

Self Study Report for Re-Accreditation

2021



Submitted to:

Indian Council of Agricultural Research
New Delhi



Sher-e-Kashmir

University of Agricultural Sciences & Technology of Jammu
(J&K)

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SKUAST-JAMMU SELF STUDY REPORT 2021

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PREFACE

Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu (SKUAST-J) was established on 20 September, 1999 by bi-furcating the erstwhile Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu & Kashmir (J&K). The accreditations to the University, its Faculties and various programmes were first granted in November 2010. This self-study report has been drafted explicitly for the purpose of reaffirmation of accreditation of SKUAST of Jammu by Indian Council of Agricultural Research (ICAR), New Delhi. This document is a snapshot of the functioning of the institution, since the last site visit of evaluation team for accreditation of the University. In spite of many changes, like change in chief executives, limitation of financial resources amidst rapidly changing environment, SKUAST–Jammu has maintained a strong commitment to execute better quality programmes and services through continuous evaluation of its priorities and efficiencies to become a commendable institution. These efforts include a number of new initiatives like block-level kisan melas, five days National level kisan mela(both live and virtual) instead of one day event, Innovative Farmers Conference for nationally recognised farmers', release of new varieties, monthly review meetings of head of divisions, lawn pe charcha, employees welfare fund, bio-waste management and SC/ST cell to name a few which were taken up for further strengthening the University's accountability and responsibility towards different stake-holders. Another unique initiative has been 'VC to Village Programme' which is launched to reach out to the farmers of remote villages in different districts of Jammu region to bring together University scientists and extension officers of line departments of UT at farmers' doorstep for exchange of new ideas and transfer of technologies through exhibitions. The programme has a multifarious impact with on-spot solution to farmers queries related to different aspects of agriculture and allied enterprises by scientists and representatives of line departments. The clear-cut mission of the university is articulated well publically, and is guiding principle for the functioning of the university. Further, the institution acted with integrity, with ethical conduct and responsibility. The institution presented itself clearly and completely to its students and stake-holders with regard to its commitment to programmes,



Prof. J.P. Sharma
Vice Chancellor
SKUAST-Jammu

requirements and expectations from the relatively young faculty and hence for accreditation relations with ICAR. The faculty and staff of SKUAST of Jammu is efficient, dynamic to frame, delivers quality programmes and student services which offer an enriched learning environment in this University. The University, being a State Agricultural University (SAU) has commitment from the UT of J&K for provision of various components of necessary resources. The structure and processes in the University are sufficient to fulfil the mission, improve quality of its educational offerings and respond to future challenges and opportunities. The governance and administrative structure of the University promotes effective leadership and supports collaborative processes to enable the institution to fulfil its objectives. This document of Self-study is presented for consideration of granting re-accreditation of some programmes and accreditation of new programmes running in the University. The document is drafted as envisaged in the format, recommended by the Indian Agricultural Research Institute (ICAR) for the purpose. There are some structural changes in the faculties of the University in recent times in terms of Post Graduate teachings, examinations and evaluations of the students. The examination and evaluation of the students is conducted by a separate central examination body that works under the control of Director Education of the University, while for better and effective management of academics, all the UG and PG programmes have been working under the control of Deans of the concerned Faculty.

The University is in the quest of the re-accreditation of Faculty of Agriculture with 02 number of Under Graduate programmes, 17 Post Graduate programmes and 16 Ph.D. programmes including two new Ph.D. programmes proposed in Agri-Business Management and Floriculture & Landscaping; Faculty of Veterinary Sciences with 01 number of Under Graduate programme, 16 Post Graduate programmes and 16 Ph.D. programmes; Faculty of Basic Sciences with 04 Post Graduate programmes and 04 Ph.D. programmes. Furthermore, in Faculty of Agriculture, one Post Graduate programme in Seed Sciences and one Under Graduate programme in B.Sc. (Hons) Horticulture shall commence from the academic year 2021-22. I hope that National Agricultural Education Accreditation Board (NAEAB), ICAR shall be kind to reaffirm the already accredited faculties and programmes; and accredit the new faculty and programmes, as projected in this document.


Vice Chancellor

INTRODUCTION

The Government of erstwhile Jammu & Kashmir bifurcated the former SKUAST of J&K into Sher-e-Kashmir University of Agricultural Sciences & Technology of Jammu (SKUAST-J) and Sher-e-Kashmir University of Agricultural Sciences & Technology of Kashmir (SKUAST-K) vide SRO No. 408 dated 20.09.1999. The Vice-chancellor-designate cum Project Director appointed in May 1999 was declared as the first Vice-chancellor of the SKUAST-Jammu on 20th of September 1999. Secondly, Faculty of Agriculture (FOA), Faculty of Veterinary Sciences & Animal Husbandry (FVSc & AH), Faculty of Post-Graduate Studies (FOPGS), Research and Extension Stations and sub-stations came under ascendancy of SKUAST-Jammu from 20th September, 1999. The intake of admissions to various degree programmes of BSc (Ag.), B.V.Sc.&A.H., M.Sc. (Ag.) and Ph.D. were as per the requirements of the state development departments and the university. The quality assurance of various degree programmes was effectively monitored, besides completion of the degrees within a specified time frame. Similarly, the research and extension activities were also strengthened. The Government of Jammu & Kashmir allotted land for establishment of university head quarter and its faculties at Chatha (where the University Headquarter, Faculty of Agriculture and Faculty of Basic Sciences, School of Biotechnology are presently located). The state government initially allotted 43.5 hectares of land. University has acquired more land over the time at Chatha. University has added new programmes over the period which include Faculty of Basic Sciences, School of Biotechnology, two Advanced Centre viz. Advanced Centre for Horticulture Research & Advanced Centre for Rainfed Agriculture, Seed Processing Facility, Centre for Organic Agriculture, Incubation Centre, etc

Faculty of Agriculture:

There are thirteen (13) divisions and one (01) School of Biotechnology under the Faculty of Agriculture and degrees offered are BSc (Hons.) Agriculture, BSc (Hons.) Biotechnology, M.Sc. (Agriculture streams), MBA (Agribusiness Management), MSc. (Biotechnology), Ph.D. (Agriculture streams), Ph.D. (Biotechnology), Ph.D. (Agriculture Engineering) and Ph.D. (Agricultural Business Management). The Faculty also runs two non-degree courses of Diploma in Agriculture and Diploma in Horticulture. Besides, it imparts trainings for capacity building of different stakeholders in agriculture.

Faculty of Veterinary Sciences and Animal Husbandry:

There are eighteen (18) divisions in the Faculty of Veterinary Sciences and Animal Husbandry and offers B.V.Sc. & A.H., M.V.Sc. and Ph.D. degree programmes in Veterinary Sciences and Animal Husbandry stream.

Faculty of Basic Sciences:

There are four (4) divisions in Faculty of Basic Sciences and the programmes being run are M.Sc. and Ph.D.

The Faculty of Agriculture, Faculty of Basic Sciences and School of Biotechnology are located at main campus of the university at Chatha, Jammu whereas the Faculty of Veterinary Sciences and Animal Husbandry is located at RS Pura, Jammu

Self Study Report of Programmes (Faculty of Agriculture)

6.4. SELF STUDY REPORT OF PROGRAMMES

Programmes of Faculty of Agriculture (FoA)

Faculty of Agriculture is located at main campus of the university at Chatha, Jammu. There are thirteen (13) divisions and one (01) School of Biotechnology under the Faculty of Agriculture. Besides, Under-Graduate and Post-Graduate degree programmes, the Faculty runs two non-degree courses of Diploma in Agriculture and Diploma in Horticulture. The list of degrees programmes offered in the Faculty of Agriculture is given below:

Under Graduate degree programmes

1. BSc. (Hons.) Agriculture
2. B.Tech. Biotechnology

Post Graduate degree programmes

1. M.Sc. Agricultural Economics
2. MBA Agri-Business
3. M. Sc. Agronomy
4. M.Sc. (Ag.) Genetics & Plant Breeding
5. M.Sc. Agricultural Extension & Communication
6. M.Sc. Soil Science & Agricultural Chemistry
7. M.Sc. Entomology
8. M.Sc. Ag. Horticulture (Floriculture and Landscaping)
9. M.Sc. Food Science and Technology
10. M.Sc. Forestry
11. M.Sc. Ag. Horticulture (Fruit Science)
12. M.Sc. Plant Pathology
13. M.Sc. Sericulture
14. M.Tech. Soil and Water Engineering
15. M.Sc. Ag. Horticulture (Vegetable Science)
16. M.Tech Farm Machinery and Power Engineering
17. M.Sc. Biotechnology
18. Doctoral Programmes
19. Ph.D. Agricultural Engineering/Farm Machinery
20. Ph.D. Agricultural Economics
21. Ph.D. Agri-Business Management
22. Ph.D. Agronomy
23. Ph.D. Genetics & Plant Breeding
24. Ph.D. Agricultural Extension & Communication
25. Ph.D. Soil Science & Agricultural Chemistry
26. Ph.D. Entomology
27. Ph.D. Floriculture and Landscaping
28. Ph.D. Food Science & Technology
29. Ph.D. Forestry
30. Ph.D. Fruit Science
31. Ph.D. Plant Pathology
32. Ph.D. Sericulture
33. Ph.D. Vegetable Science
34. Ph.D. Biotechnology

Undergraduate Programmes

BSc. (Hons.) Agriculture

BSc. (Hons.) Agriculture

6.4.1. Brief history of the degree programme:

The BSc Agriculture programme in the UT of J&K was first initiated in the year 1958, with the setting up of two Agricultural Colleges, one each at Wadoora (Sopore) in Kashmir division and the other at RS Pura in Jammu division. The Agriculture College of RS Pura was closed in 1965 due to low demand of agricultural graduates at that time. There was no PG and PhD programme in agriculture during that period in J&K. The first agricultural university in the UT of J&K was established on 27 July, 1982 namely Sher-e-Kashmir University of Agricultural Sciences and Technology of J&K (SKUAST-JK). The jurisdiction of SKUAST-JK was entire J&K, with its headquarters at Shalimar, Srinagar. The Faculty of Agriculture was located at Wadoora, Sopore, Kashmir and Post Graduate Faculty at Shalimar, Srinagar. Due to disturbance in the valley from 1989 onward the students from Jammu division had difficulty in continuing their studies in the valley. Initially, and as an interim arrangement classes for under-graduate (UG) and post-graduate (PG) students in the agriculture disciplines were started at Regional Agriculture Research Station, RS Pura in 1990. BSc. (Hons.) Agriculture degree programme was started at R. S. Pura, from 1990 before the creation of the SKUAST Jammu, and the degrees were awarded by erstwhile SKUAST of J&K.

The Jammu region had diverse agro-climatic conditions and geography, problems in agriculture and allied sectors were different and could not be effectively managed. Accordingly, to address the area specific problems of the field, horticultural, forage crops, livestock, poultry etc., and pressing public demand, a separate University of SKUAST-Jammu was created on 20th September 1999. The land for establishment of university was allotted at Chatha where the Faculty of Agriculture is offering the degree of BSc. (Hons.) Agriculture.

The major objectives of the programme include cration of competent human resource in the field of agricultural and allied sciences so that the youth can develop entrepreneurship and contribute to the society through enhancement in farm production and productivity. BSc. (Hons.) Agriculture is a reputed degree programme of Faculty of Agriculture. The successful graduate students, after completing BSc. (Hons.) Agriculture have excelled in different fields, including higher education, entrepreneurship development and placement in public and private institutions.

6.4.2. Faculty Strength:

S.No.	Division	Number of Faculty Positions					
		Professor		Associate Professor		Assistant Professor	
		S [#]	F [#]	S [#]	F [#]	S [#]	F [#]
1	Agricultural Economics/ABM	1	1	1	1	2	2
2	Agricultural Engineering	1	1	3	1*+2	4	1 [#] +1
3	Agricultural Extension Education	1	1	3	1*+1	3	1 [#] +2
4	Agroforestry	1	0	3	3*	3	1*+1 [#] +1
5	Agronomy	1	0	3	1*	4	2 [#] +1+1 ^s
6	Entomology	1	0	3	1*	4	1*+2 [#]
7	Food Science & Technology	0	0	1	1*	4	1 [#] +2+1 [@]
8	Fisheries unit	0	0	1	1	1	1

9	Fruit Science	1	0	1	0	5	1 [#] +3
10	Plant Breeding and Genetics	1	0	3	2	4	1 [#] +2
11	Plant Pathology	1	0	2	1	5	2 [#] +1
12	School of Biotechnology	1	1	2	1*	4	1 [#] +2
13	Sericulture	1	0	1	0	5	1 [#]
14	Soil Sciences & Agricultural Chemistry	1	1	3	1*	4	1*+2 [#] +1+2 ^S
15	Vegetable Sciences & Floriculture	1	0	3	2*	5	1*+4
16	Landscaping & Beautification (Dean Office)	-	-	-	-	2	2
Total		13	05	33	20	59	49

* - Promoted as Professor under CAS from Associate/Assistant Professor

- Promoted as Associate Professor under CAS from Assistant Professor

\$ - Promoted as Assistant Professor under CAS from STA

@ - Promoted as Professor under CAS from STA

6.4.3. Technical & Supporting Staff:

S.No.	Designation	Sanctioned strength	Filled
Division of Agroforestry			
1	FCLA	02	01
2	Stenographer	01	00
3	Computer Assistant	01	00
4	Mali	02	01
5	OCC/helper	02	01
School of Biotechnology			
1	Field Cum Lab. Assistant	01	01
Division of Agricultural Engineering			
1	Technical	02	02
2	Administrative	04	03
3	Supporting	02	02
Division of Fruit Science			
1	Technical/ supporting staff	05	05
2	Farm/ Field workers	04	01
Division of Agronomy			
1	Comp. Asstt	01	01
2	Jr. Steno	01	-
3	FCLA	04	04
4	Lab Attendant	01	01
5	OCC	02	02
6	Mali	02	02
Division of Sericulture			
1	Technical/ supporting staff	06	05
2	Farm/ Field workers	05	03
3	Sweeper	01	00

Division of Plant Breeding and Genetics			
1	Farm Superintendent	1	0
2	Jr. Stenographer	01	01
3	Computer Asstt	01	01
4	FCLA	04	03
5	Mali	02	01
6	OCC	03	02
Division of Food Science and Technology			
1	Computer Asstt	01	01
2	FCLA	02	02
3	OCC	01	01
Division of Entomology			
1	Jr. Stenographer	01	01
2	Computer Asstt	01	01
3	FCLA	04	03
4	Mali	02	01
5	OCC	03	03
Division of Plant Pathology			
1	Computer Asstt	01	01
2	FCLA	04	02
3	Mali	02	01
4	OCC	03	03

Division of Vegetable Science and Floriculture			
1	Jr. Stenographer	01	01
2	Computer Asstt.	01	01
3	FCLA	03	03
4	Mali/OCC	05	01
Division of Agricultural Extension Education			
1	Junior Stenographer	01	01
2	EDP Supervisor	01	01
3	Artist-cum-Photographer	01	01
4	FCLA	02	02
5	OCC	01	01
6	Lab. Attendant	01	01
7	Audio Visual Operator	01	01
Division of Soil Science and Agricultural Chemistry			
1	. Stenographer	01	01
2	DP Supervisor	01	01
3	CLA	03	03
4	ali	02	02
5	b attendant/OCC	02	02
Division of Agricultural Economics and Agri Business Management			
1	FCLA	01	01
2	Computer Assistant	01	01
3	OCC/helper	01	01

6.4.4. Class Rooms & Laboratories:

Degree Programme	No. of classrooms	No. of functional laboratories	Justification
BSc.(Hons) Agriculture	8 (4 smart classrooms, 4 non smart classrooms)	Details mentioned in d(i)	All the 13 divisions of Agriculture have separate well equipped Labs which are fully functional for UG / Research.

(i) Division wise detail of laboratories with major equipments

Division	No. of major equipments/ farm facilities/Machines	Laboratories/Works hops/ EL Units	Justification
Agricultural Economics/ ABM	Computers with networking, Photostat machines	UG practicals	
		Meeting hall, cubicles	To promote Agri startups
		Hi Tech Conference cum training room, Smart Class rooms with Wi Fi facilities	
Agril. Engg.	20	Engineering Workshop	
Ag.Ext. Edu	-	Training Hall	Instructions on RAWE
Agronomy	10		For UGPracticals
Agroforestry	9	UG Lab	Practice of UG
		Herbal Garden & Experimental area	For germplasm collection of Aromatic & medicinal plants
Entomology	15	02 Nos Lab 01 well equipped EL Unit with training hall in Field	For UG practicals on economic entomology , IPM, toxicology, biological control and apiculture
Food Science and Technology	5		All Labs are fully functional for UG practicals
Fruit Sciences	06	01 Lab 2 Nos Net houses for EL on production of quality planting material	For UG trainings & Practical
PBG	30 Microscopes	01 UG lab, 01 Cytogenetic Lab 01 Quality Lab Well equipped Molecular Lab	For Genetic and Cytogenetic Practical

Plant Pathology	Major equipments (5) Farm facilities for span production (1)	01UG Lab & One EL on Mushrooms with all facilities and training hall in field	UG Practicals To imparts hands on training on various aspect on mushroom cultivation and spawn production.
Sericulture	All major equipments required for sericulture	Silkworm rearing facilities and Mulberry farm	For research and maintenance of silkworm germplasm
School of Biotechnology	>100 major lab. Equipments	02 UG labs	Exclusive for practicals of UG students
Soil Science & Agril. Chemistry	15 Major equipments	01	Labs are fully functional for UG practicals
Vegetable Science and Floriculture	10 nos. of major equipments	01	labs is fully functional for UG practicals.
		02 Experimental farms (I&II) with 8 No naturally ventilated polyhouses	Experimental farms and poly-houses are fully utilized for student and divisional trials, seed production programmes.

(ii) List of major equipments division wise is given below

Name of Laboratories	List of Equipments
Division of Agroforestry	
UG Lab	Seed germinator, Flame photometer Spectronic 20, Ravi Altimeter, Clinometer, pH & conductivity meter, Oven and GPS
Division of Agricultural Engineering	
Farm Machinery & Power (UG/PG)	Animal drawn tools and equipments, Tractor drawn tools and implements, Cut sections of tractor systems
Food & Process Engineering (UG/PG)	Cut sections of tractor systems
SWC/Irrigation and Drainage Engineering (UG/PG)	Cut section of AC; Different models of processing machinery;
Workshop for Farm Machinery Testing (UG/PG)	Portable solar dryer, Micro irrigation systems; Water measuring devices; Pumps; Infiltrimeters; Augers; Ovens, Lathe machine; Shaper; Drilling Machine; Material Cutting Machine; Air Compressor; Welding Machine

Division of Fruit Science	
UG Lab; Quality Control Lab; Virus Indexing Lab	Micro-centrifuge, Midi Gel electrophoresis Deep Freezer (vertical), Electrophoresis system Universal Gradient Cyclor (PCR) Minilumi (Geldoc), Refrigerator (LG) Magnetic stirrer with Hot Plate Vortex Shaker, Digital Electronic Balance Water Distillation unit, 5 KVA UPS (Uniline) Water Bath (Double walled), GPS (Garmin Montana) Digital Magnetic stirrer, Refrigerator Digital pH meter, Autoclave Electronic balance, Genset 25 kva (diesel) Motor Power sprayer pump, Laminar Air Flow Poly house, Cryocane (cap. 07 L & 20 L) Water Bath (serological), Microwave Oven Elisa Reader, E.C. Elisa washer Digital Vernier Calliper, Digital hand Refractometer Brush Cutter, Digital moisture meter Soil Thermometer, Chain Saw Brush Cutter, Soil Tensiometer 60 cm Soil Tensiometer 30 cm
Division of Agronomy	
UG/ Lab.	Spectrophotometer, Flame Photometer, Nitrogen analyser Hot plate, Muffle furnace, Ovens, Grinder BOD Incubator, pH meter, Distillation apparatus Shakers
Division of Sericulture	
Silkworm Rearing Labs. Egg Incubation Room Mulberry Farm Mulberry gene bank	Silkworm rearing facilities, Refrigerator, Digital Electronic Balance, Electronic balance, Centrifuge, BOD incubator, Hot Air Oven, Cocoon Stifling Machine
Division of Plant Breeding and Genetics.	
UG Teaching lab. Molecular Lab. Tissue culture Lab. Cytogenetics Lab. Nematology Lab.	Microscopes ordinary (12), Microscopes high resolution (03), Laminar Flow (02), Auto clave (01), Thermocycler (04), Spectrophotometer (02), Gel documentation system (01), Refrigerated Centrifuge, pH Meter (02); Electronic Balance (02), Refrigerator (2) etc
Division of Food Science and Technology	
UG Lab.	Refrigerated-centrifuge, Freeze drier, Deep Freezer, Spectrophotometer, Rotary evaporator, Refrigerator, Soxhlet, Hunter lab colorimeter, HPLC, Water Distillation unit, Moisture analyser, AAS, Water Bath, Digital pH meter, Autoclave, Refrigerator, Furnace, Shrink wrapping machine, Electronic balance, Crown corking machine, Pulper, Juice extractor, Refractometers, Sealing machine

Division of Entomology

UG laboratory	Leica microscope, Burkard pesticide testing equipments Oven, Centrifuge, GC-MS, Electronic balance, BOD Refrigerator, Vortex shaker , Muffle furnace, Vertical electrophoretic Unit, Distillation unit, Laminar flow Microscopes different types (20)
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Division of Vegetable Science and Floriculture

UG Lab Tissue Culture Lab	Distillation apparatus, Seed germinator, Hot Air Oven, Micro stirrer, Weighing Balance etc. Tissue culture racks, Hardening chambers, Spectro-photometer, Inoculation chambers etc
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Division of Soil Science & Agricultural Chemistry

UG Labs	Atomic Absorption Spectrophotometer, Kjeldhal auto analyser, Spectrophotometers, CHNS analyzer, Flame photometer, BOD, hot air ovens, Water purifier, distillation apparatus, pH and EC meters, digestion assembly, Yorder's apparatus, deep freezer, penetrometer, permeability apparatus, online UPS, etc.
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6.4.5. Conduct of practical & hands-on-training:

For practical students are divided in batches of 15 to 20 so that students get sufficient hands on training. The UG laboratories of the divisions are well equipped which exist in all the divisions where practicals are to be conducted in laboratories as in case of Entomology , Pathology, Genetics, Food sciences, Biotechnology, Soil Sciences and Sericulture courses. In the courses offered by disciplines of Agronomy, Plant Breeding, Vegetable Sciences & Floriculture and Agro-forestry hands on training are provided in experimental fields, nurseries and practical crop production areas. The Divisions of Fruit sciences, Vegetable and Floriculture have sufficient number of orchards, number of atmosphere controlled poly-houses, net houses where students are practically trained.

Collection, identification and preparation of insectariums is done through field visits, entomological tours, exposure visits, etc. Students are provided with hands on training in apiculture, plant clinics and practicals on IPM technologies

Apiculture and Mushroom units are very well equipped in terms of infrastructure and facilities to conduct Laboratory/field experiments. This facilitates to impart hands on training on various aspects on mushroom cultivation, spawn production and bee-keeping under experiential learning programmes.

The practical which are numerical in nature are conducted in the classroom. Hands on exercises on different practicals are conducted by visiting various mandis for collection of data by students of Agricultural economics, extension education and agribusiness management courses.

The students are exposed to farmers in village conditions under different courses. The students also conduct practicals on participatory problem identification, evaluation of different programmes and projects implemented by different agencies. Studies of adoption status and adoption gap of different crops and enterprises are also undertaken in practicals. Visits to various government institutions and NGOs, Private Enterprises concerned with agriculture and allied fields are also undertaken for on spot assessment of their working and developing entrepreneurship traits in the students. Course curriculum given by the ICAR is adopted for overall practical work.



Students preparing nursery field

Students transplanting rice to main field

PCP Course



UG students transplanting seedlings during class practicals



Practicals conducted by students in Quality Control and Food Processing Laboratory

6.4.6. Supervision of students:

Each students of under-graduate degree programme is allotted major advisor from the faculty at the start of first semester. The advisor guides and makes student aware of the rules of resident instruction programme and system of agriculture education. Student is made aware of credit load, course addition/deletion, grading system and other curricular activities during the entire course of study. All matters related to academics, hostels, physical activities and any other matter is routed through concerned advisors.

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

Students are enquired about the lecture delivery, its instructors and any suggestion about change in teaching practices and its mode through personnel interaction at the end of mid- term examination and before the end term examination. Feedback is also obtained from outgoing batches of degree programme with regard to academic programme of the Faculty and suggestions are invited to improve the academic programme, including extra-curricular activities, for overall development of the students. The suggestions given by the students are examined and implemented after discussion in the meetings of Heads of divisions. Suggestions requiring decisions at University level are placed in appropriate statutory bodies for approval and implementation.

- Parents are advised to pay regular visits in the divisions for interactive sessions regarding their wards' academic progress with advisors, teachers, HoDs and Dean. Students' facilities are improved based on feedback of parents. Parents are updated about the wards as and when necessary.
- The students collect the feedback of farmers, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, RAWE, experiential learning programme and other skill development training programs. Interactions with farmers during farmers's visits, Farmer Fairs, Field visits, etc. are other sources of feedback. Consultations are provided to the farmers regarding diagnosis and timely management of plant diseases and insect pests in plant clinic. Consultation is also provided for setting up of new mushroom units, bee keeping, tissue culture units and fish farming.
- Industryfeedback is recorded at different level during the organisation of programmes and students' visit to industrial sites. Excellent exposure to industrial development programmes is given to students. Industry interface is prerequisite for educational institutes. Our placement cell makes regular contact with corporate industry. Students of BSc./B.Tech. (Biotechnology) regularly undertake industry projects, presentations case studies, research work to gain practical experience in industrial working. The University conducts seminars, lectures of various organizations to make the students ready for successful professional career.

6.4.8. Student intake and attrition in the programme for last five years:

Name of the degree programme	Actual students admitted in last five years					Attrition (percentage)				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
Faculty of Agriculture (UG)										
B.Sc. Hons. Agriculture	115	113	118	118	122	17.39	22.00	9.00	6.00	7.30

6.4.9. ICT Application in Curricula Delivery

The ICT is being used adequately for curricula delivery. Four UG lecture rooms and all the divisions of Faculty of Agriculture are provided with internet facility which can be availed by students and staff for academic activities. Four numbers of conventional class rooms upgraded to smart class rooms. Lectures are delivered using power point presentations, Animations, etc. Online platforms like Skype, Google Meet, Zoom meeting, Whatsapp, etc. are being utilized during online mode of teaching in Covid 19 pandemic period. During lockdown the students were encouraged and involved in “Learning by Doing” method for Practical’s where they were guided and encouraged from time to time for demonstration for presentation of their topics. The assignment videos created by the students are uploaded under Student Talk on You Tube channel so that the students from all over the country will be benefitted by this. Total 32 videos were submitted by the students and got an exposure of over 6200+ views on youtube.

The division of Fruit science has prepared web lectures for under graduate students of courses FRTS 101, FRTS 221, FRTS 222, BHT 01 and BHT 02 some of these are presented below

- **Overview of Horticulture:** <https://www.youtube.com/watch?v=eUc7QihhB2I&t=7s>
- **Fruit Production in India & its importance:** https://www.youtube.com/watch?v=4_dktM9K8yI&t=44s
- **High Density planting part I:** <https://www.youtube.com/watch?v=uxVKWVeCBik&t=35s>
- **Plant propagation: Layering Technique:** <https://www.youtube.com/watch?v=KzaDOKQMHuI>
- **Planting and Establishment:** <https://www.youtube.com/watch?v=A-N80EoKX6A>
- **Planting systems: How to plan the planting layout in an orchard:** <https://www.youtube.com>

The e-Journals, e-books, and online research articles are accessed by the students as well as the faculty. Class rooms are fitted with overhead projectors and smart boards. Faculty uses ICT resources at various avenues for improved functioning. Faculty also use internet for quick, effective, paperless, and traceable mode of communication. Practical modules of horticulture have been uploaded on Youtube channel. Practical manuals have been developed in various courses students

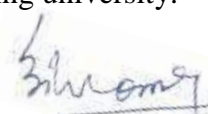
The Faculty has explored ICT as an effective extension medium by developing web modules Presentations, oral comprehensive and thesis viva voce exams are conducted in online mode during Covid 19 pandemic.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for UG programme – ‘**BSc. (Hons.) Agriculture**’

6.4.11. The data presented for Self Study Report for **BSc. (Hons.) Agriculture** degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, Dr. Bikram Singh, the Dean, Faculty of Agriculture, SKUAST-Jammu, Chatha hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.


Signature of Dean of the college with date and seal
Dean
Faculty of Agriculture
SKUAST-Jammu,
Chatha

B.Sc. / B.Tech Biotechnology

6.4.1. Brief history of the degree programme:

B.Tech. (Biotechnology) Programme aims to apply the latest biotechnological techniques to modern-day problems of agriculture, industry and environment. A sound academics and research in these areas is necessary to shape the development in a scientific manner. This degree was started with the aim to provide an up-to-date undergraduate B. Tech. (Biotechnology) Programme which will maintain a reputation for high standards of teaching, and foster analytical skills through exploration of new concepts and individual research activities in biotechnology. This will encourage students to develop interpersonal skills through skill-based activities in biotechnology, become effective communicators, and mould graduates that shall be competitive in research, industry and other scientifically based disciplines. To impart and undertake quality teaching, the School has extremely competent and dynamic teaching faculty having international exposure and expertise in wide areas of biotechnology. BSc (Hons.) Biotechnology degree programme was started at Chatha in the year 2010 and after adopting ICAR's 5th Dean's Committee Report the nomenclature of degree has been changed to B.Tech. Biotechnology from 2017-18 onwards.

Mandates

1. Basic, strategic and applied research for growth of agriculture and allied fields.
2. Graduate teaching and development of human resource.
3. Developing and strengthening collaborative linkages with national/international organizations in mutual areas of interest in teaching.
4. To provide national leadership in Biotechnological research through the development of new concepts and technologies.

Objectives

- To produce highly skilled and competitive human resource in biotechnology matching national and international standards
- Prepare the graduates for pursuing higher education in Biotechnology and opting careers in research and teaching in public and private sectors for supplementing the agriculture, veterinary and allied sectors.

Accomplishments of School of Biotechnology:

- The School of Biotechnology has the distinction of possessing modern centrally air conditioned building and state of the art laboratories and class rooms developed over short span of 8-10 years.
- School of Biotechnology is a DST FIST aided Department and the funds received so far have been utilized for establishing a Departmental Library and a Research Laboratory.
- The School has a centrally air conditioned Library with about 200 text and reference books, besides Journals, Magazines, Manuals, Project Dissertations and M.Sc. Ph.D. thesis. A spacious reading room for students is available in the library.
- The scientists at the School have already completed externally funded research projects of worth more than 6.0 crores and projects worth more than 7 crores are on-going. Protocols and technologies including crop varieties developed at School of Biotechnology have been recommended for commercial use by farmers and scientific communities. These include recent release of three basmati rice varieties and notified vide Govt. of India in the 86th Meeting Central Sub Committee on Crop Standards, Notification and Release of varieties for Agricultural Crops, ICAR, New-Delhi (Basmati 118, Basmati 123 and Basmati 138) and tissue culture protocols in Mantha, Brahmi, Lilium & Potato.

- The Scientists have developed pyramided lines of Ranbir Bamasti and K 343 for biotic and biotic stresses and are in evaluation process for release.
- Information on genomic resources in Brassica have been generated and made available on international databases.
- The local flora of economically important crops of J&K have been characterized at molecular level.
- Quality Laboratory has been established for providing analytical services to the students, farmers, academia, universities/institutes and industries in the region at affordable rates.
- A state of the art molecular laboratory as referral lab for Basmati quality analysis has been established under Special Task Force Project of J&K Govt.
- The biotechnology related issues particularly tissue culture related problems of the line Departments are regularly addressed by the Scientists of School of Biotechnology by visits and technical advice.
- Large scale protected structures including hardening units and green houses have developed under the School to facilitate the students and scientists of other faculties and Divisions.
- Linkages at International level have been developed with Department of Science & Technology, Govt. of Mexico to address common issue of research through student and faculty exchange.
- The School is well linked to National Institutes such as Department of Agricultural Biotechnology, CSK HPKV Palampur; School of Agricultural Biotechnology, PAU Ludhiana; NRC PB, IARI, New-Delhi; IIIM (CSIR), Jammu; School of Biotechnology, University of Jammu, Biotechnology Department, Cental University of Jammu; School of Biotechnology, SMVDU, Katra and Division of Plant Biotechnology, SKUAST-Kashmir.
- The Plant Genetic and Microbial Resources of the region have been documented and submitted to the concerned gene banks including NBPGR, New-Delhi and IIIM (CSIR), Jammu and registered with PPV & FR authorities
- The students have excelled well at National and state Level Exams for pursuing higher education and securing jobs including teaching, research and administrative jobs in Govt. and private sectors.
- Ms. Dhriti Sharma, graduate from the School of Biotechnology has been placed as Research Scientist in the Department of Jobs, Precincts and Regions, Victoria, Australia.
- Many students have qualified the criteria of reputed international universities and pursuing projects/degrees there.
- Students of Biotechnology viz., Deepika, Deeksha Jamwal, Supneet Kaur and Riya Sharma attended six months Biotech Industrial Training Programme 2016-17 under Biotech Consortium India Limited (BCIL)-BITP sponsored by Industrial Training at leading Industrial units in collaboration with DBT, GoI
- Ms. Ritika Gupta and Ms Sneha Bhat were selected as Research Interns and awarded scholarship by Novozymes South Asia Private Limited from 18 Feb 2019 to 31 May 2019 and 1st Feb, 2018 to 10th June, 2018, respectively.

Eminent of resource persons invited for talks during last 5 years

- Dr. Kuldeep Singh, Director, NBPGR, New-Delhi
- Dr. Rajeev Varshney, ICRISAT, Hyderabad
- Dr. S.S. Gosal, Former Director Research, PAU Ludhiana
- Dr. V.S. Verma, Dean College of Engineering, SMVDU, Katra
- Dr. Manoj Dhar, Director School of Biotechnology, University of Jammu
- Dr. P.M. Sharda, Head, School of Biotechnology, SMVDU, Katra
- Dr. Sanjeev Thakur, Prof. & Head, Department of Tree Breeding & Genetics, Dr. YSP UHF, Solan
- Dr. Suphla Gupta, Principal Scientist, IIIM (CSIR), Jammu
- Dr. Sumit Gandhi, Principal Scientist, IIIM (CSIR), Jammu
- Dr. Deepak Kumar, Central University of Jammu
- Dr. Vikas Srivastava, Central University of Jammu
- Dr. Prashant Mishra, Senior Scientist, IIIM (CSIR), Jammu
- Dr. Aditi, IIT, Incubation Centre, IIT, Kanpur
- Dr. Suresh Chandra, Incubation Centre, IIT, Kanpur
- Er. Manik Gupta, Director (Operations) and Patent Facilitator under Startup India Program
- Advocate Arun Singh Manhas, Trademark Attorney, J&K High Court
- Advocate Rakesh Soni, Patent and Trademark attorney, IPR Goodwill (online lecture on 26-04-202)

Academic Programme

1. Mode of Admission

All the admissions to the B.Tech. (Biotechnology) Programme shall be made on self finance basis and merit of the entrance exam conducted by University/ICAR.

2. The eligibility criteria for admission to B.Tech (Biotechnology) program

No. of Seats: 50 (40+ 10 ICAR nominees)

Eligibility: 10+2 with PCB/PCM/PCBM/Agriculture with Science subjects or equivalent.

3. Expenditure

Expenditure involved in carrying out self finance B.Tech. (Biotechnology) Programme will be met out from the Sustainability fund of School of Biotechnology.

4. Duration of degree programme

4 years/8 semesters minimum

5. Faculty for teaching

The proposed courses will be taught by the existing teaching faculty at SKUAST-Jammu, specifically at School of Biotechnology. For fulfilling the specific expertise required for certain courses, need based contractual appointment of teachers for implementation of B.Tech. (Biotechnology) degree programme shall be carried out.

6. Elective Courses

Four electives, each of 18 credit hours, as per the details given below, are proposed for the degree programme and the students will have to opt for one of these electives during their sixth semester of the degree.

- a. Plant Biotechnology
- b. Animal Biotechnology
- c. Bioinformatics
- d. Microbial and Environmental Biotechnology*

**The elective course in Microbial and Environmental Biotechnology will not be offered initially keeping in view the inadequacy of infrastructure with respect to laboratories and teaching faculty. However, as and when such facility is created the elective in Microbial and Environmental Biotechnology shall be offered in routine.*

Therefore, it is proposed to establish following three Divisions/Sections for implementing thereafore said degree programme:

- a. Plant Biotechnology
- b. Animal Biotechnology
- c. Bioinformatics

Credit load of the degree programme

The curriculum has a total of 184 credit hours including 06 non-credit hours for the Biotechnology UG degree programme. As per the recommendations of ICAR 5th Deans' Committee Report, the degree would have a maximum of only 20 per cent relaxation catering to local needs and based on infrastructural availability. The proposed curriculum has more than 68 per cent courses from biotechnology discipline itself.

Student READY (Rural and Entrepreneurship Awareness Development Yojana) Programme

The proposed degree programme will not have any Rural Agricultural Work Experience Programme (RAWE) in B. Tech. (Biotechnology) degree programme. However, it will include a well-structured two-semester '**Student READY Programme**' for a maximum of 40 credit hours divided as follows:

- a. 24 weeks 'Student Ready In-house Skill Development Modules' of 20 credit hours which includes three modules (only one to be opted):
 - Plant Biotechnology
 - Animal Biotechnology
 - Bioinformatics
- b. 10 weeks 'Student READY Project Formulation, Execution and Presentation' of 10 credit hours 10 weeks On-campus/Off-campus 'Student READY Entrepreneurial Development in Biotechnology' of 10 credit hours.

CURRICULUM OUTLINE

Deficiency/Remedial Courses

Total Credit hours= 6[#]

Course No.	Course Title	Credit hours
BIO 112	Basic Botany	3(2+1) [#]
BIO 121	Basic Zoology	3(2+1) [#]
MATH 112	Basic Mathematics - I	3(3+0) [#]
MATH 121	Basic Mathematics - II	3(3+0) [#]

[#] Remedial/Deficiency Course

Students joining degree programme with +2 in medical stream will take MATH 112 and MATH 121 as remedial courses, while the students joining B. Tech. Biotechnology with +2 in Non-Medical stream will take BIO 112 and BIO 121 as remedial courses. These courses will cover syllabus for +1 & +2 classes. There will be a total of six credit hours in each of the deficiency/remedial courses package. **However, students having passed 10+2 with both medical and non-medical streams will have an option to take any of the two combinations i.e. BIO 112 + BIO 121 or MATH 112 + MATH 121.**

Biotechnology Core Courses (18)

Total Credit Hours=42

Course No.	Course Title	Credit hours
BIOT 111	Cell Biology	2(2+0)
BIOT 112	Basic Genetics	3(2+1)
BIOT 113	Introduction to Biotechnology	3(2+1)
BIOT 121	Plant Tissue Culture	3(2+1)
BIOT 122	Molecular Biology	3(2+1)
BIOT 123	Recombinant DNA Technology	3(2+1)
BIOT 212	Classical and Molecular Cytogenetics	3(2+1)
BIOT 221	Plant Genetic Transformation	3(2+1)
BIOT 222	Fundamentals of Electronics and Instrumentation in Biotechnology	2(1+1)
BIOT 311	Molecular Genetics	2(2+0)
BIOT 312	Nanobiotechnology	2(2+0)
BIOT 313	Molecular Marker Technology	2(2+0)
BIOT 314	Genomics and Proteomics	3(3+0)
BIOT 315	IPR, Biosafety and Bioethics	2(2+0)
BINF 221	Introductory Bioinformatics	3(2+1)
BINF 321	Computational Biology	3(2+1)

Student READY Programme (2 Semesters; VII & VIII)

Total Credit Hours=40

Course No.	Course Title	Credit hours
BIOT 411	In-house Skill Development Modules	20
BIOT 421	Project Formulation, Execution and Presentation	10
BIOT 422	Entrepreneurial Development in Biotechnology (on campus /off campus)	10

**Elective Courses in Biotechnology (one to choose);
Each Elective :Total Credit Hours = 18**

Elective I. Plant Biotechnology (6)		
Course No.	Course Title	Credit hours
BIOT 322	Plant Tissue Culture and its Applications	3(2+1)
BIOT 323	Principles and Applications of Plant Genetic Transformation	3(2+1)
BIOT 324	Applications of Genomics and Proteomics	3(2+1)
BIOT 325	Molecular Breeding in Field Crops	3(2+1)
BIOT 326	Molecular Breeding of Horticultural Crops and Forest Trees	3(2+1)
BIOT 327	Epigenetics and Gene Regulation	3(2+1)
Elective II. Animal Biotechnology (6)		
AGB 321	Principles and Procedures of Animal Cell Culture	3(2+1)
AGB 322	Animal Genomics	3(2+1)
AGB 323	Embryo Transfer Technologies	3(2+1)
AGB 324	Transgenic Animal Production	3(3+0)
VMC 322	Molecular Diagnostics	3(2+1)
VMC 323	Molecular Virology and Vaccine Production	3(2+1)
Elective III. Microbial and Environmental Biotechnology (6)		
MICRO 321	Microbial Biotechnology	3(2+1)
MICRO 322	Bio-prospecting of Molecules and Genes	3(3+0)
MICRO 323	Molecular Ecology and Evolution	3(3+0)
MICRO 324	Fundamentals of Molecular Pharming and Biopharmaceuticals	3(2+1)
MICRO 325	Food Biotechnology	3(2+1)
MICRO 326	Green Biotechnology	3(2+1)
Elective IV. Bioinformatics (6)		
BINF 322	Programming for Bioinformatics	4(2+2)
BINF 323	Bioinformatics Tools and Biological Databases	3(2+1)
BINF 324	Structural Bioinformatics	3(2+1)
BINF 325	Pharmacogenomics	3(2+1)
BINF 326	Metabolomics and System Biology	3(2+1)
BINF 327	Computational Methods for Data Analysis	2(1+1)

Basic Science Courses (12)		Total Credit Hours=34
Course No.	Course Title	Credit hours
BICM 221	General Biochemistry	4(3+1)
BICM 311	Enzymology and Enzyme Technologies	3(2+1)
BIO 113	Biodiversity and its Conservation	2(2+0)
BIO 221	Biophysics	3(2+1)
MATH 211	Biomathematics	3(2+1)
MICRO 121	Microbiology	3(2+1)
MICRO 221	Microbial Genetics	3(2+1)
PPHY 212	Plant Physiology	3(2+1)
STAT 121	Basic Statistics	2(1+1)
STAT 212	Information and Communication Technology	2(1+1)
STAT 311	Agricultural Informatics	3(2+1)
STAT 322	Biostatistics	3(2+1)

Agriculture Courses (11) Total Credit Hours= 28

Course No.	Course Title	Credit hours
AECO 222	Entrepreneurship Development and Business Management	2(1+1)
AECO 223	Economics and Marketing	3(2+1)
AEXT 113	Human Ethics	1(1+0)
AEXT 122	Communication Skills and Personality Development	2(1+1)
AGRON 113	Crop Production Technology	3(2+1)
FOR 112	Environmental Studies and Disaster Management	3(2+1)
*FRTS 121	Production Technologies for Horticultural Crops	3(2+1)
FST 111	Food Science and Processing	2(1+1)
*GPBR 211	Basics of Plant Breeding	3(2+1)
*GPBR 212	Breeding of Field Crops	3(2+1)
*PATH 211	Fundamentals of Crop Protection	3(2+1)

Courses marked * are optional to the package of Animal Science courses marked as **

Animal Science Courses (7) Total Credit Hours= 22

Course No.	Course Title	Credit hours
**AGB 212	Introduction to Animal Breeding	3(2+1)
AGB 311	Animal Biotechnology	4(3+1)
LPM 211	Livestock Production and Management	3(2+1)
**LPT 211	Livestock Product Technology	3(2+1)
**VAN 121	Anatomy and Physiology of Livestock	3(3+0)
VMC 311	Immunology	3(2+1)
**VPE 211	Animal Health Care	3(2+1)

Courses marked ** are optional to the package of Agriculture Courses marked as *

Non Credit Courses (2) Total Credit Hours=6^{##}

Course Title	Non Credit hours
Educational Tour	2 ^{##}
COCA (NSS)	4 ^{##}

^{##}NC: Non Gradual Course

SEMESTER WISE DISTRIBUTION OF COURSES FOR BACHELOR OF TECHNOLOGY IN BIOTECHNOLOGY [B.Tech. (Biotechnology)]

Semester I

Course No.	Course Title	Cr hrs
AEXT 113	Human Ethics	1(1+0)
AGRON 113	Crop Production Technology	3(2+1)
BIO 112/	Basic Botany/	3(2+1) ^{#/}
MATH 112	Basic Mathematics – I	3(3+0) [#]
BIO 113	Biodiversity and its Conservation	2(2+0)
BIOT 111	Cell Biology	2(2+0)
BIOT 112	Basic Genetics	3(2+1)
BIOT 113	Introduction to Biotechnology	3(2+1)
FOR 112	Environmental Studies and Disaster Management	3(2+1)
FST 111	Food Science and Processing	2(1+1)
COCA 111	NSS	1(0+1) ^{##}
Total		15+7 (22) +1 NC=23

[#] Remedial/Deficiency Course

^{##}NC: Non Gradual Course

Semester II

Course No.	Course Title	Cr hrs
AEXT 122	Communication Skills and Personality Development	2(1+1)
BIO 121/	Basic Zoology/	3(2+1)/
MATH 121	Basic Mathematics – II	3(3+0)
BIOT 121	Plant Tissue Culture	3(2+1)
BIOT 122	Molecular Biology	3(2+1)
BIOT 123	Recombinant DNA Technology	3(2+1)
*FRTS 121/	Production technologies for Horticultural Crops/	3(2+1)/
**VAN 121	Anatomy and Physiology of Livestock	3(3+0)
MICRO 121	Microbiology	3(2+1)
STAT 121	Basic Statistics	2(1+1)
COCA 121	NSS	1(0+1) ^{##}
Total		15+7(22)+ 1 NC=23

Semester III

Course No.	Course Title	Cr hrs
BIOT 212	Classical and Molecular Cytogenetics	3(2+1)
*GPBR 211/	Basics/Fundamentals of Plant Breeding/	3(2+1)
**AGB 212	Introduction to Animal Breeding	
*GPBR 212/	Breeding of Field Crops/	3(2+1)
**VPE 211	Animal Health Care	
LPM 211	Livestock Production and Management	3(2+1)
MATH 211	Biomathematics	3(2+1)
*PATH 211/	Fundamentals of Crop Protection/	3(2+1)
**LPT 211	Livestock Product Technology	
PPHY 212	Plant Physiology	3(2+1)
STAT 212	Information and Communication Technology	2(1+1)
COCA 211	NSS	1(0+1) ^{##}
Total		15+8(23)+ 1 NC=24

Semester IV

Course No.	Course Title	Cr hrs
AECO 222	Entrepreneurship Development and Business Management	2(1+1)
AECO 223	Economics and Marketing	3(2+1)
BICM 221	General Biochemistry	4(3+1)
BINF 221	Introductory Bioinformatics	3(2+1)
BIO 221	Biophysics	3(2+1)
BIOT 221	Plant Genetic Transformation	3(2+1)
BIOT 222	Fundamentals of Electronics and Instrumentation in Biotechnology	2(1+1)
MICRO 221	Microbial Genetics	3(2+1)
COCA 221	NSS	1(0+1) ^{##}
Total		15+8 (23) +1 NC=24

Semester V

Course No.	Course Title	Cr hrs
AGB 311	Animal Biotechnology	4(3+1)
BICM 311	Enzymology and Enzyme Technologies	3(2+1)
BIOT 311	Molecular Genetics	2(2+0)
BIOT 312	Nanobiotechnology	2(2+0)
BIOT 313	Molecular Marker Technology	2(2+0)
BIOT 314	Genomics and Proteomics	3(3+0)
BIOT 315	IPR, Biosafety and Bioethics	2(2+0)
STAT 311	Agricultural Informatics	3(2+1)
VMC 311	Immunology	3(2+1)
Total		20+4=24

Semester VI

Course No.	Course Title	Cr hrs
BINF 321	Computational Biology	3(2+1)
STAT 322	Biostatistics	3(2+1)
Optional/ Elective Courses (6)	Electives (4): Only one to be chosen (each with six courses)	18
	Plant Biotechnology	12+6
	Animal Biotechnology	13+5
	Microbial and Environmental Biotechnology	14+4
	Bioinformatics	11+7
Total		24

Semester VII

Course No.	Module*	Cr hrs
BIOT 411	1. Plant Biotechnology	20(0+20)
Student READY - In-house Skill Development Modules	2. Animal Biotechnology	
	3. Microbial and Environmental Biotechnology	
	4. Bioinformatics	
	<i>*To opt only one module as per the chosen elective</i>	
	Educational Tour	2 ^{##}
Total		20+2NC =22

^{##}NC: Non Gradiual Course

Semester VIII

Course No.	Course Title	Cr hrs
BIOT 421	Student READY - Project Formulation, Execution and Presentation	10(0+10)
BIOT 422	Student READY - Entrepreneurial Development in Biotechnology (- On- campus/Off Campus)	10(0+10)
Total		0+20 =20

6.4.2. Faculty Strength (Overall)

S. No.	School of Biotechnology	Number of Faculty Position Sanctioned						Faculty Position filled					
		Professor		Associate Professor		Assistant Professor		Professor		Associate Professor		Assistant Professor	
		No	%	No	%	No	%	No	%	No	%	No	%
1	School of Biotechnology	1+12 [@]	23.00	2+18 [@]	35.00	4+20 [@]	42.00	1+8 [@]	23.00	1 [*] +10 [@]	28.00	1 [#] +2+2 ⁺ +14 [@]	49.00

* - Promoted as Professor under CAS from Associate/Assistant Professor

- Promoted as Associate Professor under CAS from Assistant Professor

\$ - Contractual faculty has been engaged

@ - Faculty assigned the responsibilities for multiple programmes

Faculty Strength (Discipline-wise)

S. No.	Discipline wise	Number of Faculty Position Sanctioned						Faculty Position filled					
		Professor		Associate Professor		Assistant Professor		Professor		Associate Professor		Assistant Professor	
		No	%	No	%	No	%	No	%	No	%	No	%
1	Plant Biotechnology	1+1 [@]	25.00	2	25.00	4	50.00	1+1 [@]	25.00	1 [*]	12.50	1 [#] +2+2 [@]	62.50
2	Animal Biotechnology	2 [@]	25.00	2 [@]	25.00	4 [@]	50.00	2 [@]	33.00	-	-	4 [@]	67.00
3	Bioinformatics	-		-		-		-		-		2 ^{\$}	100.00

* - Promoted as Professor under CAS from Associate/Assistant Professor

- Promoted as Associate Professor under CAS from Assistant Professor

\$ - Contractual faculty has been engaged

@ - Faculty assigned the responsibilities for multiple programmes

6.4.3. Technical & Supporting Staff:

S.No.	Designation	Sanctioned strength ⁺	Filled ⁺
Biotechnology			
1	Field Cum Lab. Assistant	01	01
2	Teaching Assistant	02	02
3	Computer Assistant	01	01
4	Account Assistant	01	01
5	Lab Assitant	01	01
6	Library Assistant	01	01
7.	Mechanic	01	01
8.	Driver	01	01

⁺ - Contractual staff has been engaged

6.4.4. Class Rooms & laboratories:

Division	No. of classrooms	No. of functional laboratories	No. of major equipments/ farm facilities/	Workshops	EL units	Justification
Biotechnology	05*	11**	>100 major lab. Equipments			

* There are four dedicated AC classrooms for the UG Programme. Two of which have been fully equipped with projector facilities.

**Central Instruments Laboratory, Genomics Laboratory, Plant Molecular Biology Laboratory, Rice Molecular Biology Laboratory, Quality Laboratory, FIST Laboratory, Biochemical and Proteomics Lab., Heavy Instruments lab., Plant Tissue Culture, Bioinformatics Lab., UG Practical Lab. (Details given below)

S.No.	Name of the Lab	Equipments available
1.	Central Instruments Laboratory	96 Wells PCR 96 Wells PCR (02), Refrigerated Centrifuge (01), Electrophoresis Units (03), Deep Freezer -20 0C (01), Microwave Oven (01), Microcentrifuge (02), Online UPS 5KVA (01), Hot Water Bath (01), LN2 Container (40 lit.)
2.	Genomics Laboratory	96 Wells PCR (01), Refrigerated Centrifuge(02), Gel Documentation System (1), Spectro Photometer(01), Electrporesis units (02), Hot Water Bath (01), Deepfreezer -20 0C (01), LN2 container 10 lit (01), transilluminator (01), Microwave Oven (01), Online UPS 5KVA (01), Weighing balance (01), Refrigerator (01)
3.	Plant Molecular Biology Laboratory	96 Wells PCR (01), Online UPS 2KVA (01), Microwave Oven (01), Microcentrifuge 24 well (02), Weighing balance (01), Vortexer (01), Biospectrometer (01), Deepfreezer -20 0C (01), Refrigerator (01), Double Distillation Plant

4.	Rice Molecular Biology Laboratory	Thermocylers (04), Seed Divider (01), Seed counter (01), Seed Moisture Meter (01), Refrigerated Centrifuge (01), Microcentrifuge 24 well (02) Microcentrifuge 24 well (01), Spinwin (02), Vortexer (01), Hot Air Oven (01), Spectrophotometer (01), Whole Grain Analyser (01), Gel Documentation System(01), Incubator Shaker (01), Microwave Oven (01), Nitrogen Analyser (01), Electrophoresis Units (2), Deepfreezer -20 0C (01), BOD incubator (01), Refrigerator (01), Desktop Computer with printer (01), Hotplate with stirrer (01)
5.	Quality Laboratory	Atomic Absorption Spectrophotometer (01), HPLC (01), GC (01), Mini Rice Sheller (01), RT PCR (01)
6.	FIST Laboratory	Gel Documentation system (01), Refrigerated Centrifuge (01), Spectrophotometer (01), Laminar Air Flow Cabinet, Deep Freezer -80 0C (01)
7	Biochemical and Proteomics Lab.	Refrigerated Centrifuge (01), Electrophoresis Units (02), Soxhate apparatus (01), Mechanical shaker (01), Rocker shaker (01), Rotary evaporator (01), Deep Freezer -20 0C (01), Online UPS 5KVA (01), Refrigerator (01)
8.	Heavy Instruments lab.	Plant Growth Chamber (01), Seed Germinator (01), Deepfreezer -80 0C (02), Water Purification System (01), Ice Flaking Machine (01)
9.	Plant Tissue Culture Lab.	Laminar Air Flow Cabinet vertical automatic remote based (01), Laminar Air Flow cabinet Horizontal (01), Water Purification Unit (01), Hot Air Oven (01), Microwave Oven (01), Electronic Balance (02), Bead Steriliser (01), Refrigerator (01), Phase contrast microscope (01). Students Compound Microscopes (06), Culture racks (10)
10	Bioinformatics Lab.	Computers (06), Networking station (01)
11	UG Practical Lab.	Compound Microscopes (10), Water Baths(03), PCR (01), Spectrophotometer (01), Gen Documentation Sysytem (01), Auto Clave (01), Refrigerated Centrifuge (01), Electronic balance (01) and RT-PCR (01)

There is a one big UG laboratory dedicated for UG practicals which are equipped with the all the basic major equipments. Other specialized practicals are carried out in respective labs of SBT. All the major equipments as mentioned in the table above are available in labs and students have proper hands on trainings on functioning of these equipments. The School of Biotechnology has greenhouse facilities for hardening and offseason growing of plants and a well developed research farm. Students are regularly given exposure to these facilities as per the demand of the courses.



Students of School of Biotechnology working in laboratory



Expert Examining Lab. activities



Working of high end quality lab

6.4.5. Conduct of Practical & hands-on-training:

- For every practical class two periods of 50 minutes each are dedicated in which demonstrations, farm experiments, lab. exercises and hands on trainings are performed by the students.
- Hands on Trainings: Students of other Institutes are registered for short (1-3 months) Hands on Trainings in specific area/technique such as Plant Tissue Culture, Molecular Breeding, Bioinformatics, etc.
- School Laboratories, green/polyhouse houses, farms are well equipped in terms of infrastructure and facilities to conduct Laboratory exercises.
- 90 % of the practicals are actually done by students themselves. Those related to transgenic facilities are given demonstrations only.
- One full semester is dedicated to the project work with 0+19 credits in which students are given specialized training on a specific area of Biotechnology.



Scholars demonstrating experimental activities

Students on exposure visits



IMTECH, Chandigarh



NABI, Chandigarh

INVITED EXPERT LECTURES



Dr. S Chandra delivering lecture on BIG incubation programme



Dr. Kuldeep Singh, Director, NBPGR, New Delhi delivering lecture on Biosafety Concerns in Biotechnology



Dr. N. Baisakh, Louisiana State University, USA giving expert lecture to the students and faculty of SBT through virtual platform

Participation of students of School of Biotechnology in cultural activities



6.4.6. Supervision of students:

All newly admitted B. Tech. (Biotechnology) students are allotted major advisors in the beginning of 1st Semester for time to time advisement of students during entire period of degree programme. For project work a dedicated scientist from School of Biotechnology and one supervisor from the industries or other collaborating institutes guide the students.

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

- Advisories issued to teachers and other employees from time to time for facilitating students and maintaining teaching standards as per the feedback of senior students
- Interactions with farmers during farmers's visits, Farmer Fairs, Filed visits, etc.
- Projects initiated based on feedback of farmers
- B. Tech. (Biotechnology) students regularly undertake industry projects, presentations case studies, research work to gain practical experience in industrial working.
- The School has state of the art laboratories for use by UG/PG students and scientists. Based on the feedback of the students the classrooms and laboratories have been well furnished and provided with un-interrupted power backup. The students have been provided with proper sitting arrangement in the premises of the School (inside and outside the building) including Library, corridors and lawns. The laboratories, classrooms, administrative offices, seminar room, committee room and other major locations in and around the School building are kept under CCTV surveillance. Fresh filtered drinking water is available in the School building on both the floors. Pantry services are available for students and scholars working in the School. Two set of male and female toilets/washrooms are available on both the floors with regular upkeep.
- A grievance committee of the scientists including a female teacher has been in place to regularly take feedback from the students and initiate actions accordingly.

6.4.8. Student intake attrition in the programme for last five years:

Name of the degree programme	Actual students admitted in last five years					Attrition (percentage)				
	2016	2017	2018	2019	2020	2016	2017	2018	2019	2020
Biotechnology										
BSc/B.Tech	25	26	31	24	35	0	4.00	3.20	12.5	8.33

6.4.9. ICT Application in Curricula delivery:

- Four numbers of conventional class rooms upgraded to smart class rooms.
- Lectures are delivered using Powerpoint presentations., Youtubes, Animations, etc.
- Online platforms like Skype, Google Meet, Zoom meeting, Wise App, Whatsapp, etc. are utilized during Covid 19 pandemic for curriculum delivery.
- Online presentations, oral comprehensive and thesis viva voce exams are conducted during Covid 19 pandemic.

Requirements as per ICAR's 5th Dean's Committee Report

1. Manpower Requirements of Coordinator's Office

Manpower	Number
Coordinator	1
A. Establishment	
PA to Coordinator	1
Administrative Officer	1
Superintendent	0
Steno/Computer operator	1
Assistant	0
Operator (Audio Visual)	1
Attendants/Messengers	4
Clerk (LDC)	1
Electrician/Mechanic	1
Store Keeper	1
Driver	1
Security, Sanitation and Landscaping	To be outsourced
B. Central Research and Teaching Laboratories (Four Laboratories)	
Assistant Professor (Genomics)	1
Assistant Professor (Computer Engineering)	1*
Computer Assistant	1
Laboratory Technicians	2
Laboratory Assistant	1
Laboratory Attendant	2
C. Library Staff	
Assistant Librarian	0
Library Assistant	1
Clerk	0
Shelf Assistant	1
D. Students Welfare	
To be provided by the Institute as the Central Facility	
E. Hostel Staff for two Hostels	
The students are accommodated in common hostels along with students of Faculty of Agriculture and Basic Sciences.	

* Assistant Professor engaged on contractual basis

2. Land Requirements

Main building and hostels:	3.0 ha (Hostels for boys & girls are common)
Field area:	2.0 ha
Play grounds:	From common facility of the institute
Total:	5.0 ha

2. Floor Space Requirement

A) Central Facilities

S. No.	Details	Number of Rooms	Dimensions
1.	Coordinator office	1	20' x 18'
2.	PA room	1	20' x 12'
3.	Committee room with video conferencing facility	1	15' x 25'
4.	Administrative officer room	1	20' x 12'
5.	Admin. staff rooms	0	-
6.	Examination cell	1	Common facility of the University
7.	Evaluation room	1	Common facility of the University
8.	Faculty room	1	10' x 12' /12' x 16' each
9.	Placement cell	1	Common facility of the University
10.	Smart Lecture rooms	5	Seating capacity - 40
11.	Auditorium (optional)	1	Common facility of the University
12.	Library/Book bank	1	20' x 50'
13.	Examination hall (optional)	-	Common facility of the University
14.	Multipurpose room	1	20' x 30'
15.	Laboratories	11	30' x 48' each
16.	Hostels	-	Common facility of the University
17.	Generator shed	1	20' x 36'
18.	Liquid Nitrogen plant	0	-
19.	Toxic chemical waste storage/disposal Unit	1	10' x 8'
20.	Canteen	-	Common facility of the University
21.	Toilets	-	2 sets for each floor
22.	Parking space	As per requirement (APR)	For college and hostels
23.	Vehicles:		
	Office car	1	
	Bus	1	Common facility of the University
	Pick-up van	1	

B) Division/Section

S. No.	Detail	Number of rooms	Dimensions
1.	Office of Head of the Division	3 (one for every Division)	20' x 24' each
2.	Administrative Staff	3 (one for every Division)	20' x 36' each
3.	Faculty room	9 (as per faculty strength)	10' x 15' (6 rooms) 20' x 12' (3 rooms)
4.	Rooms for Research Scholars	1 (one for every Division)	10' x 15'
5.	Committee room cum library	1 (one for every Division)	20' x 50'
6.	Smart Lecture cum seminar room	02 (one for every Division)	Seating capacity - 30 each
7.	Laboratories (no. of laboratories as per requirement and include UG and PG teaching laboratories)		
	Plant Biotechnology	5	20' x 60' (one) 20' x 36' (four)
	Animal Biotechnology*		
	Microbial and Environmental Biotechnology	0	20' x 60' (one) 20' x 36' (three)
	Bioinformatics Section	1	20' x 48' each
8.	Screen houses, glass houses, transgenic green house		APR

* For Animal Biotechnology, Laboratories at Faculty and Veterinary Sciences & A.H. are available for use by the students

3. Equipment Required

(A) Central Teaching and Research Laboratories

S. No.	Name of the Equipment	Number
1	Sequencer - ABI 3730xl	-
2	Illumina Sequencing Platform	-
3	Cold room -20°C	-
4	Cold room 4°C	-
4	SNP Genotyping Platform	-
5	HPTLC	1
6	High Performance Computing Grid	1
7	Liquid Nitrogen Plant	-
8	Inductively Coupled Plasma (ICP-OES) - Central laboratory	-
9	High Speed Centrifuge	01
10	Water Purification Unit	02

(B) Equipment in the Divisional Laboratories (additional specialised equipment may be required depending on the mandate of the institute as per 5th Deans' Committee Report and their availability)

S. No.	Name of the Equipment	Minimum number of units x Divisions as per 5 th Deans' Committee Report	Total number of Units available at School of Biotechnology	Divisions [#]
1	-20°C Freezer	3x2	6	PB, AB
2	-80°C Freezer	1x2	3	PB, AB
3	Autoclaves	2x2	6	PB, AB
4	Automated Capillary Electrophoresis System	1x2	-	
5	Autopipetting System	1x2	-	PB, AB
6	Biolistic Particle Gun	1x1	-	PB, AB
7	Biophotometer	1x2	2	PB, AB
8	Biosafety Cabinet	4x2	-	PB, AB
9	Centrifuge	8x2	7	PB, AB
10	Cryo-cans	5x2	2	PB, AB
11	Dry Baths	APR	-	PB, AB
12	Electrophoresis Systems and Power Packs	10x2	9	PB, AB
13	Electroporator	1x2	-	PB, AB
14	Environmental Chamber	1x2	1	PB
15	Fermenter	2x1	-	MEB
16	Fluorescent Microscope	1x2	-	PB, AB
17	Gel Documentation System	2x2	5	PB, AB
18	Gel Dryers	1x2	-	PB, AB
19	Growth Rooms	2x1	1	PB
20	Hot Plates, Magnetic stirrers, Vortex etc.	APR	-	PB, AB
21	Hybridization Ovens	1x2	-	PB, AB
22	Ice Making Machines	1x2	1	PB, AB
23	Incubator Shakers	4x2	1	PB, AB
24	Incubator	APR	-	PB, AB
25	Laminar Flow	3x2	5	PB, AB
26	Lypholyser	1x2	-	PB, AB
27	Microcentrifuge	10x2	4	PB, AB
28	Microplate Washer	1x2	-	PB, AB
29	Microscope	1x2	2	PB, AB
30	Microscopes (for teaching)	10x2	16	PB, AB
31	Microplate Readers	1x2	-	PB, AB
32	Microwave Digestion Oven	1x1	-	MEB
33	Multiflow Dispenser	2x2	-	PB, AB

34	Nanodrop for DNA Quantification	1x2	1	PB, AB
35	Precision Ovens	APR	-	PB, AB
36	Plant Imager	1x2	-	PB
37	Plate Centrifuges	2x2	2	PB, AB
38	Real Time PCR	2x2	2	PB, AB
39	Refrigerator 4°C	4x2	8	PB, AB
40	Semi Dry Blotter	1x2	-	PB, AB
41	Shakers (Table Top)	3x2	1	PB, AB
42	Spectrophotometer	1x2	2	PB, AB
43	Thermocycler	10x2	9	PB, AB
44	Thermomixer	4x2	0	PB, AB
45	Tissue lyser	2x2	-	PB, AB
46	Ultracentrifuge	1x2	-	PB, AB
47	Ultrasound Sonicator	2x2	-	PB, AB
48	UV Transilluminator	2x2	1	PB, AB
49	UV Stratalinker	1x2	-	PB, AB
50	Vacuum Concentrator	1x2	-	PB, AB
51	Water Bath - Shaking	2x2	4	PB, AB
52	Computers	-	4	PB, AB
53	Computer for Bioinformatics Section	40	8	Bioinformatics
54	Major Softwares-CLC Genomics and other relevant softwares	APR	APR	Bioinformatics
55	Internet Facility	-	-	Central facility

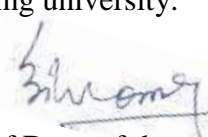
6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for UG programme – ‘**B.Tech Biotechnology**’

6.4.11. The data presented for Self Study Report for **B.Tech. Biotechnology** degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, Dr. Bikram Singh, the Dean, Faculty of Agriculture, SKUAST-Jammu, Chatha hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the college with date and seal


 23/04/21
 Dean
 Faculty of Agriculture
 SKUAST-Jammu,
 Chatha

Post-Graduate Programmes

M.Sc. Ag.

(Agricultural Economics)

6.4.1. Brief history of the degree programme:

Division of Agricultural Economics and ABM, a constituent of Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu (SKUAST-J) was established to undertake research and impart quality education in the field of Agricultural Economics. Every effort has been made to provide agricultural economists who can contribute towards economic, agricultural and social development in the country. The division offers post graduate programme in the discipline of agricultural economics to develop quality human resource with sound technical knowledge in the subject. I am sure you will find the Division of Agricultural Economics and ABM, a place of excellence in the field of education and research.

M.Sc. Agricultural Economics degree programme was started in the year 2005 with the sole aim to impart the quality education in Agricultural Economics in order to generate quality manpower with research capability, advanced technical knowledge and outstanding academic potential in the subject. The programme has a strong component on theoretical and applied aspects with emphasis on application of economics for the need based area. The course has been designed in such a way so as to provide ideal learning opportunities and hands-on practices to the students to become qualified and skilled professionals in order to meet the needs of the region. Advisory and consultancy services are also provided by the faculty members to research scholars and scientists of the entire university.

Objectives

The objectives of the M.Sc. Agricultural Economics degree programme offered by the Division of Agricultural Economics & ABM are given below:

- To impart quality education and carry out research in Agricultural Economics to meet the professional needs.
- To teach the students different research methods, collection of data, analysis of data and getting inferences from the data

Accomplishments:

- In last five years, thirteen (13) students completed the M.Sc. degree programme.
- The research on some topics of state and regional importance has been conducted such as economic analysis of cereal crops, flowers, fruits and vegetables, marketing analysis for flowers, fruits and vegetables.
- After completing the MSc. Degree programmes, students have been recruited in Universities, J&K Agriculture Department, Banks, private and public sector institutions.
- Students got selected in SRF and also cleared ICAR NET examination.

6.4.2. Faculty Strength:

S. No.	Post	Sanctioned strength	Faculty in Place	Vacant Position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	1	1	0	0
2	Associate Professor	1	1	0	1
3	Assistant Professor	2	2	0	2
4	*Assistant Professor (Contractual) for running MBA (ABM) program		3	0	Nil

*Assistant Professor (Contractual) are also contributing for the smooth functioning of the Degree Programme

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies.
1	FCLA	1	1	3
2	Computer Assistant	1	1	1
3	OCC/helper	1	1	0
4	*Accounts Assistance (Contractual)	1	1	
5	*Office Assistance (Contractual)	1	1	

* Staff engaged for MBA(ABM) degree programme are also contributing for the smooth functioning of the M.Sc. Agril. Economics Degree Programme.

6.4.4. Classroom and Laboratories

S. No.	Degree Programme	No. of classroom	No. of functional laboratories	No. of major equipments/ farm facilities/	Workshops	EL units	Theory and Practical Batches	Justification
1	M.Sc. Ag. Agricultural Economics	1	1	Computers with networking, Photostat machines, Hi Tech Conference cum training room, Temperature controlled Smart Class rooms with Wi Fi facilities		NA	Theory: 2 Practical:2	Full functional for practicals and PG research



6.4.5 Conduct of practical and Hands on training

The practical which are numerical in nature are conducted in the classroom hand on exercise on different practical is conducted by visiting various mandis for collection of data.

Visits to various government institutions and NGOs, Private Enterprises, industries concerned with agriculture and allied fields are also undertaken for on spot assessment of their working and developing entrepreneurship traits in the students. Course curriculum given by the ICAR is adopted for overall practical work.



6.4.6 Supervision of Students in PG/Ph.D programme

S. No.	Degree Programme	Intake capacity of students	Qualified faculty for supervision of students
1	M.Sc. Ag. Agricultural Economics	6	4 (all)

6.4.7 Feed back mechanism

S. No	Stakeholders	Feedback	Feedback Mechanism supported by documents	Action initiated in the last five years to address the issue raised in the feedback
1	Students	Rated as one of the best division in terms of facilities, teaching with hands on training, excellent exposure to industrial development programmes, thrust on policy research with competitive learning environment	Discussion with students	Sessions conducted for Personality Development; regular visit to different agro-industrial units etc.
2	Farmers	Village Visit and Re-visit programme	One to one interaction with the farmer for on spot solution to their problems	Farmers' are provided awareness through trainings and visits.

6.4.8. Students Intake and attrition:

Name of the degree programme	Actual students admitted in last five years					Attrition (percentage)				
Year	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
M. Sc	03	04	03	06	06	00	00	00	00	16.66

6.4.9. ICT Application in curricula delivery

The division has well developed Seminar hall with all modern ICT facilities like video conferencing system and Digital Podium. Modern audio-visual aid/ interactive boards are being used in teaching. Besides, online platforms such as Zoom app, Google meet, Google scholar, Microsoft teams are also used during the COVID-19 pandemic for teaching, conducting thesis and credit seminars.



6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘MSc. Ag. (Agricultural Economics)’

6.4.11. The data presented for Self Study Report for MSc. Ag. (Agricultural Economics) degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, Dr. Bikram Singh, the Dean, Faculty of Agriculture, SKUAST-Jammu, Chatha hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

23/04/21

Signature of Dean of the college with date and seal

Dean
Faculty of Agriculture
SKUAST-Jammu,
Chatha

MBA
Agri-Business Management
[MBA (ABM)]

2.1.2.2. MBA Agri-Business Management

6.4.1. Brief history of the degree programme:

MBA (ABM) degree programme was initially started through establishment of School of Agri-Business Management (SABM) on 19th November 2012 on self-sustainable basis after its approval in 8th University Council meeting. Later on, a full-fledged Division of Agricultural Economics and Agri-Business Management was started to offer MBA (ABM) degree programme for generating professionally competent, socially responsible and technically qualified human capital with core management competencies in Agri Business. The MBA (Agri-Business) is a 2 year full time degree programme spread over four semesters and is offered to any graduate from the recognized university. The courses have been designed to provide ideal learning opportunities for youths to become agribusiness professionals ready to serve the industry. Several industrial elective courses are also offered in the degree programme which includes Farm Engineering, Food Industry, Hi-tech Agriculture, Horticulture Industry, Input Supply, Veterinary, Pharmaceutical and Livestock. Deficiency courses are offered for those who are other than agricultural and allied streams. Besides, summer internship/ industrial attachments for improving the managerial capacity through practical approach are also organised.

Objectives

The sole vision of MBA (Agri-Business Management) degree programme is to build a new class of devoted Agripreneurs and Agribusiness Managers kindled with fire and endowed with state-of-art management knowledge and competence to serve the nation devoutly in a climate that fosters personal and group creativity with excellence. The major objectives of the programme are presented below:

- To build core management expertise among the technically competent agriculture/ other graduates to own and manage sustainable agri –businesses enterprises.
- To develop entrepreneurial spirits , managerial skills and competence among the students for sustainable agri-business enterprises
- To understand dynamics and complexities of the field of agri-business in the emerging global context.
- To acquire professional skills in using appropriate management tools and techniques in the context of agri-business.
- To strive for excellence, commitment with positive attitude to work with the farmers towards their economic upliftment.

Accomplishments

The major accomplishment of MBA (Agri-Business Management) degree programme are given below:

- 40 number of students accomplished MBA (ABM) programme during this period.
- Students have been recruited in teaching profession in University and placed as Marketing managers, Administrative officers, Sales Managers in Private sector.
- Ms. Payal Sharma, passed out student started her own enterprise/ start-up JKAROMATICS AND HERBS LLP under RKVY-RAFTAAR scheme of Ministry of Agriculture and Farmers' Welfare, GoI.
- Studies on Management aspects of different processed commodities, dairy industry, input industry, horticulture industry accomplished.

6.4.2 Faculty Strength:

S. No.	Post	Sanctioned strength	Faculty in Place	Vacant Position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor*	1	01	00	01
2	Associate Professor*	1	01	00	01
3	Assistant Professor*	2	02	00	02
	Assistant Professor (Contractual) for running MBA(ABM) program		03	00	Nil

* Mention permanent faculty, part time faculty being deputed from the other departments and name those departments also.

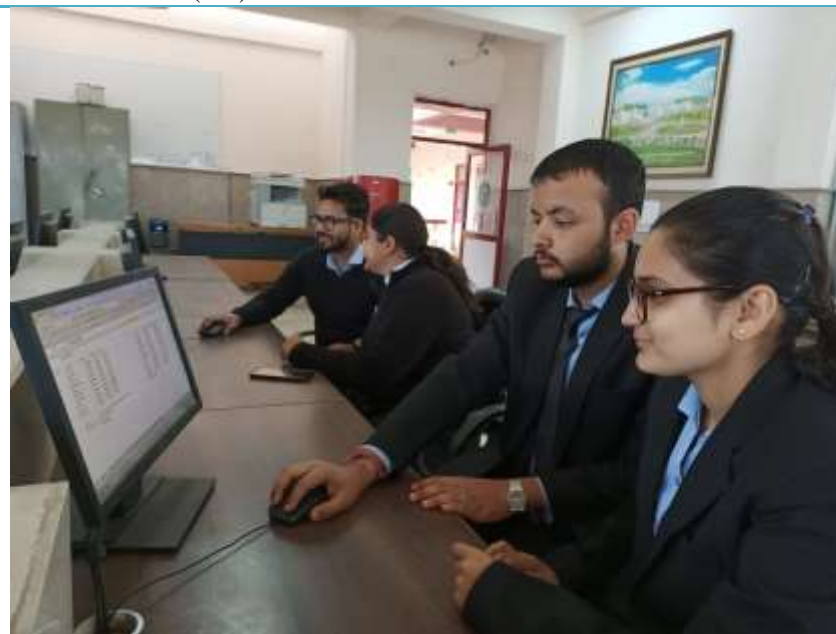
6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies.
1	FCLA	1	1	3
2	Computer Assistant	1	1	1
3	OCC/helper	1	1	0
4	Accounts Assistance (Contractual) *	1	1	
5	Office Assistance (Contractual) *	1	1	

* **Permanent Staff of the Division** are also contributing for the smooth functioning of the **MBA (ABM) degree programme**

6.4.4. Class Rooms & laboratories:

S. No.	Degree Programme	No. of classrooms	No. of functional laboratories	No. of major equipments/ farm facilities/	Workshops	EL units	Theory and Practical Batches	Justification
1	MBA(ABM)	1	1	Computers with networking, Photostat machines, Hi Tech Conference cum training room, Temperature controlled Smart Class rooms with Wi Fi facilities		NA	Theory: 2 Practical:2	Full functional for practicals and PG research
2				Meeting hall, cubicles	Agribusiness Incubation Centre (one)			To promote agri startups



6.4.5. Conduct of practical and Hands on training

The practical which are numerical in nature are conducted in the classroom whereas hand on exercise on different practical is conducted through different activities and by visiting agro-industries.

Visits to various government institutions and NGOs, Private Enterprises, industries concerned with agriculture and allied fields are also undertaken for on spot assessment of their working and developing entrepreneurship traits in the students.



6.4.6. Supervision of Students

S. No.	Degree Programme	Intake capacity of students	Qualified faculty for supervision of students
1.	MBA (ABM)	15	4 (permanent) + 3 contractual

6.4.7. Feedback mechanism

S. No.	Stakeholders	Feedback	Feedback Mechanism supported by documents	Action initiated in the last five years to address the issue raised in the feedback
1	Students	Rated as one of the best division in terms of facilities, teaching with hands on training, excellent exposure to industrial development programmes, thrust on policy research with competitive learning environment.	Discussion with students	Sessions conducted for Personality Development; regular visit to different agro-industrial units etc.
2	Farmers	Farmers' are interested to become entrepreneur and are happy to receive information and support about the establishment of start-up from incubation centre functional under the Division of Agricultural Economics and ABM.	One to one interaction with the farmer willing to establish innovative start-up.	Farmers' are provided awareness through trainings, boot camps, social media platforms etc.
3	Industry	Industrial persons satisfied with the course curricula of MBA(ABM) and willing to appoint MBA(ABM) students in their units. Fourteen Promoted agri have expanded their manufacturing units after receiving the Grant-in-aid which has been duly acknowledged by 05 startups who have received the first installment of grant and others are in pipe line in establishing their manufacturing units.	Discussion and written feedback from incubates/ industrial persons.	Conducted theory sessions and provide mentorship to all the incubates as per their focus area. Conducted Industria/ Academic meet and regular interactions of industrial persons with students.

6.4.8. Student intake attrition in the programme for last five years:

Degree programme	Actual students admitted in last five years					Attrition (percentage)				
	Y1	Y2	Y3	Y4	Y5	Y1	Y2	Y3	Y4	Y5
MBA Agri-Business Management	12	12	10	11	09	00	6.66	13.33	00	33.33

6.4.9. ICT Application in Curricula delivery:

Modern audio-visual aid/ interactive boards are being used in teaching. Besides, online platforms such as Zoom app, Google meet, Google scholar, Microsoft teams are also used during the COVID-19 pandemic for teaching, conducting thesis and credit seminars. Seminar hall with all modern facilities like video conferencing system and Digital Podium is also available.

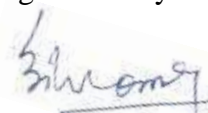


6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘**MBA (Agri-Business Management)**’

6.4.11. The data presented for Self Study Report for **MBA (Agri-Business Management)** degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, **Dr. Bikram Singh, the Dean, Faculty of Agriculture, SKUAST-Jammu, Chatha** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.


 23/04/21
Signature of Dean of the college with date and seal
 Dean
 Faculty of Agriculture
 SKUAST-Jammu,
 Chatha

M.Sc. Ag. (Agronomy)

M.Sc. Ag. (Agronomy)

6.4.1. Brief history of the degree programme:

M.Sc. Ag. (Agronomy) degree programme was started at R. S. Pura, in 1999. At that time the main objectives of the Post-graduate programme was to impart quality education, carry out research activities focussed mainly on crop management, as well as to develop quality and skilled individuals in the field of Agronomy. Over the period of time there have been lot of improvements in infrastructure as University shifted from R.S. Pura to Chatha during year 2002. Well equipped farm facilities and laboratories have established which led to significant improvement in the quality of education and research activities. Further, as Agronomy is an important pillar of agriculture it aims at achieving food security higher profitability of field crops, besides, sustaining high productivity. Recently, various new objectives and initiatives have been included in our Post-graduate programme viz. improving yield of minor millets, oilseeds, LCC, new molecules of herbicides, etc for effective and economical weed management of different crops as an alternative to old herbicides as well as to reduce weed competition effectively and thus lead to improvement in the overall research profile.

Objectives

- Generate/Standardise crop production technologies for productivity and profitability enhancement on sustainable basis for different agro-climatic zones of Jammu region on:
- Weed management
- Nutrient management
- Crop management
- Water management

Accomplishments

- 23 no of students accomplished MSc. Programme during this period
- In this programme we have accomplished package and practices for various new crops viz. oilseeds, cereals, pulses, millets, etc.
- Efficacy of various new molecules of herbicides was evaluated and further included in package of practices for effective and economical weed management of different crops as an alternative to old herbicides

6.4.2. Faculty Strength:

S. No.	Post	Sanctioned strength	Faculty in Place	Vacant Position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	1	0	1	1
2	Associate Professor	3	1*	2	1
3	Assistant Professor	4	2 [#] +1+1 ^{\$}	1	4

* - Promoted as Professor under CAS from Associate/Assistant Professor

- Promoted as Associate Professor under CAS from Assistant Professor

\$ - Promoted as Assistant Professor under CAS from STA

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies.
1	Computer Assistant	01	01	0
2	Jr. Steno	01	-	0
3	FCLA	04	04	0
4	Lab Attendant	01	01	0
5	OCC	02	02	0
6	Mali	02	02	0

6.4.4. Class Rooms & laboratories:

Degree programme	No. of classrooms	No. of functional laboratories	No. of major equipments/ farm facilities/	Justification
Agronomy	01	04	11	Labs are fully functional for UG & PG practical as well as for Research work

6.4.5. Conduct of Practical & hands-on-training:

All practical pertaining to Agronomy are carried out in Research Farm of agronomy and further research activities were also taken in well-equipped Laboratories. Students carry out hands-on activities under the instructions /supervision of course instructors.



Practicals and hands-on training to students in the laboratory



Students working in the Divisional Laboratories



Students working in the Divisional Field

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty for supervision of students
M.Sc. Agronomy	7	19 (4 from division and 15 from outside Division)

6.4.7. Feed back of stakeholders (Students, parents, industries, employers, farmers, etc.):

Feedback from students is received by individual teacher during their respective classes while interacting with them and is used in further improving the teaching. Parent's feedback is also received occasionally. Farmer's feedback is received during Extension activities of the Division in which team of Scientists visit their fields and gives solutions to their problems. Regular village visit and revisits to designated villages are conducted by various teams, which again helps in solving their problems in all the concerned fields like pest and diseases management, seed treatments, availability of improved variety seeds. Further, farmer's feedback is also received during biannual ZERAC meetings conducted by Directorate of Extension Education.

S.No	Stake-holders	Feedback	Feedback Mechanism supported by documents	Action initiated in the last five years to address the issue raised in the feedback
1	Students	<ul style="list-style-type: none"> • Feedback from students is received by individual course instructor during their respective classes while interacting with them • Feedback taken through regular interaction of student with his advisor and once in month with his advisory committees 		<ul style="list-style-type: none"> • Used in further improving the teaching • Feedbacks put forward through main academic bodies of the faculty such as 'Faculty of Agriculture' and 'Board of Studies, before taking to Academic Council

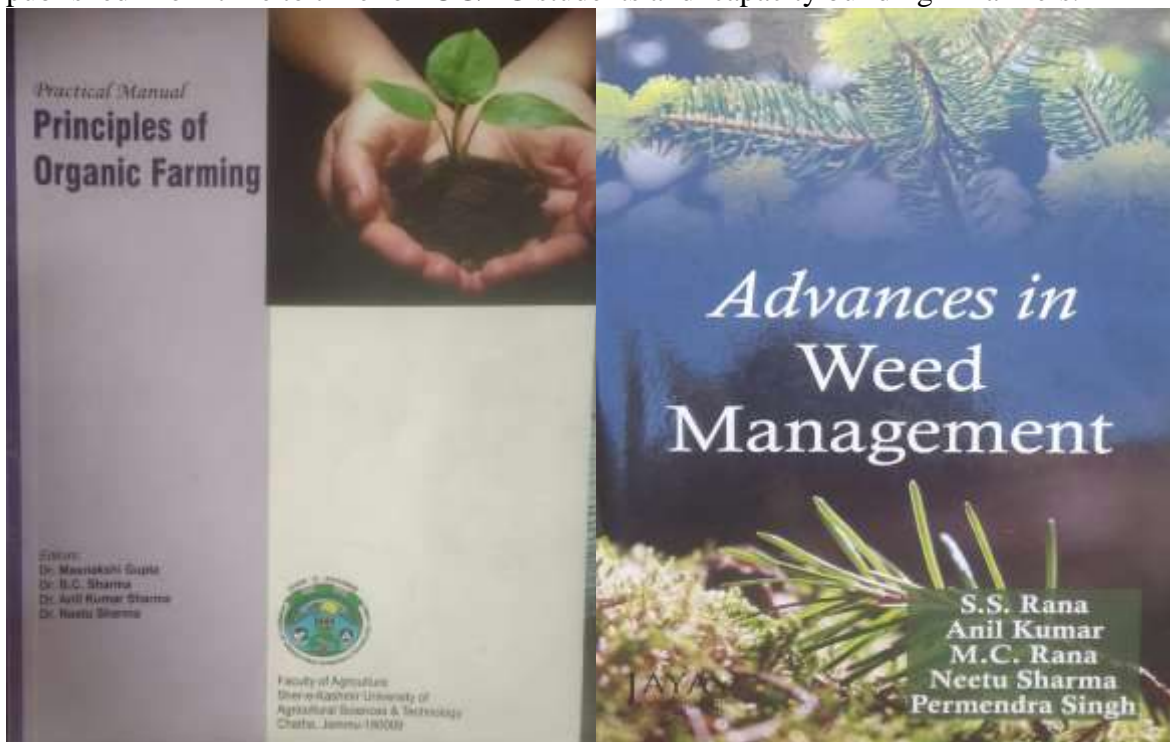
2	Farmers	Received during Extension activities of the Division in which team of Scientists visits their fields and gives solution to their problems. Regular Village Visit and revisits to designated villages are conducted by various teams, which help in solving their problems in all the concerned fields like pest and diseases management, seed treatments, availability of improved variety seeds. Further, farmer's feedback is also received during biannual ZERAC meeting conducted by Directorate of Extension Education.	Document is supported by proceedings of ZREAC	Various research programmes have been initiated and implemented
3	Industry	-	-	-
4	Parents	Received occasionally	-	-
5	Employers	-	-	-

6.4.8. Student intake attrition in the programme for last five years:

Degree programme	Actual students admitted in last five years					Attrition (%)				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
M.Sc. Agronomy	02	05	07	07	07	0	0	0	0	0

6.4.9. ICT Application in Curricula delivery:

ICT tools are being used for curricula delivery. Classroom has all the facilities such as projector for power point presentations during lectures and seminars. Online tools, power point and e-notes are used for teaching purpose. Students and faculty members have access to e-books and e- Journals. Many books , manuals ,extension bulletins etc. and have been published from time to time for UG/PG students and capacity building in farmers.

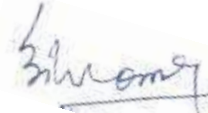


6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘MSc. Ag. Agronomy’

6.4.11. The data presented for Self Study Report for MSc. Ag. (Agronomy) degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, Dr. Bikram Singh, the Dean, Faculty of Agriculture, SKUAST-Jammu, Chatha hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.


Signature of Dean of the college with date and seal
23/04/21
Dean
Faculty of Agriculture
SKUAST-Jammu,
Chatha

M.Sc. Ag.

(Genetics and Plant Breeding)

M.Sc. Ag. (Genetics and Plant Breeding)

6.4.1. Brief history of the degree programme:

M.Sc. Ag. (Genetics & Plant Breeding) degree programme was started at R. S. Pura, in 1999. The Division of Plant Breeding & Genetics serves as the backbone of any agricultural system and so of SKUAST- Jammu. The division came into existence with the carving out of the SKUAST-J from United SKUAST in 1999.

The division primarily aims at improvement and development of field crop varieties either niche areas or well adapted to the different ecologies of Jammu. It targets improvement of Basmati and non-Basmati rice, Wheat, Rapeseed –Mustard, Pulses and some fodder crops like oats, etc.

Mandates

- Development of high yielding varieties of Basmati rice with improved quality traits and reduced maturity.
- Development of wheat varieties for resistance against stripe rust and leaf rust along with drought and heat tolerance.
- Development of rapeseed-Mustard varieties with improved resistance against insect-pests, diseases and oil quality.
- Human resource development in the area of conventional and molecular breeding.

Accomplishments of the Division of Plant Breeding & Genetics:

The division of Plant Breeding & Genetics since its inception in 1999 has led to the development of 18 varieties in different crops which include five in rice, four in wheat, eight in rapeseed mustard and one in Maize.

6.4.2. Faculty Strength:

S. No.	Post	Sanctioned strength	Faculty in Place	Vacant Position	Scientists of KVK/Res, Stations /Schemes ^{\$}	Faculty recommended by the ICAR/UGC/VCI/ other regulatory bodies
1	Professor	1	0	1	1	1
2	Associate Professor	3	2	1	2	1
3	Assistant Professor	4	1 [#] +2	1	2	2

- Promoted as Associate Professor under CAS from Assistant Professor

\$ Scientists of KVK/Research Stations/AICRP schemes involved in UG, PG & PhD teaching

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies.
1	Farm Superintendent	1	0	0
2	Jr. Stenographer	01	01	0
3	Computer Asstt	01	01	0
4	FCLA	04	03	0
5	Mali	02	01	0
6	OCC	03	02	0

6.4.4. Class Rooms & laboratories:

Degree programme	No. of classrooms	No. of functional laboratories	No. of major equipments/ farm facilities/	Justification
Genetics & Plant Breeding	02	07 Nos <ul style="list-style-type: none"> • UG Lab • PG Teaching lab. • Molecular Lab. • Tissue culture Lab. • Cytogenetics Lab. • Quality Lab • Nematology Lab. 	Major equipments <ol style="list-style-type: none"> 1. Spectrophotometer 2. Microscopes 3. Thermocyclers 4. Laminar air flows 5. Incubators 6. Refrigerator 7. Deep freezer 8. Microwave ovens 9. Electrophoretic Units 10. Autoclaves 11. Gel doc units 12. Hot air oven 	For PG Research

6.4.5. Conduct of Practical & hands-on-training:

Division has three well equipped PG laboratories for conducting practicals and a research farm of about seven hectare area for conducting on farm field experiments of PG students. The students are given hands on experience in laboratory as well as field experiments.



Fig: teachers demonstrating the technologies



Students' hands on training



Training and evaluation of technologies developed by division



Experimental Fields Division of Plant Breeding & Genetics

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty for supervision of students
M.Sc. Ag. Genetics & Plant Breeding	07	08

6.4.7. Feed back of stakeholders (Students, parents, industries, employers, farmers, etc.):

Students are asked to give feedback about the lecture delivery/instructions and any suggestion about change in teaching practices and its mode. Parents also come for interaction with major advisors and HoD. Based on their feedback regular up gradation in teaching practice is done. Interactions with farmers during Frontline demonstrations, On-farm trials and Minikit trials on farmers fields are conducted for their feedback on performance of new crop varieties. Farmers' feedback is also received through field functionaries. There is regular interaction with seed industry during testing of their varieties and hybrids in field trials for 2-3 years.

6.4.8. Student intake attrition in the programme for last five years:

Name of the degree programme	Actual students admitted in last five years					Attrition (percentage)				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
Genetics and Plant Breeding										
M. Sc.	3	6	6	7	7	0	0	0	0	0

6.4.9. ICT Application in Curricula delivery:

The ICT is being used adequately for curricula delivery. Faculty uses ICT resources at various avenues for improved functioning. Faculty employs internet for quick, effective, paperless, and traceable mode of communication.

The division is provided with internet facility which can be availed by students of all degree programmes. E-Journals, e-books, and online research articles are accessed by the students as well as the faculty. Latest online platforms like Google meet, Zoom, are used for online classes, seminars, examinations etc. All class rooms are fitted with computers, overhead projectors and smart boards. In order to analyse data generated from various experiments conducted by the teachers as well as students Windowstat Software from Indostat Services Hyderabad is available with Division. Various kinds of data analysis on breeding mating designs viz., Diallel, Line x Tester, Tripple Test Cross, Double Cross, Tripple cross, NCD designs as well as biometrical techniques viz., Generation mean, heterosis breeding and stability models are being performed thereby helping students as well as teachers.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘MSc. Ag. (Genetics and Plant Breeding)’

6.4.11. The data presented for Self Study Report for MSc. Ag. (Genetics and Plant Breeding) degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, Dr. Bikram Singh, the Dean, Faculty of Agriculture, SKUAST-Jammu, Chatha hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the college with date and seal

23/04/21
Dean
Faculty of Agriculture
SKUAST-Jammu,
Chatha

M.Sc. Ag.
(Agricultural Extension & Communication)

6.4.1. Brief history of the degree programme:

M.Sc. Ag. (Agricultural Extension & Communication) degree programme was started at R. S. Pura in 2005-06 to teach the students about different research methods, collection of data, processing of data and getting inferences from the data and with this broader concept. Technology explosion has occurred in every sphere of science. Indian agriculture cannot keep itself untouched from the effects of globalization. World is shrinking but technology dissemination methods are widening in its applicability and effectiveness. A lot of research has been developed by the scientists, but it has been observed that only 20-30 percent of it reached to the farming community. The traditional methods of transfer of technology are being replaced by the electronic media, the extension workers are becoming facilitators. To sustain the Indian agriculture globally, we need to develop an efficient and need based human resources that can cater to the need of the commercialized farmers. Since there have been no specialized academic programmes in the field of agricultural extension education, the introduction of the PG programmes therefore assumes special significance. The trained hands & skilled professionals can be produced who assist in blending the farmers experience and research findings in order to strengthen the farmer scientist and extension relationship.

Objectives:

- To provide learning experience so as to increase understanding of the agricultural extension education process and its application in the rural development programs.
- To develop among students a thorough understanding of the basic principles of learning, teaching and skill in the procedures and techniques of applying them both in class room and field conditions.
- To expose the students with various rural development programmes particularly aimed at poverty alleviation for analysis and to increase employment opportunities
- To demonstrate effective extension education teaching procedures, methods and techniques.
- To develop and carry on a continuous research in the methods and procedures of extension education.
- To prepare and publish relevant extension material relating to various issues and rural developmental programmes
- To acquaint students with the sources of useful information and material related to their professional need and help them to develop skills in collecting, processing and use of such information.

Accomplishments

In last five years, 25 students acquired the M.Sc. Agriculture degree in the discipline of Agricultural Extension & Communication. The passed out students of the division of Agricultural Extension Education has excelled in different fields. After acquiring the degree, the students were appointed to serve in different capacities in government as well as private institutions. Some of them have selected as SRF for pursuing Ph.D. in ICAR institutes.

6.4.2. Faculty Strength:

S. No.	Post	Sanctioned strength	Faculty in Place	Vacant Position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	1	1	0	0
2	Associate Professor	3	1*+1	1	1
3	Assistant Professor	3	1#+2	0	1

* - Promoted as Professor under CAS from Associate/Assistant Professor

- Promoted as Associate Professor under CAS from Assistant Professor

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies.
1	Junior Stenographer	01	01	0
2	EDP Supervisor	01	01	0
3	Artist-cum-Photographer	01	01	0
4	FCLA	02	02	0
5	OCC	01	01	0
6	Lab. Attendant	01	01	0
7	Audio Visual Operator	01	01	0

6.4.4. Class Rooms & laboratories:

Degree programme	No. of classrooms	No. of functional laboratories	Justification
Agricultural Extension & Communication	02	01	-



6.4.5. Conduct of Practical's & hands-on-training:

The students are exposed to village conditions under different courses. Students also conduct practical's on participatory problem identification, evaluation of different programmes and projects implemented by different agencies, training need assessment of different extension functionaries. Studies on adoption status and adoption gap of different crops and enterprises are also undertaken in practicals. Visits to various government institutions and NGOs, private enterprises concerned with agriculture and allied fields are also undertaken for on spot assessment of their working and developing entrepreneurship traits in the students. Course curriculum given by the ICAR is adopted for overall practical work.

Student READY (RAWE) was implemented from batch 2016 as per the recommendations of 5th Dean's committee report. Following learning outcomes are achieved as per the guidelines of ICAR:

1. Students are able to understand rural community life and different situations prevailing in villages with special reference to agriculture and allied vocations..
2. Students get familiarity with the socio-economic conditions of farmers and their problems with reference to agricultural development.
3. Students get an opportunity for practical training in Crop Production, Plant Sciences, Plant Protection, Social Sciences, Animal Production & Dairying, Agro- based Industries and Skill Oriented Training through work experience.
4. Development of communication skill among students in using extension teaching methods & in transfer of technology in the village.
5. The programme helps students to understand the agricultural technologies being followed by farmers and to prepare alternate farm plans to suit to the local situations in consultation with the farmers.
6. RAWE & AIA helps in developing entrepreneurial competence and traits in students by attaching them to job creating agri. ventures and enterprises.

6.4.6. Supervision of students:

Division	Degree Programme	Intake capacity of students	Qualified faculty for supervision of students		
Agricultural Extension Education	M.Sc. Ag. (Agricultural Extension & Communication)	07	06		
			S. No	Designation	Qualification
			1	Professor	Ph. D
			2	Professor	Ph. D
			3	Professor	Ph. D
			4	Assoc. Prof.	Ph. D
			5	Asstt. Prof	Ph. D
6	Asstt. Prof	Ph. D			

6.4.7. Feed back of stakeholders (Students, parents, industries, employers, farmers, etc.):

Feed back of Farmers, extension personnel of line departments are taken in different forums and accordingly the research work is carried out on those lines. During 7th extension council meeting one M Sc student was assigned the research work as per the feedback of stake holders.

Likewise two MSc. students of 2018 batch were given research problems o the basis of feedback of Director Agriculture and Director Horticulture regarding problems faced by the farmers of two different districts. The name of student and research title is as under

S. No	Name of student	Title of study
1	Mir Yasir Bashir J-18-M-532	A case study of olive growers of Doda and Ramban districts of Jammu region
2	Ms Chanchal J-18-M-537	Changes in agricultural land use pattern over time in Kathua district of Jammu & Kashmir

On farm solutions are provided for the field problems. Farmers' feedback is also noted through field functionaries during T&V workshops. Farmers are connected through off line mode (Field visits and, Village visit programme) and through online mode (Whats' app groups) to address their problems. Regular visits are conducted by the faculty members to get regular feedbacks.

6.4.8. Student intake attrition in the programme for last five years:

Name of the degree programme	Actual students admitted in last five years					Attrition (%)				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
M. Sc. Ag. (Agricultural Extension & Communication)	02	04	06	06	07	0	0	0	0	0

6.4.9. ICT Application in Curricula delivery:

Classes are taken in Smart Class Rooms. Students are asked to do the project work and assignments through PPT mode and almost all interactions in this regard are through power point presentation. Course wise Whats app groups are created for discussion among the students and online classes through different social networking sites like Zoom, Google Meet are regularly conducted particularly during the Covid-19 period. E-courses are also delivered to the students.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – 'MSc. Ag. (Agricultural Extension & Communication)'

6.4.11. The data presented for Self Study Report for MSc. Ag. (Agricultural Extension & Communication) degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, **Dr. Bikram Singh, the Dean, Faculty of Agriculture, SKUAST-Jammu, Chatha** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the college with date and seal

23/04/21
Dean
Faculty of Agriculture
SKUAST-Jammu,
Chatha

M.Sc. Ag.
(Soil Science & Agril.
Chemistry)

6.4.1. Brief history of the degree programme:

M.Sc. Soil Science & Agricultural Chemistry degree programme was started at R. S. Pura, in 1999. The primary objective of the Post-graduate programme was to impart quality education, carry out research as well as to nourish and develop quality and skilled individuals in the field of Soil Science. Since the inception of the programme there have been significant additions and improvements in the general infrastructure & laboratory facilities, and appreciable growth & betterment in the quality of education and research. The subject of Soil Science and Agricultural Chemistry has been a backbone to the India's growing agricultural yields. Our Post-graduate programme too makes a major contribution to the overall research profile with areas ranging from plant nutrition to mitigating climate change. In recent years two of our Master's students have received prestigious awards for their research work from nationally recognized societies focusing on soil conservation. Multiple Masters's students have come together to generate soil fertility map of the entire Jammu Division district by district.

Objectives of the programme

The primary objective of the M.Sc. Soil Science & Agricultural Chemistry degree programme is to impart quality education, carry out research as well as to nourish and develop quality and skilled individuals in the field of Soil Science. The programme focussed on conducting fundamental and applied research in physical, chemical and biological properties of soil with priority research areas as plant nutrition, soil and water conservation, soil quality management, climate change mitigation.

Accomplishments

In recent years two of our Master's students have received prestigious awards for their research work from nationally recognized societies focusing on soil conservation. Three students qualified ICAR NET. The students have contributed in generating district-wise soil fertility maps of entire Jammu division. Besides, the findings of research conducted by students in the division have also contributed in updating of package of practices. Three students bestowed with BEST THESIS award. Several others won best poster presentation, student initiative and e-poster awards in different Conferences/symposia.

6.4.2. Faculty Strength:

S. No.	Post	Sanctioned strength	Faculty in Place	Vacant Position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	1	1	0	0
2	Associate Professor	3	1*	2	1
3	Assistant Professor	4	1*+2#+1+2\$	0	2+1

* - Promoted as Professor under CAS from Associate/Assistant Professor

- Promoted as Associate Professor under CAS from Assistant Professor

\$ - Promoted as Assistant Professor under CAS from STA

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies.
1	Jr. Stenographer*	1	1	0
2	EDP Supervisor*	1	1	0
3	FCLA**	3	3	0
4	Mali [#]	2	2	0
5	LabAttendant/OCC ^{##}	2	2	0

*For office support

**One FCLA for management of Laboratories and Instruments; One FCLA for field management and field work supervision; One FCLA for management of store and supplies including field inputs, Laboratory consumables, instrumentation and equipment records etc.

[#]Field work

^{##}Laboratory and Office support

6.4.4. Class Rooms & laboratories:

Degree programme	No. of classrooms	No. of functional laboratories	No. of major equipment/ farm facilities/	Justification
Soil Science and Agril. Chemistry	1	5	27	Labs are fully functional for UG & PG practical as well as Research work

Major Laboratories (05)

- High End Instrumentation Lab
- Basic Instruments and General Soil testing
- 02-Standard Laboratories for Soil Chemistry and fertility, Soil Physics etc.
- 01-Exclusive Soil Microbiology Laboratory

List of Major Instruments/equipment

S. No.	Item	No.
1	Water purification system	1
2	Atomic Absorption Spectrophotometer	1
3	CHNS analyzer	1
4	BOD incubator	1
5	Centrifuge	2
6	Deep Freezer	1
7	Nitrogen Auto Analyser	3
8	Hydraulic conductivity meter	1
9	Yoder Wet sieving Apparatus	1
10	Hot Air Oven	3
11	Analytical balance	6
12	Muffle Furnace	2
13	Spectrophotometer	2
14	pH meter	5

15	Conductivity meter	5
16	Flame Photometer	3
17	Penetrometer	1
18	Permeability apparatus	1
19	Infiltrometer	3
20	Total Carbon Analyzer	1
21	Distillation apparatus	3
22	Soil and water potential meter	1
23	Laminar Air flow	1
24	Online UPS	3
25	Water Bath	1
26	Shaker	3
27	Digestion Block	2

Apart from quality Instrumentation, the division owns powerful remote sensing and GIS software:

S. No.	Software	Capability
1	ArcMAP v 9.2 and v 10.0	Powerful GIS software with some image processing capabilities.
2	ENVI	Digital Image Processing Software for remote sensing Imageries
3	GS+	Geostatistical calculations with GIS/mapped outputs



Some major Instruments (CHNS analyzer and AAS) in the Division of Soil Science and Agricultural Chemistry

6.4.5. Conduct of Practical & hands-on-training:

All practical pertaining to Soil Science and Agricultural Chemistry are carried out in well-equipped Laboratories. Students carry out hands-on activities under the instructions /supervision of course instructors. List of Instruments and functional Laboratories are mentioned in the preceding section (d).



Students working in the Divisional Laboratories



Students are advised to carry out their research work in organised manner. Examples of neat execution of soil analysis by our research scholars.



Field and pot studies by our students

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty for supervision of students
M.Sc. Ag. (Soil Science and Agril.Chemistry)	7	15 (8 from division and 7 from outside division)

Yearly intake of the division is seven students including one through ICAR. Students are given a choice to pick their advisor from among the eligible members in a roster, based on their merit. Faculty from outside the main division is also actively involved in supervision of students. This helps in covering wide range of research fields by the division.

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

Student's feedback is received regularly through one-to-one interaction, through Major Advisors and advisory committee meetings. Student-Advisor meetings/interactions happen on regular basis while advisory committee meetings are held a minimum once in each semester. This is in addition to meetings held for framing committees, deciding courses and developing research programme. Course teachers also obtain feedback from students through personal interactions. Occasional feedback is received from parents through personal communication. Important feedback concerning regulatory changes is put forward through main academic bodies of the faculty such as 'Faculty of Agriculture' and 'Board of Studies, PG' and discussed at length in their meetings before taking it to the University level 'Academic Council'. Non-regulatory issues, concerning student requirements general issues are resolved at divisional level.

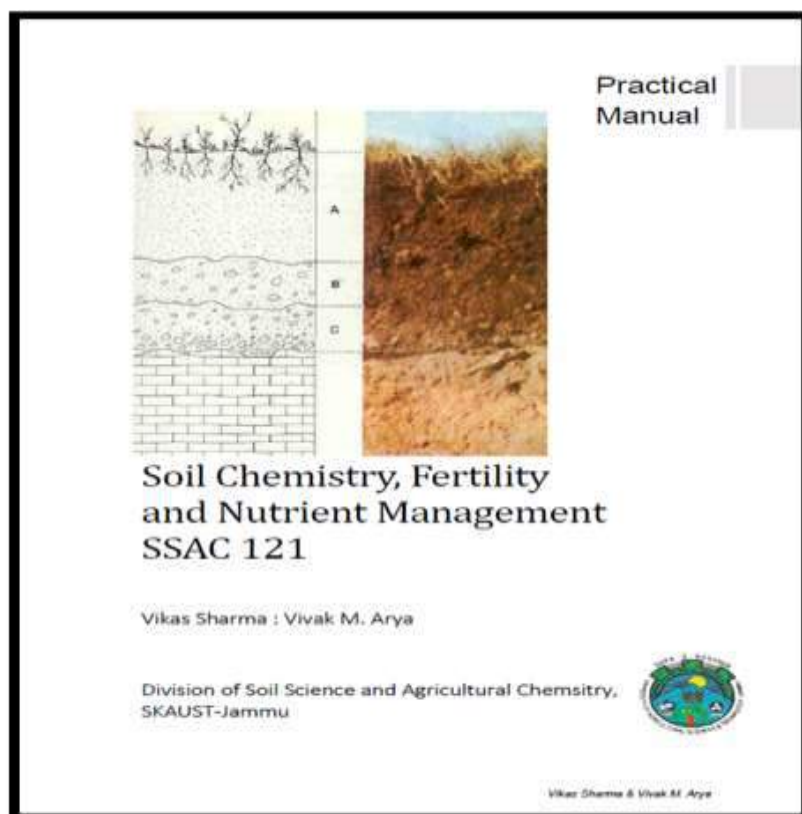
Farmers' get their soil samples tested in the division of soil science & agricultural chemistry on regular basis and during the submission of samples they provide their feedback and inputs regarding issues faced by them. Their issues are resolved through personal communications, through field functionaries of the line departments, statutory level meetings, concerned KVKs etc. Employees regularly provide feedback on various activities of the division through frequent meetings.

6.4.8. Student intake attrition in the programme for last five years:

Name of the degree programme	Actual students admitted in last five years					Attrition (%)				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
M.Sc.Ag. (Soil Science and Agril. Chemistry)	3	6	7	7	7	0	0	0	0	0

6.4.9. ICT Application in Curricula delivery:

ICT tools are being used for curricula delivery. Classroom has all the facilities such as projector for power point presentations during lectures and seminars. Online tools, power point and e-notes are used for teaching purpose. Students and faculty members have access to e-books and e- Journals.

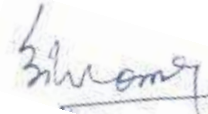


6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘MSc. Ag. (Soil Science & Agril. Chemistry)’

6.4.11. The data presented for Self Study Report for MSc. Ag. (Soil Science & Agril. Chemistry) degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, **Dr. Bikram Singh, the Dean, Faculty of Agriculture, SKUAST-Jammu, Chatha** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.


23/04/2016
Signature of Dean of the college with date and seal
Dean
Faculty of Agriculture
SKUAST-Jammu,
Chatha

M.Sc. Ag.
(Entomology)

6.4.1. Brief history of the degree programme:

M.Sc. Ag. (Entomology) degree programme is offered by the Division of Entomology. The division started at R.S. Pura as a section of Entomology at Regional Agriculture Research Station, R.S.Pura, Jammu since the inception of SKUAST, J&K. With the bifurcation of university in September 1999, the Division attained a full-fledged status to offer M.Sc. Ag. (Entomology) degree programme for developing skilled and efficient human resource in the field of entomological at Faculty of Agriculture, Udheywalla. The division moved to its present location at main campus Chattha in May 2008. The Division is entrusted with the specific objectives of evolving IPM strategies for major pests of cereals, pulses, vegetables, fruits, oilseeds and, estimation of pesticide residues and developing management practices for honey bee. The Division also undertakes extension activities in collaboration with the Directorate of Extension Education. It also imparts need based training to farmers and agricultural officers of Jammu. The department has got one UG , PG laboratory and an Insect Museum which cater to the needs of students for conducting practical and imparting identification skills for the respective programmes. To further strengthen the research on entomological aspects, well equipped research laboratories on Economic Entomology, Biological Control, Toxicology and Pesticide Residues have been recently developed.

Objectives

M.Sc. Ag. (Entomology) degree programme has been started with the specific objectives as given below:

- To serve as a centre of excellence in Entomological research through need-based integrated pest management strategies besides biocontrol, insecticide toxicology, and management of beneficial insects.
- To conduct research on need based and location specific problems in pest management, biological control, insecticides toxicology, acarology and beekeeping.
- To inculcate instructional capacity, problem-solving skills and entrepreneurship among students.

Accomplishments

- The Division has contributed to the human resource pool of agriculture and allied sectors through provision of 36 well-trained post graduate students.
- The research carried out by students of M.Sc. Ag. (Entomology) degree programme has contributed in development of pest management practices in major crops such as basmati rice, off-season tomato and maize.
- The research work carried out under M.Sc. Ag. (Entomology) degree programme have been published as research papers in reputed national and international journals.

6.4.2. Faculty Strength:

S. No.	Sanctioned faculty	Faculty in Place	Vacant Position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	0	1	1
2	Associate Professor	1 (1 [*])	2	3
3	Assistant Professor	8 (1+1 [*] +2 [#] +4 ^{&})	1	4

* - Promoted as Professor under CAS from Associate/Assistant Professor

- Promoted as Associate Professor under CAS from Assistant Professor

& Adjunct faculty from Research Station

6.4.3. Technical & Supporting Staff:

S. No.	Sanctioned Technical and supporting staff	Sanctioned Technical and supporting in place	Vacant positions	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies.
1.	Jr. Stenographer	01	-	0
2.	Computer Assistant	01	-	0
3.	FCLA	04	01	0
4.	Mali	02 (01 [*])	01	0
5.	OCC	03(01 [*])	01	0

*Attached with VC Secretariat and ACHR, Udheywalla

6.4.4. Class Rooms & laboratories:

The Division of Entomology has sophisticated equipments with laboratories for testing of plant products, phytonematodes, biosystematics, pollinators and beekeeping.

Degree programme	No. of classrooms	No. of functional laboratories	Justification
M. Sc. Entomology	01	05 UG Lab PG Lab Toxicology Laboratory Apiculture Laboratory Biocontrol Laboratory Plant Clinic	Laboratories are fully equipped for conducting UG/PG research on economic entomology and IPM, toxicology, biological control and apiculture

The Division has well developed research Farm for conducting experimental trials of PG students as well as for demonstration of students/farmers/officials from line department. Besides Technology park has been developed for demonstration of latest IPM technologies of major crops. The well maintained Apiary is in place for conducting research on honeybees and demonstration among students/farmers/beekeepers/line department officials.



Technology Park



Research Farm (Entomology)

6.4.5. Conduct of Practical & hands-on-training:

Practical classes are conducted in the laboratories as well in the field. Collection, identification and preparation of insectarium is done through field visits, entomological tours etc. Students are provided with hands on training in apiculture, plant clinic and practical on IPM technologies. Laboratories and apiculture unit are well equipped to conduct laboratory/field experiments.





Beekeeping Unit



Field visit of students

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty for supervision of students	Students /faculty as per RRI	Actual students faculty
M.Sc. Ag. Entomology	11	09	3 students/assistant Professor 4 students /Associate Professro 5 students /Professor	02 students/Asstt. Professor 03 students /Associate Professro 04 students /Professor

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

Regular feedback taken through interaction and meeting with faculty and students through personnel interaction at the end of mid- term examination and before the end term examination. All the students have been connected through on line mode to express their views. Regular consultations are provided to the farmers regarding diagnosis and management of insect-pest problems. On the spot solution are provided to the farmers and the record of farmers visiting the Division is maintained. Quite often the scientists visit the farmers fields and recommend to farmers the possible management measures against major insectest of agricultural and horticultural crops.Consultation is also provided for setting up of new apiculture units. Different pesticides trials are regularly conducted by the Division through interaction with the industrial staff. As and when necessary, parents of the students

are updated about the progress of their wards through personal interactions. Regular meetings are conducted time-to-time to redress issues pertaining to smooth functioning of Division through routine as well as need based interaction meetings. Appropriate actions were taken on the suggestions made by students for infrastructure, teaching and research activities.



Teacher –Students Monthly Meet

6.4.8. Student intake attrition in the programme for last five years:

Degree programme	Actual students admitted in last five years					Attrition (%)				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
M. Sc. Entomology	04	06	10	11	05	0	0	10.00*	9.00	0

*The student left the Institute as they got employment in the state government.

6.4.9. ICT Application in Curricula delivery:

Faculty members of the Division have developed four e-courses for the students. Modern audio-visual aids are being used in teaching. Online platforms such as Zoom app, Google meet, Microsoft teams are also used during the COVID-19 pandemic for teaching, conducting thesis and credit seminars. E resources for insect identification, Biocontrol, Pollinators were created and circulated among students besides e notes.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘MSc. Ag. (Entomology)’

6.4.11. The data presented for Self Study Report for MSc. Ag. (Entomology) degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, **Dr. Bikram Singh, the Dean, Faculty of Agriculture, SKUAST-Jammu, Chatha** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Bikram Singh
23/04/21
Dean
Faculty of Agriculture
SKUAST-Jammu,
Chatha

Signature of Dean of the college with date and seal

M.Sc. Ag. Horticulture (Floriculture & Landscaping)

M.Sc. Ag. Horticulture (Floriculture and Landscaping)

6.4.1. Brief history of the degree programme:

Floriculture activities were started in the Division in the Year 2001 with appointment of 02 Assistant Professors. Preliminary work on collection evaluation and maintenance was initiated in major floricultural/ornamental crops of Jammu region through externally/University funded projects. Because of the high demand for horticulture experts; M.Sc. Ag. Horticulture (Floriculture and Landscaping)' degree programme was started at Chatha, in 2010 to impart knowledge and practical training to students in production, breeding and seed production aspects in flower and ornamental crops.

Objectives

The major objective for introduction of this degree programme is to evaluate germplasm of major floricultural / ornamental crops for identifying promising varieties/genotypes and also to standardize and refine their production technologies with specific focus on

- Variability and clustering of genotypes
- Integrated Nutrient Management
- Weed Management
- Crop geometry and planting time
- Post harvest management

Accomplishments

- 09 students have accomplished their M.Sc in Floriculture and Landscaping and 03 are persuing.
- All the recommendations of various ornamental crops have been compiled in the shape of package of practices.
- Promising genotypes/ varieties of gladiolus and marigold have been popularized for cultivation in Jammu region
- Crop geometries planting time, weed management and nutrient management of marigold and gladiolus have been standardized

6.4.2. Faculty Strength:

S. No.	Post	Sanctioned strength	Faculty in Place	Vacant Position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	0	0	0	1
2	Associate Professor	1	1*	0	1
3	Assistant Professor	3	3**	0	2

* Promoted as Professor under CAS from Associate/Assistant Professor

** Two Assistant Professors (Landscaping) attached with the Division

6.4.3. Technical & Supporting Staff*:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies.
1	FCLA	Nil	Nil	0
2	Jr. Stenographer	Nil	Nil	0
3	Computer Asstt.	Nil	Nil	0
4	Mali/OCC	Nil	Nil	0

*There is no demarcation regarding technical and supporting staff between Vegetable Science and Floriculture sections of the Division and full details have been mentioned in the Vegetable Section.

6.4.4. Class Rooms & laboratories:

Degree programme	No. of classrooms	No. of functional laboratories	No. of major equipments/ farm facilities/	Justification
M.Sc. Ag. Horticulture (Floriculture and Landscaping)	Nil	Nil	Nil	There is no demarcation regarding classrooms and laboratories between Vegetable Science and Floriculture sections of the Division and full details have been mentioned in the Vegetable Section

6.4.5. Conduct of Practical & hands-on-training:

All the PG students are provided breakup of course curriculum well in advance before the start of classes. A 2+1 Cr. Hrs. course comprises of 32 theory and 15 practical's which are taught comprehensively by giving equal opportunity to all the students take hands-on experience in both the laboratories and field experiments.



PG Lab

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty for supervision of students
M.Sc. Ag. Horticulture (Floriculture and Landscaping)	03	04

6.4.7. Feed back of stakeholders (Students, parents, industries, employers, farmers, etc.):

Students are enquired about the quality of lectures delivered through personnel interaction at the end of mid- term examination and before the end term examination. All the students are connected through on line mode to express their views. Farmers’ feedback is also taken from field functionaries during T&V workshops. Farmers are connected through off line mode (Field visits, Village visit programme) and through online mode (Whats’app groups) to address their problems. Parents are advised to pay regular visits in the division for interactive sessions regarding their wards academic progress. Feedback of employees is taken through personnel interactions.



6.4.8. Student intake attrition in the programme for last five years:

Degree programme	Actual students admitted in last five years					Attrition (%)				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
M.Sc. Ag. Horticulture (Floriculture & Landscaping)	17	18	19	20	21	17	18	19	20	21
	2	2	3	3	3	50.00	0	33.00	33.00	0

6.4.9. ICT Application in Curricula delivery:

The use of ICT tools is a regular feature in horticulture education, research and training. Virtual platforms are being used for imparting education to the students. Besides, in curricula delivery, various modules have been designed by the Division



6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘MSc. Ag. Horticulture (Floriculture & Land Scapping)’

6.4.11. The data presented for Self Study Report for ‘MSc. Ag. Horticulture (Floriculture & Land Scapping) degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, **Dr. Bikram Singh, the Dean, Faculty of Agriculture, SKUAST-Jammu, Chatha** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Bikram Singh

Signature of Dean of the college with date and seal

22/06/21
 Dean
 Faculty of Agriculture
 SKUAST-Jammu,
 Chatha

M.Sc.
(Food Science & Technology)

M.Sc. Food Science and Technology

6.4.1. Brief history of the degree programme:

M.Sc. Food Science and Technology degree programme was started at Udheywalla in 2001-02 and PG programme was separated from Division of Pomology to impart knowledge and practical training to students in food processing and postharvest management, to carry out research in Food Science and Technology for human resource development and entrepreneurship development for generating employment through value addition and processing of food crops for reduction of postharvest losses.

Accomplishments

The major accomplishments of M.Sc. Food Science and Technology degree programme in the last five years are given below:

- 25 students have been awarded M. Sc. Agriculture degree in Food Science & Technology w.e.f 2016 to 2021.
- One (01) student is placed in IFFCO and 1 student is placed in Haryana Agriculture department

6.4.2. Faculty Strength:

S. No.	Post	Sanctioned strength	Faculty in Place	Vacant Position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	0	0	0	0
2	Associate Professor	1	1*	0	0
3	Assistant Professor	4	1#+2+1@	1	0

* - Promoted as Professor under CAS from Associate/Assistant Professor

- Promoted as Associate Professor under CAS from Assistant Professor

@ - Promoted as Professor under CAS from STA

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies.
1.	Computer Asstt	01	01	0
2.	FCLA	02	02	0
3.	OCC	01	01	0

6.4.4. Class Rooms & laboratories:

Degree programme	No. of classrooms	No. of functional laboratories	No. of major equipments/ farm facilities/	Justification
M. Sc. Food Science and Technology	1	3	Refrigerated-centrifuge	All Labs are fully functional for UG & PG Research.
			Freeze drier	
			Dehydrator	
			Spectrophotometer	
			Soxlet	
			Hunter lab colorimeter	
			HPLC	
			Moisture analyser	
			AAS	
			Muffle Furnace	
			Shrink wrapping machine	
			Pulper	
			Juice extractor	
			Semi automatic juice filling machine	
Canning line				
Baby boiler				



Quality Control laboratory



Food Processing Laboratory



Lectures delivered on "Nutrition Day"

6.4.5. Conduct of Practical & hands-on-training:

All practicals are carried out in Laboratories. Students carry out hands-on activities under the supervision of course instructors.



Practicals conducted by students in Quality Control Laboratory and Food Processing Laboratory



Celebration of Nutrition Day

6.4.6. Supervision of students:

Division	Degree Programme	Intake capacity of students	Qualified faculty for supervision of students
Food Science And Technology	M. Sc.	7	All the 5 faculty members are well qualified for supervision

6.4.7. Feed back of stakeholders (Students, parents, industries, employers, farmers, etc.):

.Advisory committee meetings are held from time to time to assess progress of students and get their feedback. Value addition of different farm products like vegetables, fruits, mushrooms etc. is advocated to the farmers through standardized procedures and protocols. Feedback is also taken during different training programmes from officers of State horticulture, Agriculture, Planning and Marketing, ICDS workers and Village visit programmes

6.4.8. Student intake attrition in the programme for last five years:

Degree programme	Actual students admitted in last five years					Attrition (%)				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
M. Sc.Food Science and Technology	02	04	07	07	05	0	0	28.00	0	0

6.4.9. ICT Application in Curricula delivery:

Lectures are delivered using platforms like Google Meet, Zoom meeting, Whatsapp, etc. utilized during Covid 19 pandemic for curriculum delivery of online presentations, oral comprehensive and thesis viva voce exams.

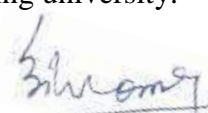
6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘MSc. Food Science and Technology’

6.4.11. The data presented for Self Study Report for MSc. Food Science and Technology degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, Dr. Bikram Singh, the Dean, Faculty of Agriculture, SKUAST-Jammu, Chatha hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the college with date and seal


23/04/21
Dean
Faculty of Agriculture
SKUAST-Jammu,
Chatha

M.Sc.
(Forestry)

M.Sc. Forestry

6.4.1. Brief history of the degree programme:

The need for institution of Master's Programme in Forestry at SKUAST-Jammu was felt because a large number of undergraduate students from J&K used to go outside the union territory for acquiring higher education in Forestry. Also to explore, enhance, conserve and scientific study of rich biodiversity and forest wealth of J&K, it became more obvious to produce professionals in the field. The post-graduates in forestry thus produced have employment potential in Department of Forest, Department of Wild life, Department of Ecology, Environment and Remote Sensing, Watershed Department, Govt. of J&K besides environment related projects/schemes implemented in the region. This programme also provide opportunity for the state departmental personals to improve their qualification and updation of knowledge and skills in the field of forestry and related disciplines. After deliberation in the Board of Studies and Faculty of PG studies and with the final concurrence from Academic Council, SKUAST-Jammu, M.Sc. Forestry degree programme was finally institutionalized at Chatha, in 2006-07.

Objectives

The major objective of MSc. Forestry degree programme is to impart quality education and carry out research in forestry to meet the professional needs.

Accomplishments

- All the pass out students have been recruited in UT Forest Department, Wild life department, Public & private Sector banks, Handicrafts Department, Finance department, revenue department etc. One foreign national has also completed M. Sc. Forestry from this division.

6.4.2. Faculty Strength:

S. No.	Post	Sanctioned strength	Faculty in Place	Vacant Position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	1	0	1	0
2	Associate Professor	3	3*	0	0
3	Assistant Professor	3	1*+1#+1	0	0

* - Promoted as Professor under CAS from Associate/Assistant Professor

- Promoted as Associate Professor under CAS from Assistant Professor

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies.
1	FCLA	02	01	0
2	Stenographer	01	0	0
3	Computer Assistant	01	0	0
4	Mali	02	01	0
5	OCC/helper	02	01	0

6.4.4. Class Rooms & laboratories:

Division	No. of classrooms	No. of functional laboratories	No. of major equipment's/ farm facilities/	Justification
Agro-Forestry	1	-	-	For conducting PG teaching and seminars (Smart classroom with power backup facility)
		1 (PG Lab)	Seed germinator -01, Flame photometer-01, Ravi's Altimeter-02, Clinometer-02 pH & conductivity meter-01 Oven-02, GPS-01 Abney's level-01, Increment borer-01, Tree caliper-15, Lux meter-01 Sound Level Meter-02, TDS meter-01, Leaf area meter-01 Spectrophotometer-01, Water distillation unit-01, M&AP dried samples	For conducting PG practicals and research pertaining to forest biometry, agroforestry, silviculture, medicinal and aromatic plants (Equipped with power backup and fire extinguishing equipment)
			<u>Farm equipments</u> Power operated pit digger-02 Power chain saw-01 Battery operated spray pumps-2 Power operated spray pump-01 Pruning saw-02 Secateurs-05, Ladders-5	To carry out field work in practicals/research work
			Shade net structure-02 Mist Chamber-01	Propagation studies and production of quality planting material
			Herbal Garden- 01 ha Experimental area: 2 ha	For creating awareness, germplasm conservation and multiplication of M&APs and conduct of research trials. Plantation of different tree species such as Poplar, eucalyptus, <i>Meliacomposita</i> , <i>M. Dubia</i> , <i>M. Azadirach</i> , Salix, harad have been done to undertake studies on different aspects. Quality planting material of M&APs, tree species are produced for further distribution.



Herbal Garden view established at Chatha



Nakshatra and Navgraha Vatika



Field Gene bank of *Terminalia chebula*

Agroforestry Experimental Farm



Bud wood bank of *Terminalia chebula* Eucalyptus plantation for growth and tree crop interaction studies



Growth evaluation trails of different *Melia* species

6.4.5. Conduct of Practical & hands-on-training:

The practicals are conducted in the laboratories and hands- on exercises on different practicals are conducted in the nursery as well as in field.



Students during layout, preparation of beds and sowing in practical for raising medicinal crop



Students recording tree growth parameters in biometry course practical



**Students taking seed germination observations in the laboratory
Van Mahotsava**



“Festival of trees-Vanmahotsava” being celebrated at Chatha Campus

6.4.6. Supervision of students:

Division	Degree Programme	Intake capacity of students	Qualified faculty for supervision of students
Agroforestry	M.Sc. Forestry	4	6 +3 [#]

[#]03 scientist from KVK involved in teaching and advisement of PG students

6.4.7. Feed back of stakeholders (Students, parents, industries, employers, farmers, etc.):

Students: Students requested to maintain hygienic conditions in the laboratories and scholar room to prevent the spread of COVID-19 infection. The sanitizer dispenser was installed and laboratories are sanitized regularly. Students also requested to conduct field trips to nearby wood based industries and wildlife sanctuaries to have practical knowledge of the subject. Students are now taken to nearby wildlife sanctuaries and industries such as saw mills, pencil industry, plywood industry etc. The power back was provided in PG laboratory and PG class room as students informed that their lab/class work suffer during power failure. The student raised their issues during advisory committee meeting and sometimes comes forward personally to highlight their demand.

Farmers: Farmers have the issue with seed germination and propagation of Harad(*Terminalia chebula*). Feedback gathered through various media like electronic modes as well as personal interaction in “Village Visit and Revisit Programme”. Standard protocols have been developed.



Farmers visited Herbal Garden during the KisanMela held at SKUAST-J w.e.f. 16-20th, March, 2021

6.4.8. Student intake attrition in the programme for last five years:

Degree programme	Actual students admitted in last five years					Attrition (%)				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
M. Sc. Forestry	2	3	3	4	4	0	0	0	25	0

6.4.9. ICT Application in Curricula delivery:

Modern audio-visual aids are being used in teaching. Besides this, online platforms such as Zoom app, Google meet, Microsoft teams are also used during the COVID-19 pandemic for teaching, conducting thesis and credit seminars. The practical manuals on “Medicinal and aromatic plants”, “Manual on Biometry”, “Manual on Environment Science” and “Introduction to Forerstry” have been prepared and e-copies are being distributed among students.

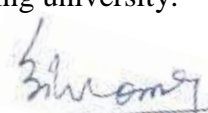
6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘MSc. (Forestry)’

6.4.11. The data presented for Self Study Report for MSc. Forestry degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, **Dr. Bikram Singh, the Dean, Faculty of Agriculture, SKUAST-Jammu, Chatha** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the college with date and seal


23/04/21
Dean
Faculty of Agriculture
SKUAST-Jammu,
Chatha

M.Sc. Ag. Horticulture (Fruit Science)

6.4.1. Brief history of the degree programme:

The Division of Pomology & Post Harvest Technology of SKUAST-Jammu was created in 1999 with the bifurcation of Sher-e-Kashmir University of Agricultural Sciences & Technology which was constituted in 1982. Till date, the Division is associated with research, extension education and under-graduate/Post-graduate teaching. The major activities of this Division are to conduct research, to improve production, productivity and quality of different fruit crops and to develop efficient post harvest technologies for different horticultural produce. From inception of this Division significant contribution through research for the advancement of fruit culture and providing practical solutions to the problems confronting fruit industry in general, and for Jammu & Kashmir state in particular. In order to refine and make this Division to work with more precession, the Competent Authority bifurcated this Division into two Sections, namely (1) Fruit Science Section, and (2) Post Harvest Technology Section. M.Sc. Ag. Horticulture (Fruit Science) degree programme was started at Chatha, in. 2006-07 to impart quality education and carry out research in Fruit Science to meet the professional needs.

Objectives:

- i. To inculcate skill and knowledge to meet the challenges of providing increasing employment opportunities to young horticultural graduates in academic institutions, development departments, industries, financial institutions, and service sector.
- ii. To conduct research on various aspects of Fruit Science.

Accomplishments:

- 15 students have been awarded M. Sc. Agriculture degree in Fruit Science w.e.f 2016 to 2021. 08 students qualified NET and 01 student each qualified JRF and SRF.

Student qualifying JRF

S. No.	Name of the student	Registration no.	Year
	Ms. Sarita	J-17-M-501	2016

List of students qualifying NET

S. No.	Name of the student	Registration no.	Year
1	Ms. Ambika Bhandari	J-15-D-246-A	2018
2	Ms. Simrandeep Kour	J-15-D-247-A	2018
3	Ms. Koushalya Devi	J-15-D-248-A	2018
4	Ms. Shilpy Kumari	J-15-D-250-A	2018
5	Mr. Manmohan Lal	J-16-D-285-A	2018
6	Ms. Susmita Das	J-18-D-341-A	2018
7	Ms. Komal Dogra	J-16-M-445	2018

6.4.2. Faculty Strength:

S. No.	Post	Sanctioned strength	Faculty in Place	Vacant Position	Faculty from Research Stations/KVK/ Administration	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	1	0	1	-	1
2	Associate Professor	1	0	1	2	2
3	Assistant Professor	5	1 [#] +3	1	3	3

- Promoted as Associate Professor under CAS from Assistant Professor

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ other regulatory bodies.
1.	Jr. Stenographer	01	01	-
2.	FCLA	03	03	-
3.	Mali	04	01	-
4.	OCC/Lab. Attendant	01	01	-

6.4.4. Class Rooms & laboratories:

Degree Programme	No. of classrooms	No. of functional laboratories	No. of major equipments/ farm facilities/	EL units	Justification
M.Sc. Ag. Horticulture (Fruit Science)	01	03	37*	01	For PG teaching/ research and UG teaching (Practicals)

*List of equipments in the PG laboratory of the Division of Fruit Science

S.No.	Name of the equipments
1.	Micro-centrifuge
2.	Midi Gel electrophoresis
3.	Deep Freezer (vertical)
4.	Electrophoresis system
5.	Universal Gradient Cyclor (PCR)
6.	Minilumi (Geldoc)
7.	Refrigerator (LG)
8.	Magnetic stirrer with Hot Plate
9.	Vortex Shaker
10.	Digital Electronic Balance
11.	Water Distillation unit
12.	5 KVA UPS (Uniline)
13.	Water Bath (Double walled)
14.	Desktop with TFT Display (HP)
15.	GPS (Garmin Montana)
16.	Camera (Canon)

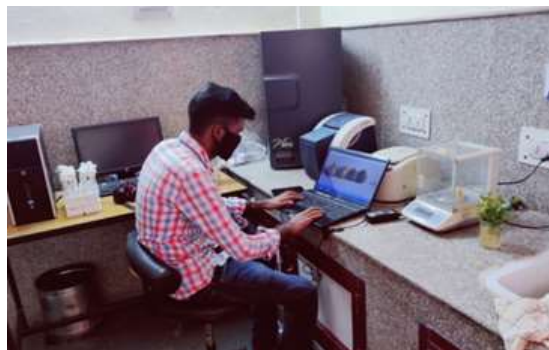
17.	Digital Magnetic stirrer
18.	Refrigerator
19.	Digital pH meter
20.	Autoclave
21.	Electronic balance
22.	Genset 25 kva (diesel)
23.	Laminar Air Flow
24.	Cryocane (cap. 20 ltrs)
25.	Digital pH meter
26.	Water Bath (serological)
27.	Microwave Oven
28.	Cryocane(cap. 07 ltrs)
29.	Elisa Reader
30.	E.C. Elisa washer
31.	Electronic Balance (Wensar)
32.	Digital Vernier Calliper
33.	Digital hand Refractometer
34.	Digital moisture meter
35.	Soil Thermometer
36.	Soil Tensiometer 60 cm
37.	Soil Tensiometer 30 cm

6.4.5. Conduct of Practical & hands-on-training:

Modern audio-visual aids are being used in teaching. Besides, online platforms such as Zoom app, Google meet, Microsoft teams are also used during the COVID-19 pandemic for teaching, conducting thesis and credit seminars.



Students being given instructions for Practicals in PG Lab.



Ph. D. student working in Molecular Laboratory of the Division of Fruit Science.



Culture room of the Tissue Culture Laboratory



Electrophoresis unit in the PG laboratory

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty for supervision of students
M.Sc. Ag. Horticulture (Fruit Science)	06	09*

List of Faculty for supervision of students

S. No.	Name	Designation	Highest Degree
Faculty from Division of Fruit Science			
1.	Dr. Amit Jasrotia	Associate Professor	Ph. D. Fruit Science
2.	Dr. Arti Sharma	Asstt. Professor	Ph. D. Horticulture
3.	Dr. Kiran Kour	Asstt. Professor	Ph. D. Pomology & Post Harvest Technology
4.	Dr. Deep Ji Bhat	Asstt. Professor	Ph. D. Horticulture (Pomology)
Faculty from Research Stations/KVKs/Administration			
5.	Dr. Parshant Bakshi	Associate Professor	Ph. D. Pomology & Post Harvest Technology
6.	Dr. Mahital Jamwal	Associate Professor	Ph. D. Horticulture
7.	Dr. Akash Sharma	Asstt. Professor	Ph. D. Fruit Science
8.	Dr. Rakesh Kumar	Asstt. Professor	Ph. D. Fruit Science
9.	Dr. Nirmal Sharma	Asstt. Professor	Ph. D. Fruit Breeding & Genetic Resources

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

Various problems related to Fruit cultivation are being raised by farmers at different fora i.e. monthly T&V meetings, telephonic conversation, training programmes. The farmers are provided suitable advisory by the scientists to overcome these problems. Major problems highlighted were fruit drop in citrus, fruit cracking in litchi, citrus, mango, Strawberry cultivation, Training and pruning in apple, Suitable varieties for high density planting, Walnut and pecan nut propagation.

6.4.8. Student intake attrition in the programme for last five years:

Degree programme	Actual students admitted in last five years					Attrition (%)				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
M.Sc. Ag. Horticulture Fruit Science	03	05	06	07	07	0	0	0	0	0

6.4.9. ICT Application in Curricula delivery:

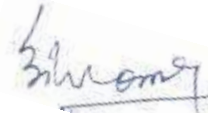
Modern audio-visual aids are being used in teaching. Besides, online platforms such as Zoom app, Google meet, Microsoft teams, YouTube etc. are also being used during the COVID-19 pandemic for teaching, conducting thesis and credit seminars.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘**M.Sc. Ag. Horticulture (Fruit Science)**’

6.4.11. The data presented for Self Study Report for ‘**M.Sc. Ag. Horticulture (Fruit Science)**’ degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, **Dr. Bikram Singh, the Dean, Faculty of Agriculture, SKUAST-Jammu, Chatha** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.


Signature of Dean of the college with date and seal

23/04/21
Dean
Faculty of Agriculture
SKUAST-Jammu,
Chatha

M.Sc. Ag.
(Plant Pathology)

M.Sc. Ag. Plant Pathology

6.4.1. Brief history of the degree programme:

M.Sc. Plant Pathology degree programme was started at R.S. Pura by the Division of Plant Pathology in the year 1999 to develop skilled and efficient human resource in the field of Plant Pathology. The Division is entrusted with the specific objectives of evolving IDM strategies for major diseases of cereals, pulses, vegetables, fruits and oilseed crops and standardizing cultivation technology of different mushroom for Jammu division. The division also undertakes extension activities in collaboration of Directorate of Extension education. It also imparts need based training to farmers and agricultural officers of Jammu. The division has well equipped PG laboratory which cater to needs of the student for conducting practical classes and research for their degree programme. To further strengthen the research on plant pathological aspects, well equipped research laboratories on Molecular diagnostic, Biocontrol, mushroom biology have been developed. There are well equipped with sophisticated equipments for plant disease diagnostics through molecular approaches, production of biocontrol agents and production of quality spawn of different mushrooms. The division made significant achievements on plant disease management and published a good number of research papers in Journals of national and international repute.

Objectives

M.Sc. Plant Pathology degree programme is a basic course from which the research activities for the students initiate. The programme includes theory as well as research work. Total 55 Credit Hours in which 34 credit hours is theory, 20 credit hours is reaserch work and 01 credit hour is PG seminar. The theory portion includes the basics of bacteriology, mycology, virology, bio control, mushrooms and integrated disease management. Theory includes identification and management of plant pathogens. The research work helps students get acquainted with “How to Plan an Experiment”, “How to execute the experiments”, “How to collect data” and “How to interpret the results”. The research themes pertaining to the programme are mentioned below:

- Isolation and characterization of biocontrol agents / PGPRs and plant pathogens.
- Identification and diagnosis of disease samples by traditional or Molecular diagnostic methods and their remedial measures to farmers and line departments.
- Basic and applied research on development of Mushroom production technologies with locally available resources and popularization for enhancing rural income.

Accomplishments

- During this period, 27 students awarded M. Sc. Degree in Plant Pathology.
- Thoriugh their research, students have standardized disease management practices in major crops of Jammu with special reference to location specific strategies for economically important diseases of cereals, vegetables and horticultural crops.

6.4.2. Faculty Strength:

S. No.	Sanctioned faculty	Faculty in Place	Vacant Position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	0	1	1
2	Associate Professor	1	1	2
3	Assistant Professor	2 [#] +1	2	5

- Promoted as Associate Professor under CAS from Assistant Professor

6.4.3. Technical & Supporting Staff:

S. No.	Sanctioned Technical and supporting staff	Sanctioned Technical and supporting in place	Vacant positions	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies.
1	FCLA	02	02	0
2	Computer Assistant	01	-	0
3	OCC	03	-	0
4	Mali	01	01	0

6.4.4. Class Rooms & laboratories:

Degree programme	No. of classrooms	No. of functional laboratories	Justification
M.Sc. Plant Pathology	1	5	<ul style="list-style-type: none">• For UG/PG teaching and research.• To imparts hands on training on various aspect on mushroom cultivation and spawn production.

The Division has well developed research Farm for conducting experimental trials of PG students as well as for demonstration of students/farmers/officials from line department. The well maintained Mushroom unit is in place for conducting research on different type of mushrooms and demonstration among students/farmers/line department officials.



Molecular Biology Laboratory



Student training for production of quality spawn of mushroom

6.4.5. Conduct of Practical & hands-on-training:

Practical classes are an integral part of teaching programme. The practicals are conducted in various well equipped laboratories of the Division. The students are also given field exposure through arranging field visits at farmers' fields so that they could have expertise in plant disease diagnosis under field conditions. Under the course on Detection and diagnosis of plant diseases (practical course) which is a core course, the students learn the basic as well as advanced techniques of plant disease diagnosis. In the course on Mushroom Production

Technology, the students are given hands on training on various aspects of cultivation of different mushrooms and production of quality spawn. Practical manuals on laboratory techniques in Plant Pathology, Mushroom Cultivation and Plant Virology have also been developed by the Division which aid and help the students to learn the basic practical techniques of Plant Pathology.



Recording of disease data in field



Preparation of compost by UG student

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty for supervision of students	Students /faculty as per RRI	Actual students faculty
M. Sc. Ag. Plant Pathology	07	12 (4 from division and 8 other section/stations)	3 students/Assistant Professor, 4 students /Associate Professor 5 students /Professor	02 students/assistant Professor 02 students /Associate Professor 02 students /Professor

6.4.7. Feed back of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Division has also developed a foolproof mechanism for taking the feedback of various stakeholders. Monthly student teacher meetings are held under the chairmanship of Head of the division where progress of the individual student is reviewed. Parents of the enrolled students are provided feedback of their wards progress at the end of semester. Farmers regularly visit the Division for seeking solutions to their problems regarding losses caused by plant diseases. On the spot solution are provided to the farmers and the record of farmers visiting the Division is maintained. Quite often the scientists visit the farmers fields and recommend to farmers the possible management measures against major diseases of agricultural and horticultural crops. The Division is also providing environmental friendly biocontrol agents to the farmers. The Division is actively involved in testing the new compounds of various fungicides for management of various plant diseases thus facilitating the industries for release of those chemicals in the service of farmers. Consultation is also provided to the unemployed youth and prospective farmers for setting up of new mushroom units and maintenance of mushroom crop in the already established mushroom farms.

6.4.8. Student intake attrition in the programme for last five years:

Name of the Degree programme	Actual students admitted in last five years					Attrition (%)				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016	2017	2018	2019	2020
M. Sc. Ag. Plant Pathology	17	18	19	20	21	-17	18	19	20	21
	1	6	6	11	7	100	0	0	0	0

*The student left the Institute as they got employment in the state government.

6.4.9. ICT Application in Curricula delivery:

The division has the facility of Smart classroom and the students are imparted interactive lectures in the smart classroom. During the COVID 19 pandemic, power point lectures of all the courses have prepared by the faculty members and teaching was done through online mode and soon these lectures will be made available to students on Divisional website.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘M.Sc. Ag. Plant Pathology’

6.4.11. The data presented for Self Study Report for ‘M.Sc. Ag. Plant Pathology’ degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, Dr. Bikram Singh, the Dean, Faculty of Agriculture, SKUAST-Jammu, Chatha hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the college with date and seal

23/04/21
Dean
Faculty of Agriculture
SKUAST-Jammu,
Chatha

M.Sc. Ag. (Sericulture)

M.Sc. Sericulture

6.4.1. Brief history of the degree programme:

Division of Sericulture has been operating since 2000 at Regional Horticultural Research Station, Udheywalla Jammu and shifted to FoA, Main Campus, Chatha on July 2018. Division of Sericulture is offering M.Sc. degree programme in Sericulture since 2003 and Ph.D. degree programmes in sericulture from 2012. The Division is engaged in research areas like identification of various region specific mulberry genotypes suitable for different agro-climatic zones of Jammu Region and so far contributed in identification of Thermo tolerant silkworm breeds, fortification of mulberry leaves for enhancing cocoon production, exploring multiple silkworm rearing., development of herbal bed disinfectant and value addition for mulberry and silkworm.

Objectives

The major objective of the M.S.c. Sericulture degree programme is to develop human resource in the field of sericulture for promoting scientific sericulture practices among farmers and also to develop entrepreneurship in sericulture.

Accomplishments

During the last five years 12 students have successfully completed their M.Sc. Sericulture degree programme. Some of them have pursued higher studies and some are rendering their services in in agriculture department.

6.4.2. Faculty Strength:

S. No.	Post	Sanctioned strength	Faculty in Place	Vacant Position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	1	0	1	1
2	Associate Professor	1	0	1	1
3	Assistant Professor	5	1	4	5

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies.
1	Technical/ supporting staff	06	05	0
2	Farm/ Field workers	05	03	0
3	Sweeper	01	00	0

6.4.4. Class Rooms & laboratories:

Degree programme	No. of classrooms	No. of functional laboratories	No. of major equipments/ farm facilities/	Justification
M.Sc. Sericulture	01	03 01- Silkworm rearing lab. 02- Disease diagnostic lab. 03- Students Research Lab	Silkworm rearing Equipments Microscopes Digital Balance Oven BOD Centrifuge Humidifiers Dehumidifier Cocoon stifling chamber Gas Heaters Refrigerator Vernier caliper and Mulberry farm	For PG research and maintenance of silkworm germplasm



Silkworm Rearing



Testing of Bed disinfectant



Harvesting of cocoons



Selection of Cocoons



Mulberry farm



Mulberry Gene Bank

6.4.5. Conduct of Practical & hands-on-training:

Practicals are conducted in the labs as well as in the field. The students are provided hands on training on various aspects of silkworm biology, morphology, physiology, and modern silkworm rearing techniques and mulberry farm management.



Value addition of cocoons



Demonstration of Technologies

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty for supervision of students
M.Sc. Sericulture	07	01+07*

*outside faculty from Entomology and Agroforestry

6.4.7. Feed back of stakeholders (Students, parents, industries, employers, farmers, etc.):

- Meetings with field functionaries, farmers, field visits, workshops, meetings and farmer fairs
- Regular interactions with the students about the contents and quality of lectures delivered
- Interactions with parents of students

6.4.8. Student intake attrition in the programme for last five years:

Degree programme	Actual students admitted in last five years					Attrition (percentage)				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
M. Sc. Sericulture	01	01	01	07	02	0	0	0	0	0

6.4.9. ICT Application in Curricula delivery:

Modern audio-visual aids are being used in teaching. Besides, online platforms such as Google Meet Zoom app, Microsoft teams are also used during the COVID-19 pandemic for teaching and conducting class seminars, web seminar and credit seminars. E-resources, e-notes etc. were developed.

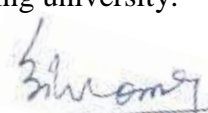
6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘**M.Sc. Sericulture**’

6.4.11. The data presented for Self Study Report for ‘**M.Sc. Sericulture**’ degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, **Dr. Bikram Singh, the Dean, Faculty of Agriculture, SKUAST-Jammu, Chatha** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the college with date and seal


23/04/21
Dean
Faculty of Agriculture
SKUAST-Jammu,
Chatha

M.Tech.
(Soil and Water Engineering)

M.Tech. Soil and Water Engineering

6.4.1. Brief history of the degree programme:

The need for institution of Master's Programme in Soil and Water Engineering at SKUAST-Jammu was felt because a large number of undergraduate students from J&K used to go outside the union territory for acquiring higher education in this discipline. Soil, water and vegetation are most vital natural resources for agriculture, particularly in the hilly region of the country like Jammu and Kashmir UT. The productivity of such areas mainly depends on how efficiently these resources are conserved and managed. The post-graduates in soil and water conservation engineering thus produced have employment potential in department of Agriculture, Horticulture, Forestry and Rural development. After deliberation in the Board of Studies, Faculty of PG studies and final concurrence from Academic Council, SKUAST-Jammu, M.Tech. Soil and Water Engineering degree programme was finally institutionalized at SKUAST-J, Chatha in the year 2017.

Objectives

To impart quality education and carry out research in field of soil and water conservation engineering to meet the professional needs on following aspect:

- Water harvesting
- Ground water recharging
- In-situ soil and water conservation measures
- Application of GIS and remote sensing in watershed management
- Micro irrigation
- Deficit irrigation

Accomplishments

- Out of four passed out students till date three have qualified NET exam conducted by ASRB, New Delhi.
- One student secured admission in Ph.D. at IIT Kharagpur
- Different soil and water conservation technologies have been constructed at farmers field
- Gravity feed drip irrigation system installed at farmers field

6.4.2. Faculty Strength:

S. No.	Post	Sanctioned strength	Faculty in Place	From Other Schemes	Vacant Position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	1	1	1 [^]	0	0
2	Associate Professor	3	3 [*]	0	0	0
3	Assistant Professor	4	2 [#]	0	2	2

* - one faculty promoted as Professor under CAS from Associate Professor

- one faculty promoted as Associate Professor under CAS from Assistant Professor

[^] - one Professor cum Chief Scientist from WMRC

6.4.3. Technical & Supporting Staff

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies.
1	FCLA	2	2	0
2	Computer Assistant	1	-	0
3	Junior stenographer	1	-	0
4	Mechanic	2	2	0
5	OCC	2	2	0

6.4.4. Class rooms & laboratories:

Division	No. of classrooms	No. of functional laboratories	No. of major equipment's/ farm facilities/	Justification
Agricultural Engineering	1	-	-	For conducting PG teaching and seminars (Smart classroom with power backup facility)
		1 (PG Lab)	Sprinkler irrigation system -01 Drip irrigation system-01 Raingun: 02 Centrifugal pump-03 Ovenr-01 Disc infiltrometer-01 Double ring infiltrometer-02 GPS-01 Abney's level-01 Hand level-01 Dumpy level-03 Engineer chain-02 Gunter chain-02 V notch-01 Cross staff: 02 Ranging rod: 20 Levelling staff: 05 Rectangular notch-01 Trapezoidal weir-01 Water distillation unit-01 Auger- 03	For conducting PG practical and research work pertaining to soil and water engineering
			Experimental area: 0.01 ha	On farm demonstration of micro irrigation system on vegetable crops.

6.4.5. Conduct of Practical & hands-on-training:

For every practical class two periods of 50 minutes each are dedicated in which demonstrations, equipments and their working, laboratory exercises are performed under supervision of teacher concerned. Various trainings are conducted on soil and water conservation and irrigation and drainage field to student/farmers/officers of line department and are given Hands-on experience.



Students conducting practical work at laboratory and field



Students' visit to soil and water conservation structures constructed by division under DST Project

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty for supervision of students
M. Tech. Soil and Water Engineering	04	03

6.4.7. Feed back of stakeholders (Students, parents, industries, employers, farmers, etc.):

Students: Students requested to maintain hygienic conditions in the laboratories and scholar room to prevent the spread of COVID-19 infection. The sanitizer dispenser was installed and laboratories are sanitized regularly. The power back was provided in PG laboratory and PG class room as students informed that their lab/class work suffer during power failure. The student raised their issues during advisory committee meeting and sometimes comes forward personally to highlight their demand.

Farmers: Different soil and water conservation engineering structures are constructed at farmers fields. Based on the feedback, various training programme organised by the division to farmers as well as officers of line department to make them aware about the technologies related land and water resource management. Feedback gathered through various media like electronic modes as well as personal interaction in “Village Visit and Revisit Programme”. Standard protocols have been developed.



Training programme/Workshop Organised by the division for officers of line department and farmers



IST Project workshop organised by the division which was inaugurated by His Excellency Sh. N.N.Vohra, then Governor of J& K State

6.4.8. Student intake attrition in the programme for last five years:

Degree programme	Actual students admitted in last five years					Attrition (percentage)				
	Y1	Y2	Y3	Y4	Y5	Y1	Y2	Y3	Y4	Y5
M. Tech. Soil and water Engineering	-	03	01	01	02	0	0	0	0	0

6.4.9. ICT Application in Curricula delivery:

One conventional class room upgraded to smart class room. Lectures are delivered using powepoint presentations, Youtubes, Animations, etc. Online plateforms like Google Meet, Zoom meeting, Whatsapp, etc. utilized during Covid 19 pandemic for curriculum delivery. Online presentations, oral comprehensive and thesis *viva-voce* exams conducted during Covid 19 pandemic.

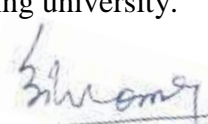
6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘**M.Tech. Soil and Water Engineering**’

6.4.11. The data presented for Self Study Report for ‘**M.Tech. Soil and Water Engineering**’ degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, **Dr. Bikram Singh, the Dean, Faculty of Agriculture, SKUAST-Jammu, Chatha** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the college with date and seal


23/04/21
Dean
Faculty of Agriculture
SKUAST-Jammu,
Chatha

M.Sc. Ag. Horticulture (Vegetable Science)

6.4.1. Brief history of the degree programme:

To meet the emerging challenges and to give a fillip to the research on vegetable crops, Regional Horticulture Research Station, Udheywalla was established in the year 1982. The Camp college under SKUAST (J&K) was established at Jammu in 1989 where teaching in vegetables & floriculture at UG level and in vegetables started at PG level. Out of 13 divisions in the faculty of agriculture, Division of Vegetable Science and Floriculture at Chatha having 10 scientists, carries out teaching, research and extension activities. It offers two post graduate and doctoral programmes and till date, 73 students have been awarded Master's degree in (Ag.) Horticulture Vegetable Science and 09 in Floriculture and Landscaping. 10 students have been awarded Doctor of Philosophy in Horticulture (Vegetable Science). The Division has developed farm facilities (with 2 ha farm area) for conducting student and strategic research supported by tissue culture and other laboratories as well as protected structures. The current research activities comprise of 3 broad aspects viz., Vegetable production, Vegetable breeding/ tissue culture and Seed production.

Objectives

- Germplasm evaluation for the development of stable quality genotypes.
- Clustering of genotypes
- Heterosis breeding.
- Wide hybridization,
- Tissue culture technologies.
- Protected cultivation of high value vegetable crops.
- Climate resilient technologies to mitigate the problems of global warming.
- Weed management studies
- Integrated Nutrient Management studies.
- Production technologies of rare/exotic and underutilized vegetables.
- Land Use Efficiency in various vegetables
- Organic vegetable production.

Accomplishments

- 73 students have been awarded Master's degree in (Ag.) Horticulture (Vegetable Science) and 13 students are pursuing their degree programme.
- Research on integrated Nutrient Management studies in major vegetable crops is being undertaken regularly.
- Work on variability studies and clustering is under going in various vegetables and elite germplasm is being utilized in heterosis breeding studies.
- Research work on organic vegetable production technologies is being standardized.
- Studies on protected cultivation in high value vegetable crops is being carried on regular basis.
- Work on Land Use Efficiency and climate resilient technologies is being done regularly.

6.4.2. Faculty Strength:

S. No.	Post	Sanctioned strength	Faculty in Place	Vacant Position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	1	1	0	1
2	Associate Professor	2	1	1	1
3	Assistant Professor	4	4	0	4

6.4.3. *Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies.
1	FCLA	03	03	0
2	Jr. Stenographer	01	01	0
3	Computer Asstt.	01	01	0
4	Mali/OCC	05	01	0

6.4.4. Class Rooms & laboratories:

Degree programme	No. of classrooms	No. of functional laboratories	No. of major equipments/ farm facilities/	Justification
M.Sc. Ag. Horticulture (Vegetable Science)	1	2	10 nos. of major laboratory equipments installed in PG laboratory 02 Experimental farms (I&II) with 2 No naturally ventilated polyhouses and 06 No of shade net houses.	Both labs are fully functional for UG & PG Research. Experimental farms, net houses and poly-houses are fully utilized for student and divisional trials, seed production programmes.



PG LABORATORY



TISSUE CULTURE LAB

1. Tissue culture Lab :

Instruments: Laminar air flow, autoclave, pH meter, digital balance, culture rakes, oven,
Space: Inoculation chamber, culture room and media preparation chambers, all are fully functional with adequate space with all standard safety measures.

2. PG research Lab.

Instruments: Spectrophotometer, Hot plates, Analytical balance, Centrifuge, Refractometer, Vernier calliper and Seed germinator

Space: The PG lab is well equipped, spacious and fully ventilated provided with sufficient chemicals and glass wares for biochemical analysis of vegetables/flowers.



Class rooms of the Division with AV aids

6.4.5. Conduct of practicals & hands-on-training:

All the PG students are provided breakup of course curriculum well in advance before the start of classes. A 2+1 Cr. Hrs. course comprises of 32 theory and 15 practicals which are taught comprehensively by giving equal opportunity to all the students take hands-on experience in both the laboratories and field.



UG students practising hands on training

The division has developed e-notes and on line material for teaching at UG and PG level:



6.4.6. Supervision of students:

The division is routinely monitoring all the academic activities of students through their advisors and prompt redressed of grievances are undertaken at HOD level. On farmer feedback, research trials are laid out through student research at both master's and doctoral levels and conclusive results are shared with them as recommendations in the form of package of practices, manuals, pamphlets & bulletins etc.

Degree Programme	Intake capacity of students	Qualified faculty for supervision of students
M.Sc. (Ag.) Horticulture (Vegetable Science)	08	06

6.4.7. Feed back of stakeholders (Students, parents, industries, employers, farmers, etc.):

Students are enquired about the lecture delivery and any suggestion about change in teaching practices and its mode through personnel interaction at the end of mid- term examination and before the end term examination. Farmers' feedback is also noted through field functionaries during T&V workshops. The farmers are connected through off line mode (Field visits, Village visit programme) and through online mode (Whats'app groups) to address their problems. Interaction with parents is done during their visits in department. Feedback of employees is taken through personnel interactions.



Training programmes organized to address farmers' issues



Farmers receiving planting material during vegetable day organized on 22-02-2021

Enthusiastic Farmers throng SKUAST-Jammu Kisan Mela
Impressive flower show marks Day 2

JAMMU, MAR 17. Enthusiastic farmers in large numbers are thronging the Kisan Mela organized by Sher-e-Kashmir University of Agricultural Sciences and Technology (SKUAST)-Jammu. The second day of Kisan Mela was marked by an impressive flower show at the main campus. Chairman of Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu, Chaudhary J.K. Pathania, Chief Guest, Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu, Dr. Bhatia, was guest of honor. Around 5000 farmers from various districts of Jammu and Kashmir participated in the event. The show was inaugurated by the Chief Guest, who emphasized the importance of horticulture in the state and urged farmers to adopt modern technologies and practices to improve their yields and income.



Flower show organized on 16/03/2021 and 17/03/2021



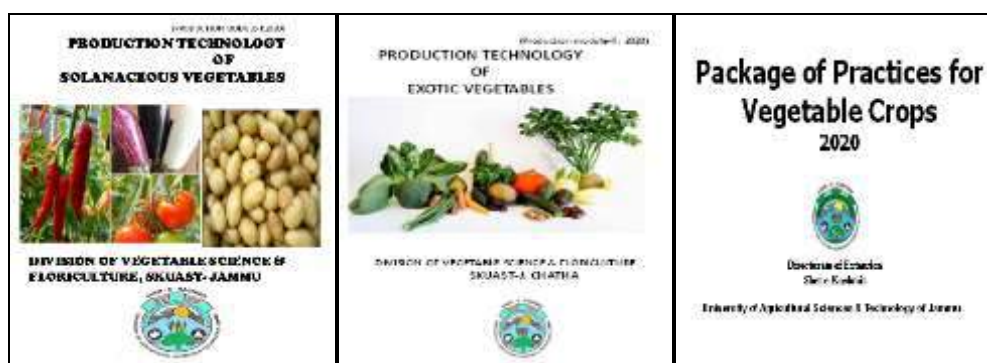
Vegetable show organized on 18/03/2021

6.4.8. Student intake attrition in the programme for last five years:

Degree programme	Actual students admitted in last five years					Attrition (%)				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
M.Sc. Ag. Horticulture (Vegetable Science)	04	04	04	07	08	0	0	0	0	-

6.4.9. ICT Application in Curricula delivery:

The division employs all the latest ICT tools for imparting quality education and understanding research interventions for the students of PG degree programmes. The division has also developed many e- resources as presented below:

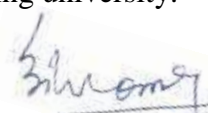


6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘M.Sc. Ag. Horticulture (Vegetable Science)’

6.4.11. The data presented for Self Study Report for ‘M.Sc. Ag. Horticulture (Vegetable Science)’ degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, **Dr. Bikram Singh, the Dean, Faculty of Agriculture, SKUAST-Jammu, Chatha** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.


 Signature of Dean of the college with date and seal
 23/04/21
 Dean
 Faculty of Agriculture
 SKUAST-Jammu,
 Chatha

M.Tech.
**(Farm Machinery and Power
Engineering)**

M.Tech Farm Machinery and Power Engineering

6.4.1. Brief history of the degree programme:

Mechanization is the key to improve profitability and sustainability of agricultural farming and hence, becomes most relevant now a days because of deficit of human labour and draft animals, precision for improving input use efficiency, reduce cost of operation, removal of drudgery, improving comfort and insure sustainability of small farms. The development and modification of improved machinery/implement/tool reduce the operational cost up to 60 percent and helping timely agricultural operation. So, there is a great need to develop matching implement to tractor, power tiller and small tools and implements for agricultural operations to fulfil the requirement of about 74 per cent marginal farmers. Therefore, need was felt for institution of Master's Programme in Farm Machinery & Power Engineering at SKUAST-Jammu because a large number of undergraduate students from J&K used to go outside the union territory for acquiring higher education in this descipline. Accordingly, M.Tech, Farm Machinery and Power Engineering programme was started at SKUAST-Jammu, Chatha in 2015 to conduct studies in discipline of Farm Machinery and Power Engineering.

Objectives

- To impart quality education and carry out research in farm machinery and power engineering to meet the professional needs.
- Development and evaluation of farm machinery for the region..

Accomplishments

Seven students have been qualified and trained in the field of farm machinery and power engineering. Some of them are persuing their higher studies in the field of farm machinery and power engineering while other are working

Students have contributed towards development of following machines:

- i. Power operated pulses thresher,
- ii. Weeding cum earther up equipment.
- iii. Motorised paddy thresher
- iv. Manual seeddrill for Mustard
- v. Portable Crop Harvester
- vi. Cycle operated sprayer
- vii. Rotary weeder

Students who qualified national awards:

S. No.	Name of the student	Registration Number	Qualifying Examination
1.	Mr Bhaskar Gupta	J-17-M-529	JRF
2.	Mr DamaVaidhav Kumar Ramsingh Bhai	J-18-M-603	JRF

6.4.2. Faculty Strength:

S. No.	Post	Combined Sanctioned Strength	Faculty in Place	From Other Schemes	Vacant Position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	1	1	0	0	0
2	Associate Professor	3	1*	0	0	0
3	Assistant Professor	4	1#	1^	2	2

* - one faculty promoted as Professor under CAS from Associate Professor

- one faculty promoted as Associate Professor under CAS from Assistant Professor

^- one faculty from KVK, Samba

6.4.3. Technical & Supporting Staff

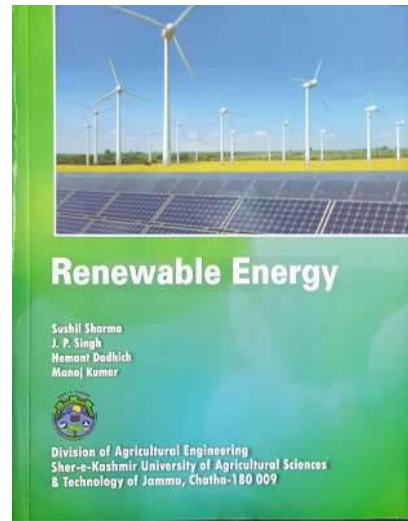
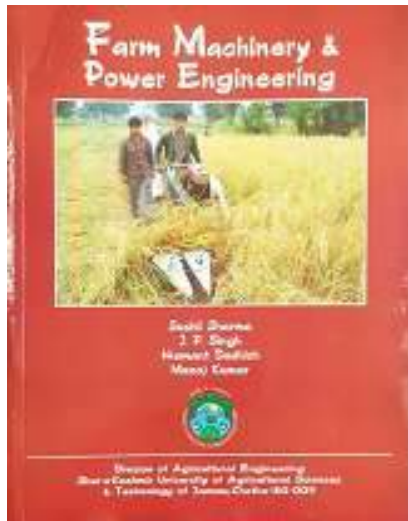
S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies.
1	FCLA	2	2	0
2	Computer Assistant	1	-	0
3	Junior stenographer	1	-	0
4	Mechanic	2	2	0
5	OCC	2	2	0

6.4.4. Class rooms & laboratories:

Division	No. of classrooms	No. of functional laboratories	No. of major equipment's/ farm facilities/	Justification
M Tech. Agricultural Engineering (Farm Machinery and Power Engineering)	1	Smart classroom	Smart classroom with interactive board and power backup facility	For conducting UG/PG teaching and seminars
	1	Farm Power	1. Cut Sections of Diesel Engine/ Petrol Engine/ Two strokes/Four Stroke Engines/ Carburetor etc 2. Cut Section of various system of tractor (Cooling, Fuel Supply System, Ignition System, Tractor Transmission System, Braking System, Tractor Hydraulic System, Tractor Steering System etc). 3. Tractors (63hp, 59hp, 30hp, 24hp & 22hp). 4. Power Tillers (different power range)	For conducting UG/PG teaching
		Farm Machinery Lab cum Display Unit	Farm implements: a) Manual/ hand tools b) Animal drawn implements c) Power tiller and its attachments. d) Self propelled machinery e) Tractor operated machinery	To carry out field work in practicals/research work
		Farm Machinery cum Testing Workshop	a) Lathe Machine b) Shaper c) Radial Drilling Machine d) Drilling Machine e) Arc Welding Set f) Weighing Scale g) Hot Air Oven h) Hardness Testing Machine i) Power Hacksaw j) Air Compressor k) Grinding machine	To carry out modification/ repair/ practicals/ research work testing of farm machinery & equipments

6.4.5. Conduct of Practical & hands-on-training:

For every practical class two periods of 50 minutes each are dedicated in which demonstrations, equipment and their working, laboratory exercises are done under supervision of teacher concern. The practical trainings are conducted in the laboratories of Farm Power, Farm Machinery & Power, and Workshop for Farm Machinery Testing and experimental field to student/farmers/officers of line department.



1. Manuals on Farm Machinery & Power Engineering And Renewable Energy



a) Manual Hand Tool/ Equipments



b) Animal Drawn Farm Machinery



c) Self Operated and Power Tiller operated implements

2. Farm Machinery Lab Cum Display



3. View of Farm Power Lab



4. Farm Machinery Workshop cum Testing Centre

Farmers: Farmers have the issue with their choice of selection of suitable farm machinery for their fields. They have been provided feedback for machinery suitable for their fields. They have been given demonstrations on various farm machines.



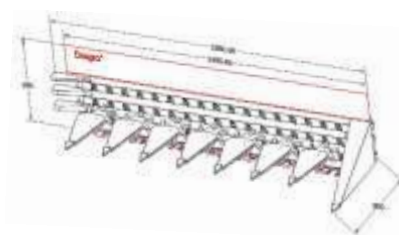
13 Row Zero Till Seed Cum Fertilizer Drill



10 Row Happy Seeder



Multi Crop Thresher



Tractor Operated Reaper

5. Implements Demonstrated to Farmers



a) Wheat Harvesting by Tractor Operated Reaper



b) Wheat Threshing



c) Paddy Harvesting by Tractor Operated Reaper



d) Paddy Threshing with Tractor Operated Thrasher



e) Maize Threshing with tractor operated Maize Thrasher



f) Reaper Cum Binder in operation

6. Testing cum Demonstrated

Machinery Developed by M Tech Students:



Capacity: 100k g/h
 Threshing Efficiency: 99.37%
 Weight: 71 kg
 Cost: Rs 35000



Capacity: 70 kg hr⁻¹
 Threshing Efficiency: 98.65 %
 Weight: 63 kg
 Cost : Rs 20000/-
 Size (mm): 640 X 730 X 1000

a) POWER OPERATED PULSE THRESHER

b) MOTORIZED PADDY THRESHER



Capacity: .041ha/h
 Weeding Efficiency: 99 %
 Weight: 23kg
 Cost: Rs 15000



Capacity: 0.117 ha/h
 Efficiency: 81%
 Weight: 20 kg
 Cost: Rs 3450

c) WEEDING –CUM- EARTHING UP EQUIPMENT

d) MANUAL SEED DRILL FOR MUSTARD CROP



e) Cycle Operated Sprayer



f) Rotary Weeder

7. Machinery Developed under PG Programme

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty for supervision of students
M. Tech. Farm Machinery and Power Engineering	04	03

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

Students:

Students requested to maintain hygienic conditions in the laboratories and scholar room to prevent the spread of COVID-19 infection. The sanitizer dispenser was installed and laboratories are sanitized regularly. Students also requested to conduct field trips to nearby fabrication unit to have practical knowledge of the fabrication process. Students are encouraged to operate the tractor and other workshop machines to train themselves and make familiar with their working. The power back was provided in PG laboratory and PG class room as students informed that their lab/class work suffer during power failure. The student are allowed to raise their issues during class work, advisory committee meetings, and divisional seminars. They, sometimes comes forward personally to highlight their demand.

- Teachers and other employees asked from time to time for facilitating students.
- Interactions with farmers during farmers's visits, Farmer Fairs, Filed visits, etc.
- Students facilities improved based on feedback of parents.

6.4.8. Student intake attrition in the programme for last five years

Degree programme	Actual students admitted in last five years					Attrition (%)				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
M. Tech. Farm Machinery and Power Engineering	02	01	02	01	02	0	0	0	0	0

6.4.9. ICT Application in Curricula delivery:

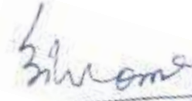
One conventional class rooms upgraded to smart class room. Lectures are delivered using power point presentations, Youtubes, Animations, etc. Online platforms like Google Meet, Zoom meeting, Wise App, Whatsapp, etc. utilized during Covid 19 pandemic for curriculum delivery. These online platforms are also used for conducting oral comprehensive exams and thesis *viva voce* during Covid 19 pandemic.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘**M.Tech. Farm Machinery and Power Engineering**’

6.4.11. The data presented for Self Study Report for ‘**M.Tech. Farm Machinery and Power Engineering**’ degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, **Dr. Bikram Singh, the Dean, Faculty of Agriculture, SKUAST-Jammu, Chatha** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.



Signature of Dean of the college with date and seal

22/06/21
Dean
Faculty of Agriculture
SKUAST-Jammu,
Chatha

M.Sc.
(Biotechnology)

6.4.1. Brief history of the degree programme:

M.Sc. Biotechnology degree programme was started at Chatha in the year 2012 to generate quality human resource in Biotechnology, for taking up teaching and research careers and to inculcate the research aptitude in Biotechnology among students. Biotechnology aims to apply the latest molecular techniques to modern-day problems in agricultural, health, industrial and environmental situations. Fundamental research in these areas is necessary to shape the development in a scientific manner. This programme was established with the aim to provide up-to-date degree in M.Sc. in Biotechnology, which will maintain a reputation for high standards of teaching, foster analytical skills through exploration of new concepts and individual research activities, encourage students to become effective communicators, develop interpersonal skills through skill-based activities, foster competency especially in the development of a scientific vocabulary and mould post graduates that shall be competitive in research, industry and other scientifically based disciplines.

Given that there is an increasing and critical need at national and international levels both in academia and industry for the people trained in the field of Biotechnology, the reasons for offering the denominated Degree in Biotechnology are clear. This Programme will definitely turn out excellent post graduates who will go on to pursue successful careers in academia and industry. Teaching throughout the Programme will be generally of a high standard through use of suitable methodologies. This programme will lead the students to go for higher studies/research on biotechnological aspects to design solutions for unsolved problems. To impart and undertake quality teaching, the School has extremely competent and dynamic teaching faculty having international exposure and expertise in wide areas of biotechnology. Besides, in house financial assistance, the School also operates various projects which have been externally funded through various government bodies like DST, DBT, ICAR and many more. The School is also FIST sponsored department of DST, New Delhi.

Mandates

- a. Basic, strategic and applied research for growth of agriculture and allied fields.
- b. Post-graduate teaching & research and development of human resource.
- c. Developing and strengthening collaborative linkages with national/international organizations in mutual areas of interest in research and teaching.

Objectives

- To produce highly skilled and competitive human resource in biotechnology matching national and international standards
- Prepare the graduates for pursuing higher education in Biotechnology and opting careers in research and teaching in public and private sectors for supplementing the agriculture, veterinary and allied sectors.

Accomplishments:

- Thirteen students have been admitted during 2016-20 of which 10 have successfully completed their MSc. degrees.
- Most of the M.Sc. pass out students have successfully qualified to pursue higher education (Ph.D.) either in SKUAST-J or other universities and institutes in India (CSIR, IIM, Jammu) or abroad (Newzeland)
- During this period two M.Sc. students have found placements in technical/scientific jobs in SKUAST-Jammu, one in Banking Sector and two in private companies
- M.Sc. students, as part of their thesis work, have standardized tissue culture protocols in menthe, brahmi, lilium, potato, etc.
- Genetic diversity of diverse germplasm of different crops have been analysed by the research work carried out by M.Sc. students.
- Basic protocols in markers assisted selection technology have been standardized through M.Sc. students' research.
- Thesis work carried out by the students has been published in high rated NAAS journals.

6.4.2. Faculty Strength:

S. No.	Post	Sanctioned strength	Faculty in Place	Vacant Position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	1	1	0	1
2	Associate Professor	2	1*	1	2
3	Assistant Professor	4	1 [#] +2 [‡] +2+2 ⁺	1	6

* - Promoted as Professor under CAS from Associate/Assistant Professor

- Promoted as Associate Professor under CAS from Assistant Professor

+ - Contractual faculty has been engaged

‡ - Faculty assigned the responsibilities for multiple programmes

6.4.3. Technical & Supporting Staff:

S.No.	Designation	Sanctioned strength	Filled
1	Field Cum Lab. Assistant	01	01
2	Teaching Assistant	02	02
3	Computer Assistant	01	01
4	Account Assistant	01	01
5	Lab Assitant	01	01
6	Library Assistant	01	01
7.	Mechanic	01	01
8.	Driver	01	01

6.4.4. Class Rooms & laboratories:

Degree Programme	No. of classrooms	No. of functional laboratories	No. of major equipments/ farm facilities/	Justification
M. Sc. Biotechnology	02	10*	More than 100 major lab. Equipments	-

*Central Instruments Laboratory, Genomics Laboratory, Plant Molecular Biology Laboratory, Rice Molecular Biology Laboratory, Quality Laboratory, FIST Laboratory, Biochemical and Proteomics Lab., Heavy Instruments lab., Plant Tissue Culture, Bioinformatics Lab.,

The details of equipment available in the laboratories are given below:

S.No.	Name of the Lab	Equipments available
1.	Central Instruments Laboratory	96 Wells PCR (02), Refrigerated Centrifuge (01), Electrophoresis Units (03), Deep Freezer -20 0C (01), Microwave Oven (01), Microcentrifuge (02), Online UPS 5KVA (01), Hot Water Bath (01), LN2 Container (40 lit.)
2.	Genomics Laboratory	96 Wells PCR (01), Refrigerated Centrifuge(02), Gel Documentation System (1), Spectro Photometer(01), Electrophoresis units (02), Hot Water Bath (01), Deepfreezer -20 0C (01), LN2 container 10 lit (01), transilluminator (01), Microwave Oven (01), Online UPS 5KVA (01), Weighing balance (01), Refrigerator (01)
3.	Plant Molecular Biology Laboratory	96 Wells PCR (01), Online UPS 2KVA (01), Microwave Oven (01), Microcentrifuge 24 well (02), Weighing balance (01), Vortexer (01), Biospectrometer (01), Deepfreezer -20 0C (01), Refrigerator (01), Double Distillation Plant
4.	Rice Molecular Biology Laboratory	Thermocylers (04), Seed Divider (01), Seed counter (01), Seed Moisture Meter (01), Refrigerated Centrifuge (01), Microcentrifuge 24 well (02) Microcentrifuge 24 well (01), Spinwin (02), Vortexer (01), Hot Air Oven (01), Spectrophotometer (01), Whole Grain Analyser (01), Gel Documentation System(01), Incubator Shaker (01), Microwave Oven (01), Nitrogen Analyser (01), Electrophoresis Units (2), Deepfreezer -20 0C (01), BOD incubator (01), Refrigerator (01), Desktop Computer with printer (01), Hotplate with stirrer (01)
5.	Quality Laboratory	Atomic Absorption Spectrophotometer (01), HPLC (01), GC (01), Mini Rice Sheller (01), RT PCR (01)
6.	FIST Laboratory	Gel Documentation system (01), Refrigerated Centrifuge (01), Spectrophotometer (01), Laminar Air Flow Cabinet, Deep Freezer -80 0C (01)
7	Biochemical and Proteomics Lab.	Refrigerated Centrifuge (01), Electrophoresis Units (02), Soxhlate apparatus (01), Mechanical shaker (01), Rocker shaker (01), Rotary evaporator (01), Deep Freezer -20 0C (01), Online UPS 5KVA (01), Refrigerator (01)
8.	Heavy Instruments lab.	Plant Growth Chamber (01), Seed Germinator (01), Deepfreezer -80 0C (02), Water Purification System (01), Ice Flaking Machine (01)
9.	Plant Tissue Culture Lab.	Laminar Air Flow Cabinet vertical automatic remote based (01), Laminar Air Flow cabinet Horizontal (01), Water Purification Unit (01), Hot Air Oven (01), Microwave Oven (01), Electronic Balance (02), Bead Steriliser (01), Refrigerator (01), Phase contrast microscope (01). Students Compound Microscopes (06), Culture racks (10)
10	Bioinformatics Lab.	Computers (06), Networking station (01)



Student operating the instruments in lab.



Student operating the instruments in lab.



Student operating the instruments in lab.



Coordinator SBT giving overview of students to DDG (Education), ICAR

6.4.5. Conduct of Practical & hands-on-training:

For every practical class two periods of 50 minutes each are dedicated in which demonstrations, farm experiments, lab. exercises and hands on trainings are performed by the students. Hands on Trainings: Students of other Institutes are registered for short (1-3 months) Hands on Trainings in specific area/technique. School Laboratories, green/polyhouse houses, farms are well equipped in terms of infrastructure and facilities to conduct Laboratory exercises. 90 % of the practicals are actually done by students themselves. Those related to transgenic facilities are given demonstrations only.

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty for supervision of students
M.Sc. Biotechnology	04	07

Number of students guided by the major advisor (M.Sc.)

Degree Programme	Student intake capacity	Qualified faculty	No. of students per faculty as per RRI	Actual students per faculty supervised
M.Sc.	04	07	Professor (5) Assoc. Prof. (4) Asstt. Prof. (3)	Dr. R.K. Salgotra=03 Dr. A.K. Singh=05 Dr. Manmohan Sharma=04 Dr. G.K. Rai=08 Dr. Susheel Sharma=04 Dr. Ravinder Singh=06 Dr. Sumita Kumari=02 Dr. Vikas Tandon=01

An advisory committee led by the major advisor and members from related subjects is approved by the competent authority for guiding the students with respect to academic and research activities. The student conducts research work, writes and submits thesis for award of degree under the over all supervision of the advisory committee.

6.4.7. Feed back of stakeholders (Students, parents, industries, employers, farmers):

Advisories issued to teachers and other employees from time to time for facilitating students and maintaining teaching standards. Interactions with farmers during farmers's visits, farmer fairs, field visits, etc. Projects initiated based on feedback of farmers, Regular visits of parents and their interactions with advisors, teachers and HoD. Based on the feedback of stakeholders, eminent of resource persons invited for talks during the last 5 years as given below:

- Dr. Kuldeep Singh, Director, NBPGR, New-Delhi
- Dr. Rajeev Varshney, ICRISAT, Hyderabad
- Dr. S.S. Gosal, Former Director Research, PAU Ludhiana
- Dr. V.S. Verma, Dean College of Engineering, SMVDU, Katra
- Dr. Manoj Dhar, Director School of Biotechnology, University of Jammu
- Dr. P.M. Sharda, Head, School of Biotechnology, SMVDU, Katra
- Dr. Sanjeev Thakur, Prof. & Head, Department of Tree Breeding & Genetics, Dr. YSP UHF, Solan
- Dr. Suphla Gupta, Principal Scientist, IIIM (CSIR), Jammu
- Dr. Sumit Gandhi, Principal Scientist, IIIM (CSIR), Jammu
- Dr. Deepak Kumar, Central University of Jammu
- Dr. Vikas Srivastava, Central University of Jammu
- Dr. Prashant Mishra, Senior Scientist, IIIM (CSIR), Jammu
- Dr. Aditi, IIT, Incubation Centre, IIT, Kanpur
- Dr. Suresh Chandra, Incubation Centre, IIT, Kanpur
- Er. Manik Gupta, Director (Operations) and Patent Facilitator under Startup India Program
- Advocate Arun Singh Manhas, Trademark Attorney, J&K High Court
- Advocate Rakesh Soni, Patent and Trademark attorney, IPR Goodwill (online lecture on 26-04-202)

6.4.8. Student intake attrition in the programme for last five years:

Degree programme	Actual students admitted in last five years					Attrition (percentage)				
	2016	2017	2018	2019	2020	2016	2017	2018	2019	2020
M. Sc. Biotechnology	01	04	02	03	03	0	25	50	0	0

Attrition is high in 2018 as number of students admitted was just two and one student got dropped.

6.4.9. ICT Application in Curricula delivery:

Four conventional class rooms upgraded to smart class rooms. Lectures are delivered using power point presentations, Youtubes, animations, etc. Online platforms like Google Meet, Zoom meeting, Wise App, Whatsapp, etc. utilized during Covid 19 pandemic for curriculum delivery.

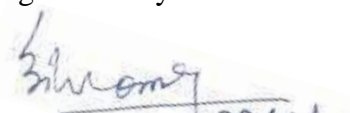
6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘M.Sc. Biotechnology’

6.4.11. The data presented for Self Study Report for ‘**M.Sc. Biotechnology**’ degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, **Dr. Bikram Singh, the Dean, Faculty of Agriculture, SKUAST-Jammu, Chatha** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the college with date and seal



23/04/21

Dean
Faculty of Agriculture
SKUAST-Jammu,
Chatha

Doctoral Programmes

Ph.D.
Agricultural Economics

6.4.1. Brief history of the degree programme:

Division of Agricultural Economics and ABM, a constituent of Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu (SKUAST-J) was established in order to produce economist who can be part of economic and social development of the region. The Division offers Ph.D programme in Agricultural Economics to produce quality human resource with sound technical knowledge in the subject. I am sure you will find the Division of Agricultural Economics and ABM, a place of excellence in the field of education and research.

The Ph.D Agricultural Economics degree programme was started in the year 2006 with the sole aim to impart the quality education in Agricultural Economics in order to generate quality manpower with research capability, advanced technical knowledge and outstanding academic potential in the subject. The programme has a strong component on theoretical and applied aspects with emphasis on application of economics for the need based area. The course has been designed in such a way so as to provide ideal learning opportunities and hands-on practices to the students to become qualified and skilled professionals in order to meet the needs of the region. Advisory and consultancy services are also provided by the faculty members to research scholars and scientists of the entire university.

Objectives

Some of the major objectives behind initiation of Ph.D. programme in Agricultural Economics are given below:

- To impart quality education and carry out research in Agricultural Economics to meet the professional needs.
- To develop trained human resource to cater the need of national and international R&D institutions.
- To teach the students different research methods, collection of data, analysis of data and getting inferences from the data

Accomplishments

- During the period, two students accomplished Ph.D programme from the division.
- In this programme, very important research on economic aspects of sericulture and apple cultivation in Jammu region was accomplished.
- The well trained passed out students are employed in Teaching profession in colleges and universities.
- The agricultural economist has a great demand in conducting marketing research in multinational companies.
- The students also have a great scope for consultancy in agriculture, biotechnology, agri-business management, industries and allied sectors.

6.4.2. Faculty Strength

S.No.	Sanctioned Faculty	Faculty in Place	Vacant Position	Faculty recommended by the ICAR/UGC/VCI/other
1.	Professor	01	00	01
2.	Associate Professor	01	00	01
3.	Assistant Professor	02	00	02
4.	*Assistant Professor (Contractual) for running MBA(ABM) program	03	00	Nil

* Assistant Professor (Contractual) are also contributing for the smooth functioning of the Degree Programme.

6.4.3. Technical and supporting staff

S.No.	Details	Sanctioned	in Place
1	FCLA	1	1
2	Computer Assistant	1	1
3	OCC/helper	1	1
4	*Accounts Assistant (Contractual)	1	1
5	*Office Assistance (Contractual)	1	1

* Staff engaged for MBA(ABM) degree programme are also contributing for the smooth functioning of the Ph.D. Agril. Economics Degree Programme.

6.4.4. Classroom and Laboratories

S. No.	Degree Programme	No. of classrooms	No. of functional laboratories	No. of major equipments/ farm facilities	Theory and Practical Batches	Justification
1	Ph.D Agricultural Economics	1	1	Computers with networking, Photostat machines, Hi Tech Conference cum training room, Temperature controlled Smart Class rooms with Wi Fi facilities	Theory: 2 Practical:2	Full functional for practicals and PG research

6.4.5. Conduct of practical and Hands on training

The practical which are numerical in nature are conducted in the classroom hand on exercise on different practical is conducted by visiting various mandis for collection of data. Visits to various government institutions and NGOs, Private Enterprises, industries concerned with agriculture and allied fields are also undertaken for on spot assessment of their working and developing entrepreneurship traits in the students. Course curriculum given by the ICAR is adopted for overall practical work

6.4.6. Supervision of Students in PG/Ph.D programme

S. No.	Degree Programme	Intake capacity of students	Qualified faculty for supervision of students
1	Ph.D. Agril. economics	2	4 (all)

6.4.7 Feed back mechanism

S. No	Stakeholders	Feedback	Feedback Mechanism supported by documents	Action initiated in the last five years to address the issue raised in the feedback
1	Students	Rated as one of the best division in terms of facilities, teaching with hands on training, excellent exposure to industrial development programmes, thrust on policy research with competitive learning environment	Discussion with students	Sessions conducted for Personality Development; regular visit to different agro-industrial units etc.
2	Farmers	Village Visit and Re-visit programme	One to one interaction with the farmer for on spot solution to their problems	Farmers' are provided awareness through trainings and visits.
3	Industry	-	-	-

6.4.8. Students Intake and attrition:

Name of the degree programme	Actual students admitted in last five years					Attrition (percentage)				
	Year	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20
Ph. D Agril. Economics	00	01	02	01	00	00	00	00	00	00

6.4.9. Give detail about ICT Application in curricula delivery

Modern audio-visual aid/ interactive boards are being used in teaching. Besides, online platforms such as Zoom app, Google meet, Google scholar, Microsoft teams are also used during the COVID-19 pandemic for teaching, conducting thesis and credit seminars.



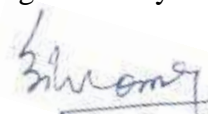
6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘**Ph.D. Agricultural Economics**’

6.4.11. The data presented for Self Study Report for ‘**Ph.D. Agricultural Economics**’ degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, **Dr. Bikram Singh, the Dean, Faculty of Agriculture, SKUAST-Jammu, Chatha** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the college with date and seal


23/04/21
Dean
Faculty of Agriculture
SKUAST-Jammu,
Chatha

Ph.D.
Agri-Business Management
(ABM)

Ph.D. Agri-Business Management

6.4.1. Brief history of the degree programme:

Ph.D. Agri-Business Management (ABM) programme was started at Chatha from the academic session of 2020-21 to build core management expertise among the technically competent agriculture/ other graduates to own and manage sustainable agri –businesses enterprises; to develop entrepreneurial spirits, managerial skills and competence among the students for sustainable agri-business enterprises; to understand dynamics and complexities of the field of agri-business in the emerging global context.

Objectives:

- To build core management expertise among the MBA(ABM) students to own and manage sustainable agri –businesses enterprises.
- To understand dynamics and complexities of the field of agri-business in the emerging global context.
- To acquire advanced professional skills in using appropriate management tools and techniques in the context of agri-business.

Accomplishments

The Ph.D. programme in Agri-Business Management has just been introduced to accomplish following agends in near future:

- Students will be having an opportunity to join teaching profession in Management institutes, colleges and universities.
- The students will be having great scope for consultancy in agri-business management field.
- The Programme will provide a scope for overall improvement and will exposes students to the competitive environment.
- Incubation Centre established in the Division of AEABM will help the students and alumni to maximize the exposure and opportunity to start a business based on their innovative ideas and to shape their ideas into agri Start-ups.

6.4.2. Faculty Strength: Same Faculty is involved in M.Sc. and Ph.D. programmes

S. No.	Post	Sanctioned strength	Faculty in Place	Vacant Position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	1	1	0	0
2	Associate Professor	1	1	0	1
3	Assistant Professor	2	2	0	2
4.	Assistant Professor (Contractual) for running MBA(ABM) program	03	00	Nil	

6.4.3. Technical and supporting staff

S.No.	Details	Sanctioned	in Place
1	FCLA	1	1
2	Computer Assistant	1	1
3	OCC/helper	1	1
4	*Accounts Assistance (Contractual)	1	1
5	*Office Assistance (Contractual)	1	1

* Permanent Staff of the Division are also contributing for the smooth functioning of the Ph.D(ABM) degree programme

6.4.4. Class Rooms & laboratories:

Degree Programme	No. of classrooms	No. of functional laboratories	Justification
Ph.D. Agri-Business	1	1	Labs are fully functional for Ph.D. Practicals/ Research

6.4.5. Conduct of Practical & hands-on-training:

- Visits to various government institutions and NGOs, Private Enterprises, industries etc.
- Course curriculum given by the ICAR is adopted for overall practical work

6.4.6. Supervision of students:

Division	Degree Programme	Intake capacity of students	Qualified faculty for supervision of students
Agri-Business	Ph.D. (ABM)	2	4

6.4.7. Feed back of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Faculty collects the feedback of farmers, livestock owners, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, kisan melas, and training programs. This feedback is kept as a consideration in developing research projects and post-graduate research programs. Undergraduate and postgraduate students are also encouraged to provide feedback towards curriculum delivery methods and performance of faculty members.

6.4.8. Student intake attrition in the programme for last five years:

Name of the degree programme	Actual students admitted in last five years					Attrition (percentage)				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
Agri-Business										
Ph. D	00	00	00	00	00	00	00	00	00	00

6.4.9. ICT Application in Curricula delivery:

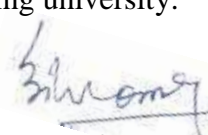
Modern audio-visual aid/ interactive boards are being used in teaching. Besides, online platforms such as Zoom app, Google meet, Google scholar, Microsoft teams are also used during the COVID-19 pandemic for teaching, conducting thesis and credit seminars.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘**Ph.D. Agri-Business Management**’

6.4.11. The data presented for Self Study Report for ‘**Ph.D. Agri-Business Management**’ degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, **Dr. Bikram Singh, the Dean, Faculty of Agriculture, SKUAST-Jammu, Chatha** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.


Signature of Dean of the college with date and seal

23/04/21
Dean
Faculty of Agriculture
SKUAST-Jammu,
Chatha

Ph.D.
(Agricultural Engineering /
Farm Machinery)

6.4.1. Brief history of the degree programme:

Ph.D. Agricultural Engineering/Farm Machinery degree programme was started at Chatha in 2018; to conduct teaching and research in discipline of Farm Machinery & Power Engineering.

The major objective of the Ph.D. Agricultural Engineering/Farm Machinery degree programme is to impart specialized education of Agricultural Engineering/Farm Machinery to doctoral students in order to create trained human resource for J&K state and also to develop and evaluate farm machinery suitable for the region with emphasis on self propelled machines suitable for small and marginal farmers.

Five 05 students have been registered in the field of farm machinery and power engineering. There is no student yet has completed the Ph.D. Agricultural Engineering/Farm Machinery degree programme from the division. However, in terms of developing new and innovative farm machinery for marginal farmers of hilly areas will remain one of the the chief accomplishments of the degree programme.

Machinery Developed by PhD Students:



Fabrication of Semi Automatic Vegetable Transplanter

6.4.2. Faculty Strength: Same Faculty is involved in MTech. and Ph.D. programmes

S. No.	Post	Divisional Sanctioned Strength	Faculty in Place	From Other Schemes	Vacant Position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	1	1		0	0
2	Associate Professor	3	3*		0	0
3	Assistant Professor	4	2 [#]	1 [^]	2	2

* - one faculty promoted as Professor under CAS from Associate Professor

- one faculty promoted as Associate Professor under CAS from Assistant Professor

[^]- one faculty from KVK, Samba

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	From Other Schemes	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies.
1	FCLA	2	2		0
2	Computer Assistant	1	-		0
3	Junior stenographer	1	-		0
4	Mechanic	2	2		0
5	OCC	2	2		0

6.4.4. Class Rooms & laboratories:

Division	No. of classrooms	No. of functional laboratories	No. of major equipment's/ farm facilities/	Justification
Ph.D. Agricultural Engineering (Farm Machinery and Power Engineering)	1	Smart classroom	Smart classroom with interactive board and power backup facility	For conducting UG/PG teaching and seminars
	1	Farm Power	1. Cut Sections of Diesel Engine/ Petrol Engine/ Two strokes/Four Stroke Engines/ Carburetor etc 2. Cut Section of various system of tractor (Cooling, Fuel Supply System, Ignition System, Tractor Transmission System, Braking System, Tractor Hydraulic System, Tractor Steering System etc) 3. Tractors (63hp, 59hp, 30hp, 24hp & 22hp). 4. Power Tillers (different power range)	For conducting UG/PG teaching
		Farm Machinery Lab cum Display Unit	A complete set of farm implements: a) Manual/ hand tools b) Animal drawn implements c) Power tiller and its attachments. d) Self propelled machinery e) Tractor operated machinery	To carry out field work in practicals/research work
		Farm Machinery cum Testing Workshop	a) Lathe Machine b) Shaper c) Radial Drilling Machine d) Drilling Machine e) Arc Welding Set f) Weighing Scale g) Hot Air Oven h) Hardness Testing Machine i) Power Hacksaw j) Air Compressor k) Grinding machine	To carry out modification/ repair/ practicals/ research work testing of farm machinery & equipments

6.4.5. Conduct of Practical & hands-on-training:

The classes are based on demonstration and hands-on experiences on a predetermined and carefully outlined schedule. Practical classes of two hours duration or a working period of three hours in the workshop per week count as one credit.

Practical exams are conducted at the end of the semester with weightage depending on credit hours of a particular course. Some courses are totally practical oriented, while some have both theory and practical.

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty for supervision of students
Ph.D. Agricultural Engineering (Farm Machinery and Power Engineering.	3	04*

*One from KVK

6.4.7. Feed back of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Faculty collects the feedback of farmers, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, and training programs. This feedback is kept as a consideration in developing research projects and post-graduate research programs. Postgraduate students are also encouraged to provide feedback towards curriculum delivery methods and performance of faculty members.

6.4.8. Student intake attrition in the programme for last five years:

Degree programme	Actual students admitted in last five years					Attrition (%)				
	Y1	Y2	Y3*	Y4	Y5 (Current Year)	Y1	Y2	Y3	Y4	Y5 (Current Year)
Ph.D. Agricultural Engineering (Farm Machinery and Power Engineering	--	---	02	01	02	0	0	0	0	0

*Started from 2018-19

6.4.9. ICT Application in Curricula delivery:

The ICT is being used adequately for curricula delivery. The division is provided with internet facility which can be availed by students of all degree programmes. E-Journals, e-books, and online research articles are accessed by the students as well as the faculty. Latest online platforms like Google meet, Zoom, are used for online classes, seminars, examinations etc. All class rooms are fitted with computers, overhead projectors and smart boards. Faculty employs internet for quick, effective, paperless, and traceable mode of communication. Classical classroom teaching has been modified by using projectors for presentations, interactive boards, virtual classes, online examinations, seminars, training programs and viva-voce.

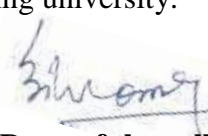
6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘**Ph.D. Agricultural Engineering (Farm Machinery and Power Engineering)**’

6.4.11. The data presented for Self Study Report for ‘**Ph.D. Agricultural Engineering (Farm Machinery and Power Engineering)**’ degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, **Dr. Bikram Singh, the Dean, Faculty of Agriculture, SKUAST-Jammu, Chatha** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the college with date and seal


23/04/21
Dean
Faculty of Agriculture
SKUAST-Jammu,
Chatha

Ph.D. Agronomy

Ph.D. Agronomy

6.4.1. Brief history of the degree programme:

Ph.D Agronomy degree programme was started during the year 1999, with the objective to impart quality education, carry out research activities focussed mainly on crop management, as well as to nourish and develop quality and skilled individuals in the field of Agronomy. Over period of time there have been lot of improvements in infrastructure as University. Well equipped farm facilities and laboratories have established which led to significant improvement in the quality of education and research activities. Recently, various new objectives and initiatives have been included in our Post-graduate programme viz. climate smart agronomy, crop diversification, resource conservation technologies, new molecules of herbicides etc, which aim at achieving food security, higher profitability of field crops, effective and economical weed management of different crops as well as alternate to old herbicides.

Objectives

The major objective of the degree programme is to generate /standardise crop production technologies for productivity and profitability enhancement on sustainable basis for different agroclimatic zones of Jammu region as given below:

- Residue management
- INMS (Integrated Nutrient Management System)
- Crop diversification
- Tillage management
- Weed management
- Water management
- Organic practices
- Crop modelling

Accomplishments

- 11 no of students accomplished Ph.D. Programme during this period
- In this programme we have accomplished package and practices of various new crops viz. fodder, organic package, diversified crops, inter crops
- INMS were established in rice-wheat system
- Conservation technologies for rice and wheat crop were established.
- Efficacy of different mixture of new molecules of herbicides was evaluated and included in package of practices to achieve broad spectrum weed control in different crops for benefits of farmers

6.4.2. Faculty Strength: Same Faculty is involved in M.Sc. and Ph.D. programmes

S. No.	Post	Sanctioned strength	Faculty in Place	Vacant Position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	1	1	0	1
2	Associate Professor	3	1*	2	1
3	Assistant Professor	4	4(2 [#] +1+1 ^{\$})	1	4

* - Promoted as Professor under CAS from Associate/Assistant Professor

- Promoted as Associate Professor under CAS from Assistant Professor

\$ - Promoted as Assistant Professor under CAS from STA

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies.
1	Comp. Asstt	01	01	0
2	Jr. Stenographer	01	-	0
3	FCLA	04	04	0
4	Lab Attendant	01	01	0
5	OCC	02	02	0
6	Mali	02	02	0

6.4.4. Class Rooms & laboratories:

Division	No. of Classrooms	No. of functional laboratories	Justification
Agronomy	01	04	Labs are fully functional for Ph.D. Practicals/ Research

6.4.5. Conduct of Practical & hands-on-training:

All practical pertaining to Agronomy are carried out in Research Farm of agronomy and further research activities were also taken in well-equipped Laboratories. Students carry out hands-on activities under the instructions /supervision of course instructors.



Students Working on the estimation of Oil content in oilseed crop



Students working in the Divisional Laboratories



Students working in the Divisional Fields

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty for supervision of students
Ph.D. Agronomy	05	04

6.4.7. Feed back of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Faculty collects the feedback of farmers, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, ZREAC meetings and training programs. This feedback is kept as a consideration in designing thesis problems of the students.

S.NO.	Stakeholders	Feedback	Feedback Mechanism supported by documents	Action initiated in the last five years to address the issue raised in the feedback
1	Students	<ul style="list-style-type: none"> • Feedback from students is received by individual course instructor during their respective classes while interacting with them • Feedback taken through regular interaction of student with his advisor and once in month with his advisory committees 		<ul style="list-style-type: none"> • Used in further improving the teaching • Feedbacks put forward through main academic bodies of the faculty such as 'Faculty of Agriculture' and 'Board of Studies, before taking to Academic Council.
2	Farmers	<p>Received in during Extension activities of the Division in which team of Scientists visits their fields and gives solution to their problems. Regular Village Visit and revisits to designated villages are conducted by various teams, which again helps in solving their problems in all the concerned fields like pest and diseases management, seed treatments, availability of improved variety seeds. Further, farmer's feedback is also received during biannual ZERAC meeting conducted by Directorate of Extension Education</p>	Document is supported by proceedings of ZREAC	Various research programmes have been initiated and implemented
3	Industry	-	-	-
4	Parents	Received occasionally	-	-
5	Employers	-	-	-

6.4.8. Student intake attrition in the programme for last five years:

Name of the degree programme	Actual students admitted in last five years					Attrition (percentage)				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
Ph.D.	0	01	04	04	04	Nil	Nil	Nil	Nil	Nil

6.4.9. ICT Application in Curricula delivery:

ICT tools are being used for curricula delivery. Classroom has all the facilities such as projector for power point presentations during lectures and seminars. Online tools, power point and e-notes are used for teaching purpose. Students and faculty members have access to e-books and e- Journals. Many books , manuals ,extension bulletins etc. and have been published from time to time for UG/PG students and capacity building in farmers.

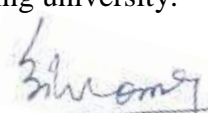
6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘**Ph.D. Agronomy**’

6.4.11. The data presented for Self Study Report for ‘**Ph.D. Agronomy**’ degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, **Dr. Bikram Singh, the Dean, Faculty of Agriculture, SKUAST-Jammu, Chatha** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the college with date and seal


23/04/21
Dean
Faculty of Agriculture
SKUAST-Jammu,
Chatha

Ph.D. Genetics & Plant Breeding

6.4.1. Brief history of the degree programme:

Ph.D. degree programme in Genetics & Plant Breeding was started at R.S. Pura in 1999. The Division of Plant Breeding & Genetics serves as the backbone of any agricultural system and so of SKUAST- Jammu. The division came into existence with the carving out of the SKUAST-J from United SKUAST in 1999.

The division primarily aims at improvement and development of field crop varieties either niche areas or well adapted to the different ecologies of Jammu. It targets improvement of Basmati and non-Basmati rice, Wheat, Rapeseed –Mustard, Pulses and some fodder crops like oats, etc.

The objective of Ph.D. degree programme in Genetics & Plant Breeding is to develop human resource trained in following aspects:

- Development of high yielding varieties of Basmati rice with improved quality traits and reduced maturity.
- Development of wheat varieties for resistance against stripe rust and leaf rust along with drought and heat tolerance.
- Development of rapeseed-Mustard varieties with improved resistance against insect-pests, diseases and oil quality.
- Human resource development in the area of conventional and molecular breeding.

Accomplishments

The division of Plant Breeding & Genetics since its inception in 1999 has led to the development of 18 varieties in different crops which include five in rice, four in wheat, eight in rapeseed mustard and one in Maize. **The students of Ph.D. degree programme in Genetics & Plant Breeding of division of Ph.D. degree programme in Genetics & Plant Breeding have a great contribution in developing all these varieties.**

6.4.2. Faculty Strength: Same Faculty is involved in M.Sc. and Ph.D. programmes

S. No.	Post	Sanctioned strength	Faculty in Place	Vacant Position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	1	0	1	1
2	Associate Professor	3	2	1	1
3	Assistant Professor	4	3 (1 [#] +2)	1	2

- Promoted as Associate Professor under CAS from Assistant Professor

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies.
1	Farm Superintendent	01	0	0
2	Jr. Stenographer	01	01	0
3	Computer Asstt.	01	01	0
4	FCLA	04	03	0
5	Mali	02	01	0
6	OCC	03	02	0

6.4.4. Class Rooms & laboratories:

Division	No. of classrooms	No. of functional laboratories	No. of major equipments / farm facilities/	Justification
Plant Breeding & Genetics	02	07	<ol style="list-style-type: none"> 1. Spectrophotometer 2. Microscopes 3. Thermocyclers 4. Laminar air flows 5. Incubators 6. Refrigerator 7. Deep freezer 8. Microwave ovens 9. Electrophoretic Units 10. Autoclaves 11. Gel doc units 12. Hot air oven 	Labs are fully functional for conducting Practicals/ Research

6.4.5. Conduct of Practical & hands-on-training:

- The classes are based on demonstration and hands-on experiences on a predetermined and carefully outlined schedule.
- Practical classes of two hours duration per week count as one credit.
- Some courses are totally practical oriented, while some have both theory and practical.



Students working in molecular lab



Students hands on training



Research and evaluation of field experiments

On-farm interaction with farmers and feedback

6.4.6. Supervision of students:

Division	Degree Programme	Intake capacity of students	Qualified faculty for supervision of students
Ph.D. Plant Breeding & Genetics	Ph.D.	03	05

6.4.7. Feed back of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Faculty collects the feedback of farmers, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, kisan melas, zonal meetings with line department and training programs. This feedback is kept as a consideration in developing research projects and post-graduate research programs.

6.4.8. Student intake attrition in the programme for last five years:

Name of the degree programme	Actual students admitted in last five years					Attrition (percentage)				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
Ph. D.	1	1	2	0	3	0	0	0	0	0

6.4.9. ICT Application in Curricula delivery:

The division is provided with internet facility which can be availed by students of all degree programmes. E-Journals, e-books, and online research articles are accessed by the students as well as the faculty. Latest online platforms like Google meet, Zoom, are used for online classes, seminars, examinations etc. All class rooms are fitted with computers, overhead projectors and smart boards. In order to analyse data generated from various experiments conducted by the teachers as well as students Windowstat Software from Indostat Services Hyderabad is available with Division. Various kinds of data analysis on breeding mating designs viz., Diallel, Line x Tester, Tripple Test Cross, Double Cross, Triple test cross, NCD designs as well as biometrical techniques viz., Generation mean, heterosis breeding and stability models are being performed thereby helping students as well as teachers.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘**Ph.D. Plant Breeding & Genetics**’

6.4.11. The data presented for Self Study Report for ‘**Ph.D. Plant Breeding & Genetics**’ degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, **Dr. Bikram Singh, the Dean, Faculty of Agriculture, SKUAST-Jammu, Chatha** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.


Signature of Dean of the college with date and seal

23/06/21
Dean
Faculty of Agriculture
SKUAST-Jammu,
Chatha

Ph.D. Agricultural Extension & Communication

Ph.D. Agricultural Extension & Communication

6.4.1. Brief history of the degree programme:

Ph.D. Agricultural Extension & Communication degree programme was started at Chatha in 2006-07; to teach the students different research methods, collection of data, processing of data, getting inferences from the data and generating real time data.

Objectives:

The Specific Objectives for Ph D degree programme are:

1. To develop the human resources in the discipline of extension education.
2. To develop the professional competencies among the students for adaptability, employability and equity.
3. To develop the advance techniques in agricultural extension education.
4. To strengthen the basic and applied research in the field of agricultural extension education.
5. To enhance the career opportunities among the agricultural extension professionals.
6. To conduct impact evaluation of different govt schemes/ programmes pertaining to the field of agriculture and rural development.

Accomplishments

Fifteen students from J&K, Ladakh, Punjab, Himachal Pradesh, Andhra Pradesh & Bihar have accomplished their Ph.D. Agricultural Extension & Communication degree programme from the division and two of them appointed as Assistant Professors in different colleges. selected during the last five years are given below:

6.4.2. Faculty Strength: Same Faculty is involved in M.Sc. and Ph.D. programmes

S. No.	Post	Sanctioned strength	Faculty in Place	Vacant Position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	1	1	0	0
2	Associate Professor	3	2(1*+1)	1	1
3	Assistant Professor	3	3 (1#+2)	0	1

* - Promoted as Professor under CAS from Associate/Assistant Professor

- Promoted as Associate Professor under CAS from Assistant Professor

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies.
1	Junior Stenographer	01	01	0
2	EDP Supervisor	01	01	0
3	Artist-cum-Photographer	01	01	0
4	FCLA	02	02	0
5	OCC	01	01	0
6	Lab. Attendant	01	01	0
7	Audio Visual Operator	01	01	0

6.4.4. Class Rooms & laboratories:

Division	No. of classrooms	No. of functional laboratories	Justification
Agricultural Extension & Communication	02	01	Labs are fully functional for Ph.D. Practicals/ Research -

6.4.5. Conduct of Practical & hands-on-training:

Study of adoption status and adoption gap of different crops and enterprises is undertaken in practicals. Course curriculum given by the ICAR is adopted for overall practical work.

6.4.6. Supervision of students:

Division	Degree Programme	Intake capacity of students	Qualified faculty for supervision of students		
Agricultural Extension & Communication	Ph.D.	04	06		
			S. No	Designation	Qualification
			1	Professor	Ph. D
			2	Professor	Ph. D
			3	Professor	Ph. D
			4	Assoc. Prof.	Ph. D
			5	Asstt. Prof	Ph. D
6	Asstt. Prof	Ph. D			

6.4.7. Feed back of stakeholders (Students, parents, industries, employers, farmers, etc.):

During 7th extension council meeting one Ph D student was assigned the research work as per the feedback of stake holders (Annexure)

The farmers are connected through off line mode (Field visits, Village visit programme) and through online mode (Whats'app groups) to address their problems. Number of visits were conducted by the faculty to get regular feed backs. Students and parents feedback is also regularly received for improvement in research and teaching.

6.4.8. Student intake attrition in the programme for last five years:

Name of the degree programme	Actual students admitted in last five years					Attrition (percentage)				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
Ph. D. Agricultural Extension & Communication	03	02	01	02	03	0	0	0	0	0

6.4.9. ICT Application in Curricula delivery:

Students are asked to do the project work and assignments through Power Point Presentations mode and almost all interactions in this regard is done through power point presentation. Course wise whats App groups are created for discussion among the students and online classes through different social networking sites like Zoom, Google Meet are regularly conducted particularly during the Covid-19 period. E-courses are also delivered to the students. Teaching through the use of Smart Class Room is also practised



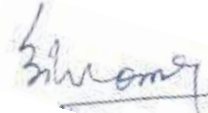


6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘**Ph.D. Agricultural Extension & Communication**’

6.4.11. The data presented for Self Study Report for ‘**Ph.D. Agricultural Extension & Communication**’ degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, **Dr. Bikram Singh, the Dean, Faculty of Agriculture, SKUAST-Jammu, Chatha** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.


 Signature of Dean of the college with date and seal
 23/04/21
 Dean
 Faculty of Agriculture
 SKUAST-Jammu,
 Chatha

Ph.D. Soil Science & Agricultural Chemistry

6.4.1. Brief history of the degree programme:

Ph.D. Soil Science & Agricultural Chemistry degree programme was started at R. S. Pura in 1999, with the inception of the University. The primary objective of imitating this programme was to impart quality higher education, to well verse the students with the advances in the field of Soil Sciences and carry out basic and applied research in this field. Soils form the backbone of agricultural production system and its good health is essential to quality and quantity of produce. The doctoral research, which forms an important component of the research programme, strives to cater to the soil health issues prevalent in the region or arising from time to time. The doctoral research also focus on latest issues such as exploring the role of soils in climate change mitigation through various strategies. The doctoral research component covers issues from basic nutrient management to soil carbon sequestration to soil losses in the region. Our doctoral students have been absorbed in various autonomous, private, and governmental institutions.

Objectives

The primary objectives of the Ph.D. Soil Science & Agricultural Chemistry degree programme are given below:

- To conduct basic and strategic research on sustainable management of soil, water and nutrients for securing food and national security
- To undertake basic and applied research in the fields of Soil fertility, Soil resource inventory and problem soil management
- To provide quality education in the field of soil science

The major thrust areas of research for Ph.D. Soil Science & Agricultural Chemistry of the division include Soil and water conservation; Integrated nutrient management, Soil health monitoring and management, Sustainable management of soil fertility, GIS and remote sensing and Soil carbon sequestration etc.

Accomplishments

The findings of research conducted by Ph.D. students have contributed in updating of package of practices of the University. In last five years, three students of the division have qualified NET examination; four (04) PhD students have been awarded with BEST THESIS Award. One PhD student has been awarded with Best researcher award. Besides, several students have been awarded with best poster presentation, student initiative awards and e-poster in Conferences/Symposia.

6.4.2. Faculty Strength: Same Faculty is involved in M.Sc. and Ph.D. programmes

S. No.	Post	Sanctioned strength	Faculty in Place	Vacant Position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	1	1	0	0
2	Associate Professor	3	3	0	1
3	Assistant Professor	4	5 (1*+2#+1+2\$)	0	2+1

* - Promoted as Professor under CAS from Associate/Assistant Professor

- Promoted as Associate Professor under CAS from Assistant Professor

\$ - Promoted as Assistant Professor under CAS from STA

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies.
1	Jr.Stenographer	1	1	0
2	EDP Supervisor	1	1	0
3	FCLA	3	3	0
4	Mali	2	2	0
5	Lab attendant/ OCC	2	2	0

*For office support

**One FCLA for management of Laboratories and Instruments; One FCLA for field management and field work supervision; One FCLA for management of store and supplies including field inputs, Laboratory consumables, instrumentation and equipment records etc.

#Field work

##Laboratory and Office support

6.4.4. Class Rooms & laboratories:

Division	No. of classrooms	No. of functional laboratories	No. of major equipment/ farm facilities/	Justification
Soil Science and Agril. Chemistry	1	5	27	Labs are fully functional for Ph.D. Practicals/ Research

Major Laboratories (05)

01- High End Instrumentation Lab

01- Basic Instruments and General Soil testing

02-Standard Laboratories for Soil Chemistry and fertility, Soil Physics etc.

01-Exclusive Soil Microbiology Laboratory

List of Major Instruments/equipment

S. No.	Item	No.
1	Water purification system, Atomic Absorption Spectrophotometer, CHNS analyser, BOD incubator, Deep Freezer, Hydraulic conductivity meter, Yoder Wet sieving Apparatus, Penetrometer, Permeability apparatus, Total Carbon Analyzer, Soil and water potential meter, Laminar Air flow, Water Bath	1 each
2	Centrifuge, Muffle Furnace, Spectrophotometer, Digestion Block	2 each
3	Nitrogen Auto Analyser, Hot Air Oven, Flame Photometer, Infiltrometer, Distillation apparatus, Online UPS, Shaker	3 each
4	Analytical balance	6 each
5	pH meter, Conductivity meter	5 each



Some major Instruments (CHNS analyzer and AAS) in the Division of Soil Science and Agricultural Chemistry

Apart from quality Instrumentation, the division owns powerful remote sensing and GIS software:

S. No.	Software	Capability
1	ArcMAP v 9.2 and v 10.0	Powerful GIS software with some image processing capabilities.
2	ENVI	Digital Image Processing Software for remote sensing Imageries
3	GS+	Geostatistical calculations with GIS/mapped outputs



Ph.D. student's Seminar being delivered in Divisional Classroom.

6.4.5. Conduct of Practical & hands-on-training:

The Ph.D. courses as per dean's committee do not have any practical component. However, the Division of Soil Science and Agricultural Chemistry is fully equipped to facilitate doctoral research programme wherein all students carry out practical activities pertaining to their research themselves under the guidance/instructions from their advisors. Laboratories. Students carry out hands-on activities under the instructions from/supervision of their major advisors. Moreover, students have 24 hour access to the laboratories.



Analysis of soil samples in the course of achieving research objectives.



Students carrying out research in Laboratories both during day and night.



PhD Students carrying out Field work pertaining to their research programme.

6.4.6. Supervision of students:

Division	Degree Programme	Intake capacity of students	Qualified faculty for supervision of students
Soil Science and Agril. Chemistry	Ph.D.	4	6

The division has an intake capacity of 4 students every year including one through ICAR. Students are given a preference to choose among eligible faculty members on merit basis. Doctoral research programme is an important part of the overall research mandate of the division. Research components vary depending upon local needs as well as emerging fields ranging from nutrient management to climate change mitigation through erosion prevention and carbon sequestration.

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

Faculty collects the feedback of farmers, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, ZREAC meetings and training programs. This feedback is kept as a consideration in developing research projects and post-graduate research programs. Important feedback concerning regulatory changes is put forward through main academic bodies of the faculty such as 'Faculty of Agriculture' and 'Board of Studies, PG' and discussed at length in their meetings before taking it to the University level 'Academic Council'. Non-regulatory issues, concerning student requirements general issues are resolved at divisional level. There was an issue concerning reimbursement of conference fees to PhD students, that was resolved recently. Farmers' get their soil samples tested in the division of soil science & agricultural chemistry on regular basis and during the submission of samples they provide their feedback and inputs regarding issues faced by them. Their issues are resolved through personal communications, through field functionaries of the line departments, statutory level meetings, concerned KVKs etc. Employees regularly provide feedback on various activities of the division through frequent meetings.

6.4.8. Student intake attrition in the programme for last five years:

Name of the degree programme	Actual students admitted in last five years					Attrition (percentage)				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
Soil Science and Agril. Chemistry										
Ph.D.	2	3	2	1	4	0	33.33	0	0	0

6.4.9. ICT Application in Curricula delivery:

ICT tools are being used for curricula delivery. Classroom has all the facilities such as projector for power point presentations during lectures and seminars. Online tools, power point and e-notes are used for teaching purpose. Students and faculty members have access to e-books and e- Journals. PhD programme deals with advances in particular field of the subject. Therefore, discussing latest research articles forms an important component of the curriculum activity. Sharing of these articles on line have been made easier through the access to e-cera as well as other online resources. use of online tools for teaching such as Power points; e-notes etc. is regular.

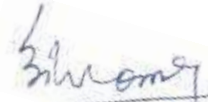
6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘**Ph.D. Soil Science and Agril.Chemistry**’

6.4.11. The data presented for Self Study Report for ‘**Ph.D. Soil Science and Agril.Chemistry**’ degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, **Dr. Bikram Singh, the Dean, Faculty of Agriculture, SKUAST-Jammu, Chatha** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the college with date and seal


22/04/20
Dean
Faculty of Agriculture
SKUAST-Jammu,
Chatha

Ph.D. Entomology

Ph.D. Entomology

6.4.1. Brief history of the degree programme:

The Division of Entomology has attained a full-fledged status since the creation of SKUAST Jammu to develop skilled and efficient human resource in the field of entomological aspects. The Ph.D. Entomology degree programme was started in 2002 with the objective to train and develop the manpower in the area of IPM, beneficial insect (apiculture), toxicology and biological control.

Objectives

Currently the Ph.D Entomology programme is offered with 75 credits distributed in six semesters which includes 15 credits for major courses, 08 credits for minor courses, 05 credits for supporting courses, 02 credit for seminar and 45 credits for thesis research. In addition, 06 credits for non-credit compulsory courses besides deficiency courses for students from others than entomology background are also included to improve the research acumen, skill and employability of the students to meet the local and global needs.

Accomplishments

During the last five years, 11 students have accomplished PhD programme during the period. The research conducted by Ph.D. students has contributed towards standardization of IPM package for major crops and their associated pests have been developed. The biological suppression of *Parthenium hysterophorus* through introduction and release of beetle, *Zygommatobicolorata* has successfully accomplished. The bio intensive IPM module for production of organic tomato through integration of local virulent HaNPV strain and egg parasitoid *Trichogramma pretiosum* was developed and demonstrated. Exploration of biocontrol potential of indigenous parasitoids, predators and pathogens of Jammu region has been done. In area of apiculture, significant achievement through development of artificial diets, low cost wasp traps and domestication of Non apis bees has been accomplished.

6.4.2. Faculty Strength: Same Faculty is involved in M.Sc. and Ph.D. programmes

S. No.	Sanctioned faculty	Faculty in Place	Vacant Position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	0	1	1
2	Associate Professor	1 (1*)	2	3
3	Assistant Professor	8 (1+1*+2#+4&)	1	4

* - Promoted as Professor under CAS from Associate/Assistant Professor

- Promoted as Associate Professor under CAS from Assistant Professor

& Adjunct faculty from Research Station/KVK

6.4.3. Technical & Supporting Staff:

S. No.	Sanctioned Technical and supporting staff	Sanctioned Technical and supporting in palce	Vacant positions	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies.
1.	Jr. Stenographer	01	-	0
2.	Computer Assistant	01	-	0
3.	FCLA	04	01	0
4.	Mali	02 (01*)	01	0
5.	OCC	03(01*)	01	0

*Attached with VC Secreatariat and ACHR, Udheywalla

6.4.4. Class Rooms & laboratories:

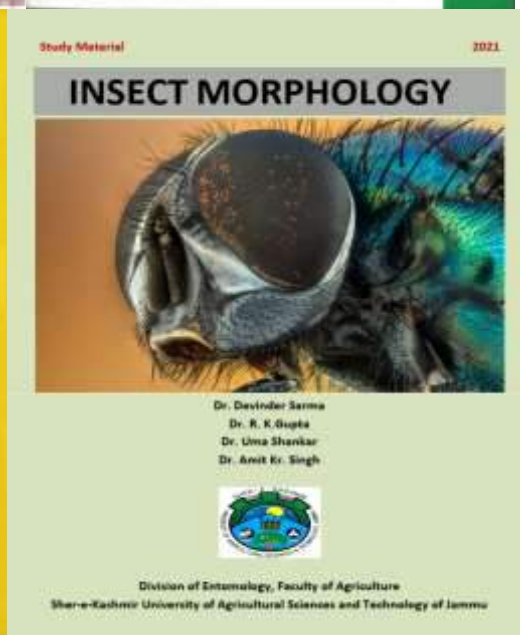
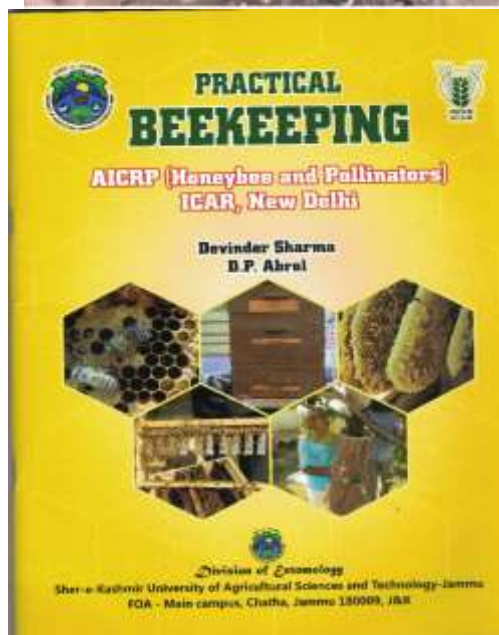
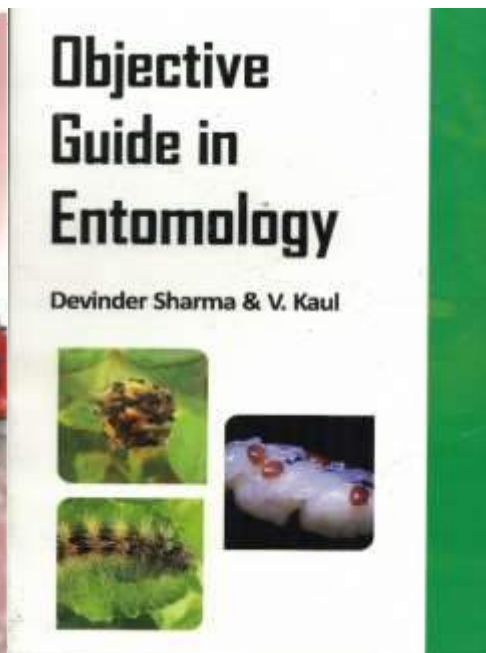
Division	No. of classrooms	No. of functional laboratories	No. of major equipments/ farm facilities/	EL units	Justification
Entomology	01	05	15	02	Labs are fully functional for Ph.D. Practicals/ Research

6.4.5. Conduct of Practical & hands-on-training:

- Practical classes are conducted in the laboratory as well under field conditions.
- Students are provided with hands on training in apiculture, plant clinic and practical IPM technologies. Laboratories, apiculture unit well equipped in terms of infrastructure and facilities to conduct Laboratory/field experiments.



Field visit of students



Publications (Entomology)

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty for supervision of students	Students /faculty as per RRI	Actual students faculty
Ph.D. Entomology	03	05	3 students/assistant Professor 4 students /Associate Professro 5 students /Professor	01 students/assistant Professor 01 students /Associate Professro 01 students /Professor

6.4.7. Feed back of stakeholders (Students, parents, industries, employers, farmers, etc.):

All the students are connected through on line mode to express their views. Regular feedback is received from farmers regarding diagnosis and management in insect pest problems. Feedback is also taken for setting up of new apiculture units. Parents are advised to pay regular visits in the division for interactive sessions regarding their wards academic progress.

6.4.8. Student intake attrition in the programme for last five years:

Name of the degree programme	Actual students admitted in last five years					Attrition (percentage)				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
Entomology										
Ph. D.	04	03	00	01	03	0	0	0	0	0

Y1 : 2016; Y2-2017; Y3-2018; Y4-2019; Y5-2020

6.4.9. ICT Application in Curricula delivery:

04 no. of E-courses have been developed for the students. Modern audio-visual aids are being used in teaching. Online platforms such as Zoom app, Google meet, Microsoft teams are also used during the COVID-19 pandemic for teaching, conducting thesis and credit seminars.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘**Ph.D. Entomology**’

6.4.11. The data presented for Self Study Report for ‘**Ph.D. Entomology**’ degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, **Dr. Bikram Singh, the Dean, Faculty of Agriculture, SKUAST-Jammu, Chatha** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the college with date and seal

23/04/21
 Dean
 Faculty of Agriculture
 SKUAST-Jammu,
 Chatha

Ph.D. Floriculture & Landscaping

Ph.D. Floriculture and Landscaping

6.4.1. Brief history of the degree programme:

Ph. D. Floriculture and Landscaping' degree programme was started at Chatha in 2020-21, to provide advance knowledge in production, breeding, tissue culture, climate resilience techniques under changing scenario and inculcate the new dimensions in these facets.

The degree programme has been started recently to create scientific manpower for developing floriculture sector in the region. Besides, entrepreneurship development in post harvest management of flowers will remain one of the the key focs areas.

6.4.2. Faculty Strength: Same Faculty is involved in M.Sc. and Ph.D. programmes

S. No.	Post	Sanctioned strength	Faculty in Place	Vacant Position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	-	-	-	1
2	Associate Professor	1	1*	0	1
3	Assistant Professor	3	3**	0	2

* - Promoted as Professor under CAS from Associate/Assistant Professor

** Two Assistant Professors (Landscaping) are attached with the Division

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies.
1	FCLA	Nil	Nil	0
2	Jr. Stenographer	Nil	Nil	0
3	Computer Asstt.	Nil	Nil	0
4	Mali/OCC	Nil	Nil	0

* There is no demarcation regarding technical and supporting staff between Vegetable Science and Floriculture sections of the Division and full details have been mentioned in the Vegetable Section.

6.4.4. Class Rooms & laboratories:

Division	No. of classrooms	No. of functional laboratories	No. of major equipments/ farm facilities/	Justification
Floriculture & Landscaping	Nil	Nil	Nil	Nil

There is no demarcation regarding classrooms and laboratories between Vegetable Science and Floriculture sections of the Division and full details have been mentioned in the Vegetable Section.

6.4.5. Conduct of Practical & hands-on-training:

All the PG students are distributed the breakup of course curriculum well in advance before the start of lecture delivery. Both theory and practical's are given equal weightage with demonstrations in labs and in the fields.

6.4.6. Supervision of students:

Division	Degree Programme	Intake capacity of students	Qualified faculty for supervision of students
Floriculture & Landscaping	Ph. D.	02	04

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

All the students had been connected through on line mode to express their views. On farm solutions for the field problems has also been collected. Farmers feedback is also noted through field functionaries during T&V workshops, the farmers are connected through off line mode (Field visits, Village visit programme) and through online mode (Whats'app groups) to address their problems. Parents are regularly interacted during their visits in department.

6.4.8. Student intake attrition in the programme for last five years*:

Name of the degree programme	Actual students admitted in last five years					Attrition (percentage)				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
Floriculture and Landscaping										
Ph.D.	0	0	0	0	2	0	0	0	0	-

*started from the academic session of 2020-21

6.4.9. ICT Application in Curricula delivery:

Modern audio-visual aids such as Zoom app, Google meet etc are being used for teaching, conducting viva voce examinations and credit seminars.

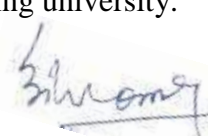
6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘Ph.D. Floriculture and Landscaping’

6.4.11. The data presented for Self Study Report for ‘Ph.D. Floriculture and Landscaping’ degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, Dr. Bikram Singh, the Dean, Faculty of Agriculture, SKUAST-Jammu, Chatha hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the college with date and seal


23/04/21
Dean
Faculty of Agriculture
SKUAST-Jammu,
Chatha

Ph.D.
Food Science & Technology

Ph.D. Food Science and Technology

6.4.1. Brief history of the degree programme:

Ph.D. Food Science and Technology degree programme was started at Udheywalla in 2004-05 to impart knowledge and practical training to students in food processing and post harvest management to carry out research in Food Science and Technology for human resource development, entrepreneurship development for generating employment through value addition and processing of food crops for reduction of postharvest losses and to develop trained human resource to cater the need of national and international R&D institutions.

Accomplishments

- 15 students have been awarded Ph. D. degree in Food Science & Technology w.e.f 2016 to 2021.
- Students have been placed as Asstt. Professors in SKUAST-Kashmir, Amity University, Nodia, Lovely Professional University, Jalandhar; Agriculture Dept., J&K Finance Department, J&K, Food Safety Officer, Research Associate in SKUAST-K.

6.4.2. Faculty Strength: Same Faculty is involved in M.Sc. and Ph.D. programmes

S. No.	Post	Sanctioned strength	Faculty in Place	Vacant Position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	-	-	-	0
2	Associate Professor	1	1*	0	0
3	Assistant Professor	4	4 (1#+2+1@)	1	0

* - Promoted as Professor under CAS from Associate/Assistant Professor

- Promoted as Associate Professor under CAS from Assistant Professor

@ - Promoted as Professor under CAS from STA

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies.
1	Computer Asstt.	01	01	0
2	FCLA	02	02	0
3	OCC	01	01	0

6.4.4. Class Rooms & laboratories:

Division	No. of classrooms	No. of functional laboratories	No. of major equipments/ farm facilities/	Justification
Food Science and Technology	1	3	Refrigerated-centrifuge	All Labs are fully functional for UG & PG Research.
			Freeze drier	
			Dehydrator	
			Spectrophotometer	
			Soxlet	
			Hunter lab colorimeter	
			HPLC	
			Moisture analyser	
			AAS	
			Muffle Furnace	
			Shrink wrapping machine	
			Pulper	
			Juice extractor	
			Semi automatic juice filling machine	
Canning line				
Baby boiler				

6.4.5. Conduct of Practical & hands-on-training:

All practicals are carried out in Laboratories and students carry out hands-on activities under the supervision of course instructors.



6.4.6. Supervision of students:

Division	Degree Programme	Intake capacity of students	Qualified faculty for supervision of students
Food Science and Technology	Ph. D	2	05

6.4.7. Feed back of stakeholders (Students, parents, industries, employers, farmers, etc.):

Feedback on Value addition of different farm products like vegetables, fruits, mushrooms etc. is received from different industries and enterprises. Regular visits are conducted by the faculty to get feed backs.

Advisory committee meetings are held from time to time to assess progress of students and get their feedback. Value addition of different farm products like vegetables, fruits, mushrooms etc. is advocated to the farmers through standardized procedures and protocols. Feedback is also taken during different training programmes from officers of State horticulture, Agriculture, Planning and Marketing, ICDS workers and Village visit programmes

6.4.8. Student intake attrition in the programme for last five years:

Name of the degree programme	Actual students admitted in last five years					Attrition (percentage)				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
Food Science and Technology										
Ph. D.	06	02	03	01	03	0	0	0	0	0

6.4.9. ICT Application in Curricula delivery:

Lectures are delivered using platforms like Google Meet, Zoom meeting, Whatsapp, etc. utilized during Covid 19 pandemic for curriculum delivery of online presentations, oral comprehensive and thesis viva voce exams.

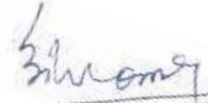
6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘Ph.D. Entomology’

6.4.11. The data presented for Self Study Report for ‘Ph.D. Entomology’ degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, **Dr. Bikram Singh, the Dean, Faculty of Agriculture, SKUAST-Jammu, Chatha** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the college with date and seal


23/04/21
Dean
Faculty of Agriculture
SKUAST-Jammu,
Chatha

Ph.D. Forestry

Ph.D. Forestry

6.4.1. Brief history of the degree programme:

The Division of Agroforestry is successfully running Master's Degree Programme since 2006 with annual intake of 04 students and 10 students have passed out with 06 students on roll in 2012. Moreover, the postgraduates students who have completed their Master's degree from our institute have to go outside the state for pursuing their Doctoral studies. Initiation of Doctoral Programme in Forestry would also ensure the availability of the qualified staff in the State Agricultural Universities as well as other Development Departments of J&K. The university has also sign a MOU with State Forest Research Institute wherein it has also been agreed to allow in service officials serving as Range Officers/ ACF's from the Department of Forests, Govt. of J&K for pursuing their Master's and Doctoral degree programme at SKUAST-Jammu. By this way they will also get chance to improve their qualification to better serve their department. Qualified students with doctorate degree may also get a chance to serve in the private sector such as plantation companies and industries and other forestry and environmental related sectors. With this background, Ph.D. degree programme in Agroforestry was started at Chatha in 2013-14 after concurrence from 13th Academic Council, SKUAST-Jammu.

Objectives

- To impart quality education & carry out research in agroforestry
- To develop trained human resource to cater the need of national and international R&D institutions.

Accomplishments

One student has been selected in ARS (ICAR) and two have been working in UT forest department. Besides, 03 in-service candidates of SAU have completed their degree programme. Two students had also joined Ph. D. In this division after qualifying ICAR-senior research fellowship.

6.4.2. Faculty Strength: Same Faculty is involved in M.Sc. and Ph.D. programmes

S. No.	Post	Sanctioned strength	Faculty in Place	Vacant Position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	1	0	1	0
2	Associate Professor	3	3*	0	0
3	Assistant Professor	3	3(1*+1#+1)	0	1

* - Promoted as Professor under CAS from Associate/Assistant Professor

- Promoted as Associate Professor under CAS from Assistant Professor

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies.
1	FCLA	02	01	0
2	Stenographer	01	0	0
3	Computer Assistant	01	0	0
4	Mali	02	01	0
5	OCC/helper	02	01	0

6.4.4. Class Rooms & laboratories:

Division	No. of classrooms	No. of functional laboratories	No. of major equipment's/ farm facilities/	Justification
Agroforestry	1	-	-	Smart classrooms for conducting PG teaching and seminars
		1 (PG Lab)	Seed germinator -01 Flame photometer-01 Ravi's Altimeter-02 Clinometer-02 pH & conductivity meter-01 Oven-02, GPS-01 Abney's level-01 Increment borer-01, Tree caliper-15, Lux meter-01 Sound Level Meter-02 TDS meter-01, Leaf area meter-01, Spectrophotometer-01, Water distillation unit-01, M&AP dried samples	For conducting PG practicals and research pertaining to forest biometry, agroforestry, silviculture, medicinal and aromatic plants (Equipped with power backup and fire extinguishing equipment)
			Farm equipments Power operated pit digger-02 Power chain saw-01 Battery operated spray pumps-2 Power operated spray pump-01, Pruning saw-02 Secateurs-05, Ladders-5	To carry out field work in practicals/research work
			Shade net structure-02 Mist Chamber-01	Propagation studies and production of quality planting material
			Herbal Garden- 01 ha Experimental area: 2 ha	For creating awareness, germplasm conservation and multiplication of M&APs and conduct of research trials. Plantation of different tree species such as Poplar, eucalyptus, <i>Meliacomposita</i> , <i>M. Dubia</i> , <i>M. Azadirach</i> , Salix, harad have been done to undertake studies on different aspects. Quality planting material of M&APs, tree species are produced for further distribution.



Herbal Garden view established at Chatha



Nakshatra and Navgraha Vatika



Field Gene bank of *Terminalia chebula*

Nursery Raising



Agroforestry Experimental Farm



Evaluation of *Terminalia chebula* based silvipastoral system



Bud wood bank of *Terminalia chebula* Eucalyptus plantation for growth and tree crop interaction studies



Growth evaluation trails of different *Melia* species

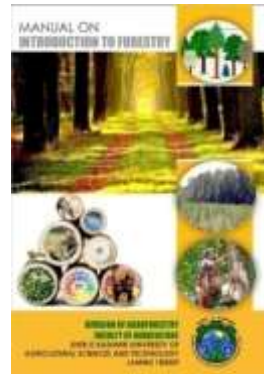
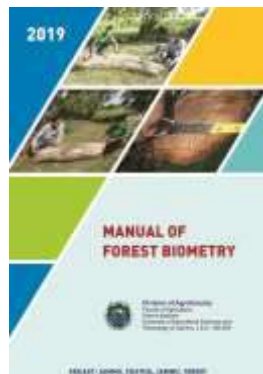


Poplar plantation for intercropping studies

Evaluation of different clones of Poplar

6.4.5. Conduct of Practical & hands-on-training:

The practicals are conducted in the laboratories and hands-on exercises on different practicals are conducted in the nursery as well as in field.



Students recording tree growth parameters in biometry course practical



Ph. D students preparing potting mixture for raising nursery of trees in forest regeneration practical



Students measuring leaf area and recording conductivity and pH of soil samples



Display of dried Herbal plant parts in PG laboratory



Students planting turmeric crop for tree crop interaction studies in agroforestry practical



Lay out of quadrates in forest area



Marking of CPT's of *Toonacilaita*

Van Mahotsava



“Festival of trees-Vanmahotsava” being celebrated at Chatha Campus

6.4.6. Supervision of students:

Division	Degree Programme	Intake capacity of students	Qualified faculty for supervision of students
Agroforestry	Ph. D Agroforestry	3	6 +3 [#]

#03 scientist from KVK involved in teaching and advisement of PG students

6.4.7. Feed back of stakeholders (Students, parents, industries, employers, farmers, etc.):

Students:

Ph. D students requested to allow them for participation in outreach programmes /workshops/conferences atleast once in a year. Students are now regularly deputed and the expenditure incurred is reimbursed to them. They also requested to maintain hygienic conditions in the laboratories and scholar room to prevent the spread of COVID-19 infection. The sanitizer dispenser was installed and laboratories are sanitized regularly. Students requested to conduct field trips to nearby wood based industries and wildlife sanctuaries to have practical knowledge of the subject. Students are now taken to nearby wildlife sanctuaries and industries such as saw mills, pencil industry, plywood industry etc. The power back was provided in PG laboratory and PG class room as students informed that their lab/class work suffer during power failure. The student generally raised their issues during advisory committee meetings and sometimes comes forward personally to highlight their demand.

Farmers:

Farmers have the issue with seed germination and propagation of Harad(*Terminalia chebula*). Feedback gathered through various media like electronic modes as well as personal interaction in “Village Visit and Revisit Programme”. Standard protocols have been developed. During “Village Visit and Revisit Programme” programme to Marh area farmers requested for Introduction of short rotation species for farm planting. *Meliacomposita* and *Meliadubia* species are introduced and evaluation is under way. Evaluation of clones of Poplar and Eucalyptus has also initiated. The identified clones of Poplar have been advised to grow in irrigated belt of Jammu.



Farmers visited Herbal Garden during the KisanMela held at SKUAST-J w.e.f. 16-20th, March, 2021

6.4.8. Student intake attrition in the programme for last five years:

Name of the degree programme	Actual students admitted in last five years					Attrition (percentage)				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
Forestry										
Ph. D	1	2	4	2	1	0	0	0	0	0

6.4.9. ICT Application in Curricula delivery:

Modern audio-visual aids are being used in teaching. Besides this, online platforms such as Zoom app, Google meet, Microsoft teams are also used during the COVID-19 pandemic for teaching, conducting synopsis, thesis & credit seminars, thesis and comprehensive viva-voce. The practical manuals on “Medicinal and aromatic plants”, “Manual on Biometry”, “Manual on Environment Science” and “Introduction to Forestry” have been prepared and e-copies are being distributed among students.

6.4.9. ICT Application in Curricula delivery:

Lectures are delivered using platforms like Google Meet, Zoom meeting, Whatsapp, etc. utilized during Covid 19 pandemic for curriculum delivery of online presentations, oral comprehensive and thesis viva voce exams.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘Ph.D. Forestry’

6.4.11. The data presented for Self Study Report for ‘Ph.D. Forestry’ degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, Dr. Bikram Singh, the Dean, Faculty of Agriculture, SKUAST-Jammu, Chatha hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the college with date and seal

23/04/21
Dean
Faculty of Agriculture
SKUAST-Jammu,
Chatha

Ph.D. Fruit Science

6.4.1. Brief history of the degree programme:

The Division of Pomology & Post Harvest Technology of SKUAST-Jammu was created in 1999 with the bifurcation of Sher-e-Kashmir University of Agricultural Sciences & Technology which was constituted in 1982. Till date, the Division is associated with research, extension education and undergraduate/Post-graduate teaching. The major activities of this Division are to conduct research, to improve production, productivity and quality of different fruit crops and to develop efficient post harvest technologies for different horticultural produce. From inception of this Division significant contribution through research for the advancement of fruit culture and providing practical solutions to the problems confronting fruit industry in general, and for Jammu & Kashmir state in particular. In order to refine and make this Division to work with more precision, the Competent Authority bifurcated this Division into two Sections, namely (1) Fruit Science Section, and (2) Post Harvest Technology Section. Ph.D. Fruit Science degree programme was started at Chatha in 2006-07 in order to impart quality education and carry out research in Fruit Science to meet the professional needs and to develop trained human resource to cater the need of national and international R&D institutions.

Objectives:

- i. To equip students properly for a life, which is rewarding in all senses.
- ii. To develop innovative concepts, hypothesis, and production technologies.
- iii. To undertake basic and scientific research to gain insights in complex mechanisms that will lead to the evolution of new crop varieties enhanced fruit production, and preservation of environmental quality.

Accomplishments:

- 13 students have been awarded Ph. D. degree in Horticulture (Fruit Science) w.e.f 2016 to 2021.
- One student qualified SRF-ICAR.
- The research conducted by Ph.D. students has given following technologies:
 - a. Identification and characterization of promising strains of jamun, walnut, pecan nut, mango, acid lime, soft pear, guava, loquat. One variety pecan nut has been approved by State Variety Release Committee during 2020.
 - b. Standardization of DRIS norms in aonla and mango.
 - c. Integrated Nutrient Management modules in strawberry, aonla, guava, kinnow.
 - d. The Impact of Climate And Irrigation Management on Growth, Yield And Quality of Kinnow Mandarin Under Jammu Sub-Tropics.
 - e. Somaclonal Variation in Strawberry (*Fragaria x ananassa* Duch.) cv. CHANDLER.
 - f. Induction of *Phytophthora* tolerance in rough lemon (*Citrus jambhiri* Lush.) through tissue culture and mutagenesis.
 - g. Water and nutrient management in mango *Mangifera indica* L. cultivar Dashehari.

Student qualified NET/SRF.

S. No.	Name of the student	Registration no.	Year
1.	Ms. Susmita Das	J-18-D-341-A	2018

6.4.2. Faculty Strength: Same Faculty is involved in M.Sc. and Ph.D. programmes

S. No.	Post	Sanctioned strength	Faculty in Place	Vacant Position	Faculty from Research Stations/KVK/ Administration	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	1	0	1	-	1
2	Associate Professor	1	0	1	2	2
3	Assistant Professor	5	1 [#] +3	1	3	3

- Promoted as Associate Professor under CAS from Assistant Professor

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies.
1	Jr. Stenographer	01	01	0
2	FCLA	03	03	0
3	Mali	04	01	0
4	OCC/Lab. Attendant	01	01	0

6.4.4. Class Rooms & laboratories:

Division	No. of Classrooms	No. of functional laboratories	No. of major equipments/ farm facilities/	EL units	Justification
Fruit Sciences	01	03	37*	01	For Ph.D. Research and teaching

*List of equipments in the PG laboratory of the Division of Fruit Science

S.No.	Name of the equipments
1.	Micro-centrifuge
2.	Midi Gel electrophoresis
3.	Deep Freezer (vertical)
4.	Electrophoresis system
5.	Universal Gradient Cycler (PCR)
6.	Minilumi (Geldo6.4.3.
7.	Refrigerator (LG)
8.	Magnetic stirrer with Hot Plate
9.	Vortex Shaker
10.	Digital Electronic Balance
11.	Water Distillation unit

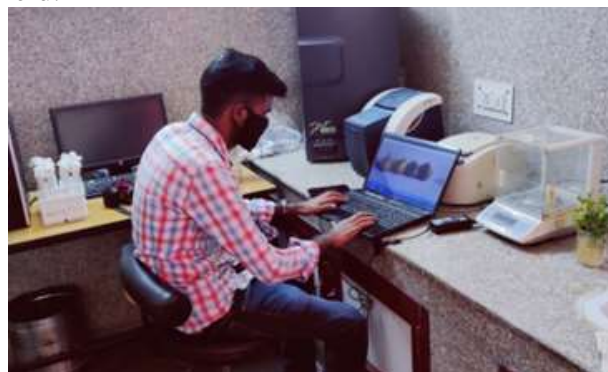
12.	5 KVA UPS (Uniline)
13.	Water Bath (Double walled)
14.	Desktop with TFT Display (HP)
15.	GPS (Garmin Montana)
16.	Camera (Canon)
17.	Digital Magnetic stirrer
18.	Refrigerator
19.	Digital pH meter
20.	Autoclave
21.	Electronic balance
22.	Genset 25 kva (diesel)
23.	Laminar Air Flow
24.	Cryocane (cap. 20 ltrs)
25.	Digital pH meter
26.	Water Bath (serological)
27.	Microwave Oven
28.	Cryocane(cap. 07 ltrs)
29.	Elisa Reader
30.	E.C. Elisa washer
31.	Electronic Balance (Wensar)
32.	Digital Vernier Calliper
33.	Digital hand Refractometer
34.	Digital moisture meter
35.	Soil Thermometer
36.	Soil Tensiometer 60 cm
37.	Soil Tensiometer 30 cm

6.4.5. Conduct of Practical & hands-on-training:

The practicals are conducted in the laboratories and hand on exercise on different practicals is conducted in the nursery as well as in field.



Students being given instructions for Practicals in PG Lab.



Ph. D. student working in Molecular Laboratory of the Division of Fruit Science.



Culture room of the Tissue Culture Laboratory



Electrophoresis unit in the PG laboratory



Production of citrus rootstock under polyhouse



Collection of ex-plant for micro-propagation

6.4.6. Supervision of students:

Division	Degree Programme	Intake capacity of students	Qualified faculty for supervision of students
Fruit Science	Ph.D.	04	09*

*List of Faculty for supervision of students

S. No.	Name	Designation	Highest Degree
Faculty from Division of Fruit Science			
1.	Dr. Amit Jasrotia	Associate Professor	Ph. D. Fruit Science
2.	Dr. Arti Sharma	Asstt. Professor	Ph. D. Horticulture
3.	Dr. Kiran Kour	Asstt. Professor	Ph. D. Pomology & Post Harvest Technology
4.	Dr. Deep Ji Bhat	Asstt. Professor	Ph. D. Horticulture (Pomology)
Faculty from Research Stations/KVKs/Administration			
5.	Dr. Parshant Bakshi	Associate Professor	Ph. D. Pomology & Post Harvest Technology
6.	Dr. Mahital Jamwal	Associate Professor	Ph. D. Horticulture
7.	Dr. Akash Sharma	Asstt. Professor	Ph. D. Fruit Science
8.	Dr. Rakesh Kumar	Asstt. Professor	Ph. D. Fruit Science
9.	Dr. Nirmal Sharma	Asstt. Professor	Ph. D. Fruit Breeding & Genetic Resources

6.4.7. Feed back of stakeholders (Students, parents, industries, employers, farmers, etc.):

For on farm solutions for the orchard problems modern technologies and nursery growing are being taught to the farmers by standardized procedures and protocols. The feedback is received through personnel contacts and during kisan melas, training and ZREAC meeting from the line department too. Regular visits are conducted by the faculty to get feed backs from farmers. The advisory committee of the students meets at the end of every semester to take stock of the work done by the student and future course of action is decided therein. The placement cell of the university conducts regular meet of the students with industries/business houses/public sectors undertakings for job avenues to the aspiring candidates.

6.4.8. Student intake attrition in the programme for last five years:

Name of the degree programme	Actual students admitted in last five years					Attrition (percentage)				
	Y1	Y2	Y3	Y4	Y5	Y1	Y2	Y3	Y4	Y5
Fruit Science										
Ph. D.	02	02	03	02	01	0	0	0	0	0

6.4.9. ICT Application in Curricula delivery: Modern audio-visual aids are being used in teaching. Besides, online platforms such as Zoom app, Google meet, Microsoft teams are also used during the COVID-19 pandemic for teaching, conducting thesis and credit seminars.

6.4.9. ICT Application in Curricula delivery:

Lectures are delivered using platforms like Google Meet, Zoom meeting, Whatsapp, etc. utilized during Covid 19 pandemic for curriculum delivery of online presentations, oral comprehensive and thesis viva voce exams.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘**Ph.D. Fruit Science**’

6.4.11. The data presented for Self Study Report for ‘**Ph.D. Fruit Science**’ degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, **Dr. Bikram Singh, the Dean, Faculty of Agriculture, SKUAST-Jammu, Chatha** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the college with date and seal

23/06/21
 Dean
 Faculty of Agriculture
 SKUAST-Jammu,
 Chatha

Ph.D. Plant Pathology

Ph.D. Plant Pathology

6.4.1. Brief history of the degree programme:

Division of Plant Pathology has attained a full fledged status since the creation of SKUAST-Jammu to develop skilled and efficient human resource in the field of Plant pathological aspects. Ph. D degree programme in Plant Pathology was started in 2001 with the objective to train and develop skilled manpower in the area of IDM, plant disease diagnosis, development of forecasting models of plant diseases, mushroom biology and cultivation of different mushrooms. To further strengthen the research on plant pathological aspects, well equipped research laboratories on molecular diagnostic, biocontrol, Mushroom biology have also been developed. They have sophisticated equipments to study plant pathogens, plant disease diagnostics through molecular approaches, production of biocontrol agents and production of quality spawn of different mushrooms.

Objectives

Ph.D.Plant Pathology is advance level course which mainly focus on the research work. This course includes theory as well as research work. Total 75 Credit Hours are offered in which 28 credit hours is theory, 45 credit hours is reaserch work and 02 credit hours is for Doctoral Seminar. The theory portion includes the advance bacteriology, mycology, virology, bio control, mushrooms and integrated disease management. Theory includes identification and management of plant pathogens. This division is imparting quality education in the area with focus on practical aspects of each course. The major thrust areasfor the degree programme are given below:

- Isolation and characterization of biocontrol agents / PGPRs and plant pathogens.
- Identification and diagnosis of disease samples by traditional or Molecular diagnostic methods and their remedial measures to farmers and line departments

Accomplishments

- Total 08 numbers of students have awarded Ph. D. Degree from this Division during this period
- Development of disease management practices in major crops of Jammu with special reference to location specific strategies for economically important disease of cereals, vegetables and horticultural crops.
- Development of biocontrol consortium for management of soil borne plant pathogens of important crops grown in Jammu.
- Development of calendar for round the year mushroom cultivation and Standardization of cultivation technology of various medicinal and speciality mushrooms viz. Ganoderma, Shittake, Hericium etc.

6.4.2. Faculty Strength: Same Faculty is involved in M.Sc. and Ph.D. programmes

S. No.	Sanctioned faculty	Faculty in Place	Vacant Position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	0	1	1
2	Associate Professor	1	1	2
3	Assistant Professor	2 [#] +1	2	5

- Promoted as Associate Professor under CAS from Assistant Professor

6.4.3. Technical & Supporting Staff:

S. No.	Sanctioned Technical and supporting staff	Sanctioned Technical and supporting in place	Vacant positions	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies.
1	FCLA	02	02	0
2	Computer Assistant	01	-	0
3	OCC	03	-	0
4	Mali	01	01	0

6.4.4. Class Rooms & laboratories:

Division	No. of classrooms	No. of functional laboratories	No. of major equipments/ farm facilities/	EL units	Justification
Plant Pathology	1	5	Gel doc unit, PCR, Spectrophotometer, BOD, Laminar flow, Autoclave Research farm with road connectivity and irrigation facilities	1	To impart hands on training for Ph.D students

The Division has well developed research Farm for conducting experimental trials of PG students as well as for demonstration of students/farmers/officials from line department. The well maintained Mushroom unit is in place for conducting research on different type of mushrooms and demonstration among students/farmers/line department officials.

6.4.5. Conduct of Practical & hands-on-training:

Practical classes are an integral part of teaching programme in Ph.D. The practicals are conducted in various well equipped laboratories of the Division. The students are also given field exposure through arranging field visits at farmers' fields so that they could master plant disease diagnosis under field conditions. Practical manuals on laboratory techniques in Plant Pathology and Mushroom Cultivation have also been developed by the Division which aids and help the students to learn the basic practical techniques of Plant Pathology.

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty for supervision of students	Students /faculty as per RRI	Actual students faculty
Ph. D. Plant Pathology	04	12 (4 from division and 5 other section/ stations)	3 students/assistant Professor, 4 students /Associate Professor 5 students /Professor	01 students/assistant Professor 02 students /Associate Professor 02 students /Professor

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Division has also developed a foolproof mechanism for taking the feedback of various stakeholders. Monthly student teacher meetings are held under the chairmanship of Head of the division where progress of the individual student is reviewed and the problems are addressed. Parents of the enrolled students are provided feedback of their wards progress at the end of semester. Farmers regularly visit the Division for seeking solutions to their problems regarding losses caused by plant diseases. On the spot solution are provided to the farmers and the record of farmers visiting the Division is maintained. Quite often the scientists visit the farmers' fields and recommend to the farmers the possible management measures. The Division is also providing environmental friendly biocontrol agents to the farmers. The Division is actively involved in testing the new compounds of various fungicides for management of various plant diseases thus facilitating the industries for release of those chemicals in the service of farmers. Consultation is also provided to the unemployed youth and prospective farmers for setting up of new mushroom units and maintenance of mushroom crop in the already established mushroom farms.

6.4.8. Student intake attrition in the programme for last five years:

Name of the degree programme	Actual students admitted in last five years					Attrition (percentage)				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
Plant Pathology										
Ph. D.	4	5	3	4	4	0	0	33.00	0	0

*The student left the Institute as they got employment in the state government.

6.4.9. ICT Application in Curricula delivery:

The division has the facility of Smart classroom and the students are imparted interactive lectures in the smart classroom. During the COVID 19 pandemic, power point lectures of all the courses have prepared by the faculty members and teaching was done through online mode and soon these lectures will be made available to students on Divisional website.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘Ph.D. Plant Pathology’

6.4.11. The data presented for Self Study Report for ‘Ph.D. Plant Pathology’ degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, Dr. Bikram Singh, the Dean, Faculty of Agriculture, SKUAST-Jammu, Chatha hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the college with date and seal

23/06/21
Dean
Faculty of Agriculture
SKUAST-Jammu,
Chatha

Ph.D. Sericulture

Ph.D. Sericulture

6.4.1. Brief history of the degree programme:

Ph.D. Sericulture degree programme was started at Chatha in 2012; to impart quality education and carry out research on silkworm and mulberry improvement to meet the professional needs and to develop trained human resource to cater the need of national and international R&D institutions.

Objectives:

The specific objectives of Ph.D. Sericulture degree programme is to carry out research on following aspects;

- Multiple silkworm rearing
- Mulberry nutrition and fortification.
- Silkworm Genetics and Breeding,
- Silkworm Physiology and
- Silkworm Pathology

Accomplishments:

- Till date, 5 candidates have been awarded Ph.D
- Developed Thermo tolerant silkworm breeds
- Fortification of mulberry leaves with naturally derived proteins led to enhanced cocoon production,
- Multiple silkworm rearing established and demonstrated
- Development of herbal bed disinfectant
- Value added products for mulberry and silkworm.

6.4.2. Faculty Strength: Same Faculty is involved in M.Sc. and Ph.D. programmes

S. No.	Post	Sanctioned strength	Faculty in Place	Vacant Position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	1	0	1	1
2	Associate Professor	1	0	1	1
3	Assistant Professor	5	1	4	5

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies.
1	Technical/ supporting staff	06	05	0
2	Farm/ Field workers	05	03	0
3	Sweeper	01	00	0

6.4.4. Class Rooms & laboratories:

Division	No. of classrooms	No. of functional laboratories	No. of major equipments/ farm facilities/	Justification
Sericulture	01	03	Silkworm rearing facilities and Mulberry farm	Used for PhD research and hands on training

6.4.5. Conduct of Practical & hands-on-training:

The students are provided hands on training on various aspects of silkworm biology, morphology, physiology, and modern silkworm rearing techniques and mulberry farm management.

6.4.6. Supervision of students:

Division	Degree Programme	Intake capacity of students	Qualified faculty for supervision of students
Sericulture	Ph.D.	03	05

6.4.7. Feed back of stakeholders (Students, parents, industries, employers, farmers, etc.):

Regular feedback taken through interaction and meeting with faculty and students. Regular feedback is received from the farmers regarding diagnosis and timely management of silk worm rearing.

6.4.8. Student intake attrition in the programme for last five years:

Name of the degree programme	Actual students admitted in last five years					Attrition (percentage)				
	Y1	Y2	Y3	Y4	Y5	Y1	Y2	Y3	Y4	Y5
Sericulture										
Ph. D.	03	01	01	03	02	33	100	0	0	0

6.4.9. ICT Application in Curricula delivery:

Modern audio-visual aids are being used in teaching. Besides, online platforms such as Google Meet, Zoom app, Microsoft teams are also used during the COVID-19 pandemic for teaching and conducting class seminars, web seminar and credit seminars.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘Ph.D. Sericulture’

6.4.11. The data presented for Self Study Report for ‘Ph.D. Sericulture’ degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, **Dr. Bikram Singh, the Dean, Faculty of Agriculture, SKUAST-Jammu, Chatha** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the college with date and seal

Dean
Faculty of Agriculture
SKUAST-Jammu,
Chatha

Ph.D. Horticulture

Vegetable Science

6.4.1. Brief history of the degree programme:

Ph. D. Horticulture (Vegetable Science) degree programme was started at Chatha in 2006 in the Division of Vegetable Science and Floriculture to provide advance knowledge in production, breeding, tissue culture, climate resilience techniques under changing scenario and inculcate the new dimensions in these facets.

Objectives:

- Academic excellence in the area of teaching to doctorate level students.
- Basic strategic and need based applied research in vegetable crops.
- Breeding for high yield; resistance to biotic and abiotic stress and improved quality in vegetable crops using conventional and biotechnological approaches.
- Clustering of genotypes for heterosis breeding programme in vegetables.
- Development of improved production technology including off- season protected cultivation in vegetables.
- Standardization of seed/planting material multiplication of vegetables through conventional and tissue culture means.
- Climate resilient technologies to mitigate the problems of global warming.

Accomplishments

- 10 students have been awarded Doctoral degree in (Ag.) Horticulture (Vegetable Science) and 05 students are pursuing their degree programme.
- Different recommendations of major and minor vegetable crops have been compiled in the form of package of practices.
- Work on variability studies and clustering has been done in various vegetables and elite germplasm is being utilized in heterosis breeding studies.
- Research on integrated Nutrient Management studies in major vegetable crops has been accomplished.
- Research work on organic vegetable production technologies is being standardized.
- Studies on identification of genotypes for cultivation under protected cultivation in high value vegetable crops is being carried out.

6.4.2. Faculty Strength: Same Faculty is involved in M.Sc. and Ph.D. programmes

S. No.	Post	Sanctioned strength	Faculty in Place	Vacant Position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	1	1	0	1
2	Associate Professor	2	1	1	1
3	Assistant Professor	4	4	0	4

6.4.3. *Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies.
1	FCLA	03	03	0
2	Jr. Stenographer	01	01	0
3	Computer Asstt.	01	01	0
4	Mali/OCC	05	01	0

6.4.4. Class Rooms & laboratories:

Division	No. of classrooms	No. of functional laboratories	No. of major equipments/ farm facilities/	Justification
Vegetable Science	01	02	02 Experimental farms (I&II) with 2 No naturally ventilated polyhouses and 06 No shade net houses	Experimental farms, net houses and poly-houses are fully utilized for student and divisional trials, seed production programmes.

6.4.5. Conduct of Practical & hands-on-training:

The students are provided hands on training on various aspects of vegetable production and breeding vegetables. Plant Tissue Culture laboratory is also well equipped for conducting Ph. D. research.

6.4.6. Supervision of students:

Division	Degree Programme	Intake capacity of students	Qualified faculty for supervision of students
Vegetable Science	Ph.D. (Vegetable Science)	03	06

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

All the students are connected through on line mode to express their views. Farmers' feedback is also noted through field functionaries during T&V workshops. Number of visits were conducted by the faculty to get regular feed backs. Parents are regularly interacted during their visits in department.

6.4.8. Student intake attrition in the programme for last five years:

Name of the degree programme	Actual students admitted in last five years					Attrition (percentage)				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
Vegetable Science										
Ph.D.	01	01	02	02	01	0	0	0	0	-

6.4.9. ICT Application in Curricula delivery:

Modern audio-visual aids such as Zoom app, Google meet etc are being used for teaching, conducting viva voce examinations and credit seminars



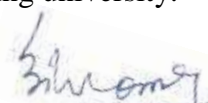
Students and progressive vegetable growers learning the production skills through various ICT modules developed by the Division of Vegetable Science and Floriculture

6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘**Ph.D. Vegetable Science**’

6.4.11. The data presented for Self Study Report for ‘**Ph.D. Vegetable Science**’ degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, **Dr. Bikram Singh, the Dean, Faculty of Agriculture, SKUAST-Jammu, Chatha** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.


Signature of Dean of the college with date and seal
23/04/21
Dean
Faculty of Agriculture
SKUAST-Jammu,
Chatha

Ph.D. Biotechnology

6.4.1. Brief history of the degree programme:

Ph.D. Biotechnology degree programme was started at Chatha in 2012; to generate quality human resource in Biotechnology for taking up teaching and research careers and to inculcate the research aptitude in Biotechnology among students. Biotechnology aims to apply the latest molecular techniques to modern-day problems in agricultural, health, industrial and environmental situations. Fundamental research in these areas is necessary to shape the development in a scientific manner. This programme will provide up-to-date degree in Ph.D. in Biotechnology, which will maintain a reputation for high standards of teaching, foster analytical skills through exploration of new concepts and individual research activities, encourage students to become effective communicators, develop interpersonal skills through skill-based activities, foster competency especially in the development of a scientific vocabulary that shall be competitive in research, industry and other scientifically based disciplines. This programme will impart an excellent hands-on training to the doctorate students who will go on to pursue successful careers as scientists in academia and industry. To impart and undertake quality teaching, the School has extremely competent and dynamic teaching faculty having international exposure and expertise in wide areas of biotechnology. Besides, in house financial assistance, the School also operates various projects which have been externally funded through various government bodies like DST, DBT, ICAR and many more. The School is also FIST sponsored department of DST, New Delhi.

Mandates

1. Development of quality human resource for academic and research fields in Biotechnology at national and international level.
2. Basic, strategic and applied research for growth of agriculture and allied fields.
3. Developing and strengthening collaborative linkages with national/international organizations in mutual areas of interest in research and teaching through student exchange programmes.
4. Address the problems of agriculture and allied sectors using biotechnological tools.

Objectives

- To generate quality human resource in Biotechnology for taking up teaching and research careers
- To utilize biotechnological approaches for efficient, precise and focussed improvement of crop plants and animals.

Accomplishments

- Ten students have been admitted during 2016-20 of which 09 have successfully completed degrees.
- Most of the Ph.D. pass outs have been involved in teaching Biotechnology subject in Higher Education Department (Govt. Degree Colleges) and Universities of J&K Govt. and on academic arrangement basis.
- Three Ph.D. pass outs have found placements as Assistant Professor in Private Universities (Punjab and Rajasthan)
- One Ph.D. student have been awarded Woman Scientist (WOS B) project of DST, Govt. Of India.
- Tissue culture studies in highly specialized areas such as anther/pollen culture for development of doubled haploid lines have been standardized.

- Investigations on biotic and abiotic stresses in crop plants and their molecular mechanisms studied.
- Molecular/genetic basis of economically important traits in crop plants investigated to make their introgressions and selection more efficient.
- Markers assisted selection based pyramided lines in rice and peas for different traits, developed through Ph.D. thesis work, are being evaluated and will be released for commercial cultivation.
- Identification of germplasm with specific genes for biotic and abiotic stresses in common bean, rice, tomato and wheat have been done using SSR and SNP markers.
- Work on genetic transformation studies in plants have been initiated through Ph.D. students thesis work.
- One Ph.D. student (Chainika Gupta) have qualified CSIR, JRF during Ph.D. programme.

6.4.2. Faculty Strength: Same Faculty is involved in M.Sc. and Ph.D. programmes

S. No.	Post	Sanctioned strength	Faculty in Place	Vacant Position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	1	1	0	1
2	Associate Professor	2	1*	1	2
3	Assistant Professor	4	1 [#] +2 [¥] +2+2 ⁺	1	6

* - Promoted as Professor under CAS from Associate/Assistant Professor

- Promoted as Associate Professor under CAS from Assistant Professor

+ - Contractual faculty has been engaged

¥ - Faculty assigned the responsibilities for multiple programmes

6.4.3. Technical & Supporting Staff:

S.No.	Designation	Sanctioned strength	Filled
Biotechnology			
1	Field Cum Lab. Assistant	01	01
2	Teaching Assistant	02	02
3	Computer Assistant	01	01
4	Account Assistant	01	01
5	Lab Assitant	01	01
6	Library Assistant	01	01
7.	Mechanic	01	01
8.	Driver	01	01

6.4.4. Class Rooms & laboratories:

Degree Programme	No. of classrooms	No. of functional laboratories	No. of major equipments/ farm facilities/	Justification
M. Sc. Biotechnology	02	10*	>100 major lab. Equipments	

*Central Instruments Laboratory, Genomics Laboratory, Plant Molecular Biology Laboratory, Rice Molecular Biology Laboratory, Quality Laboratory, FIST Laboratory, Biochemical and Proteomics Lab., Heavy Instruments lab., Plant Tissue Culture, Bioinformatics Lab,

The Details of equipment are given below:

S.No.	Name of the Lab	Equipments available
1.	Central Instruments Laboratory	96 Wells PCR 96 Wells PCR (02), Refrigerated Centrifuge (01), Electrophoresis Units (03), Deep Freezer -20 0C (01), Microwave Oven (01), Microcentrifuge (02), Online UPS 5KVA (01), Hot Water Bath (01), LN2 Container (40 lit.)
2.	Genomics Laboratory	96 Wells PCR (01), Refrigerated Centrifuge(02), Gel Documentation System (1), Spectro Photometer(01), Electrophoresis units (02), Hot Water Bath (01), Deepfreezer -20 0C (01), LN2 container 10 lit (01), transilluminator (01), Microwave Oven (01), Online UPS 5KVA (01), Weighing balance (01), Refrigerator (01)
3.	Plant Molecular Biology Laboratory	96 Wells PCR (01), Online UPS 2KVA (01), Microwave Oven (01), Microcentrifuge 24 well (02), Weighing balance (01), Vortexer (01), Biospectrometer (01), Deepfreezer -20 0C (01), Refrigerator (01), Double Distillation Plant
4.	Rice Molecular Biology Laboratory	Thermocylers (04), Seed Divider (01), Seed counter (01), Seed Moisture Meter (01), Refrigerated Centrifuge (01), Microcentrifuge 24 well (02) Microcentrifuge 24 well (01), Spinwin (02), Vortexer (01), Hot Air Oven (01), Spectrophotometer (01), Whole Grain Analyser (01), Gel Documentation System(01), Incubator Shaker (01), Microwave Oven (01), Nitrogen Analyser (01), Electrophoresis Units (2), Deepfreezer -20 0C (01), BOD incubator (01), Refrigerator (01), Desktop Computer with printer (01), Hotplate with stirrer (01)
5.	Quality Laboratory	Atomic Absorption Spectrophotometer (01), HPLC (01), GC (01), Mini Rice Sheller (01), RT PCR (01)
6.	FIST Laboratory	Gel Documentation system (01), Refrigerated Centrifuge (01), Spectrophotometer (01), Laminar Air Flow Cabinet, Deep Freezer -80 0C (01)
7	Biochemical and Proteomics Lab.	Refrigerated Centrifuge (01), Electrophoresis Units (02), Soxhate apparatus (01), Mechanical shaker (01), Rocker shaker (01), Rotary evaporator (01), Deep Freezer -20 0C (01), Online UPS 5KVA (01), Refrigerator (01)
8.	Heavy Instruments lab.	Plant Growth Chamber (01), Seed Germinator (01), Deepfreezer -80 0C (02), Water Purification System (01), Ice Flaking Machine (01)
9.	Plant Tissue Culture Lab.	Laminar Air Flow Cabinet vertical automatic remote based (01), Laminar Air Flow cabinet Horizontal (01), Water Purification Unit (01), Hot Air Oven (01), Microwave Oven (01), Electronic Balance (02), Bead Steriliser (01), Refrigerator (01), Phase contrast microscope (01). Students Compound Microscopes (06), Culture racks (10)
10	Bioinformatics Lab.	Computers (06), Networking station (01)



Students of School of Biotechnology working in laboratory



Students of School of Biotechnology working in laboratory

6.4.5. Conduct of Practical & hands-on-training:

School of Biotechnology Laboratories, green/polyhouse houses, farms are well equipped in terms of infrastructure and facilities to conduct Laboratory exercises.

6.4.6. Supervision of students:

Division	Degree Programme	Intake capacity of students	Qualified faculty for supervision of students
Biotechnology	Ph.D.	02	07

Number of students guided by the major advisor (Ph.D.)

Degree Programme	Student intake capacity	Qualified faculty	No. of students per faculty as per RRI	Actual students per faculty supervised
M. Sc. Biotechnology	04	07	Professor (5) Assoc. Prof. (4) Asstt. Prof. (3)	Dr. R.K. Salgotra=08 Dr. A.K. Singh=06 Dr. Manmohan Sharma=06 Dr. G.K. Rai=02 Dr. Susheel Sharma=04 Dr. Ravinder Singh=02 Dr. Sumita Kumari=03 Dr. Vikas Tandon=01

An advisory committee led by the major advisor and members from related subjects is approved by the competent authority for guiding the students with respect to academic and research activities. The student conducts research work, writes and submits thesis for award of degree under the over all supervision of the advisory committee.

6.4.7. Feed back of stakeholders (Students, parents, industries, employers, farmers):

Advisories issued to teachers and other employees from time to time for facilitating students and maintaining teaching standards. Interactions with farmers during farmers’s visits, farmer fairs, filed visits, etc. Projects initiated based on feeback of farmers, Regular visits of parents and their interactions with advisors, teachers and HoD.

Thesis problems of the students are decided based on feeback of farmers. Regular visits of parents and their interactions with advisors, teachers and HoD are held. Students facilities have been improved based on feedback of parents.

6.4.8. Student intake attrition in the programme for last five years:

Name of the degree programme	Actual students admitted in last five years					Attrition (percentage)				
	2016	2017	2018	2019	2020	2016	2017	2018	2019	2020
Biotechnology										
Ph. D	02	02	04	0	02	0	50	0	0	0

Attrition is high in 2018 as number of students admitted was just two and one student got dropped.

6.4.9. ICT Application in Curricula delivery:

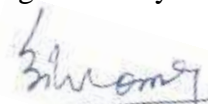
PG class rooms upgraded to smart class rooms. Lectures are delivered using Ppts., Youtubes, Animations, etc. Online platforms like Google Meet, Zoom meeting, Wise App, Whatsapp, etc. utilized during Covid 19 pandemic for curriculum delivery.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘**Ph.D. Biotechnology**’

6.4.11. The data presented for Self Study Report for ‘**Ph.D. Biotechnology**’ degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, Dr. Bikram Singh, the Dean, Faculty of Agriculture, SKUAST-Jammu, Chatha hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.


 Signature of Dean of the college with date and seal
 23/06/21
 Dean
 Faculty of Agriculture
 SKUAST-Jammu,
 Chatha

Self Study Report for the College (Faculty of Agriculture)

6.5. Self Study Report for the College:

Faculty of Agriculture

Faculty of Agriculture, located at Main Campus Chatha came into existence with the establishment of SKUAST-Jammu. Faculty of Agriculture is located at main campus of the university at Chatha, Jammu. There are thirteen (13) divisions and one (01) School of Biotechnology under the Faculty of Agriculture. Besides, Under-Graduate and Post-Graduate degree programmes, the Faculty runs two non-degree courses of Diploma in Agriculture and Diploma in Horticulture.

- Division of Agronomy
- Division of Agricultural Engineering
- Division of Agricultural Economics & ABM
- Division of Agro-Forestry
- Division of Agricultural Extension Education
- Division of Plant Breeding & Genetics
- Division of Soil Science & Agricultural Chemistry
- Division of Plant Pathology
- Division of Vegetable Science & Floriculture
- Division of Sericulture
- Division of Fruit Science
- Division of Entomology
- Division of PHT / Food Science and Technology



Front view of Faculty of Agriculture at Chatha

6.5.1. College Administration

Faculty of Agriculture is functioning under the administrative control of Dean, the post of which was sanctioned by the SKUAST-Jammu act as per the ICAR guidelines. At present, Dr. Bikram Singh is presently Dean (I/c), Faculty of Agriculture, SKUAST-Jammu w.e.f 01st March 2021. However, Mode of selection for Dean is Direct Selection through interview on All India Basis and tenure of the post is five years.

6.5.1.1. Dean's Office Establishment

The office establishment of Dean, Faculty of Agriculture, SKUAST-Jammu is presented below:

a. Staff position

The staff position of the Office of Dean, Faculty of Agriculture is given below under the given heads and is as per the Vth Dean's Committee recommendations.

S.No.	Post	Sanctioned Posts	Filled Posts
1	Dean	01	0
2	Assistant Professors	02	02
3	Administrative Officer	01	01
4	Accounts Officer	01	0
5	Account	02	02
6	Accounts Assistant	01	01
7	Head Assistant	01	01
8	ACT	02	02
9	Computer Assistant	01	01
10	FCLA	02	02
11	Sr. Stenographer	01	01
12	Driver	12	09
13	Helper	16	15
14	Mali	01	01
15	Cleaner	05	01
16	OCC/Lab. Attendant	04	03
17	Photographer cum artist	01	01
18	Sweeper	01	01

b. Infrastructure facilities

The infrastructural facilities with respect to land, divisions, and central facilities are as per the recommendations of Vth Dean's Committee. The detail is mentioned below:

1. Dean's Chamber
2. Viva Room
3. Committee Room with 40 seating capacity with projector and video conferencing set up.
4. Administrative Officer Office
5. Accounts Officer Office
6. Dean's auxiliary staff room (03)
7. UG Smart Class Rooms: 04 nos.
8. UG lecture theatres: 04 nos.
9. Examination Halls: 02
10. Conference Hall: seating capacity 200 nos.
11. Hostel (Separate for Boys and Girls) with facilities of reading room, gym, warden room, store etc: 02 nos
12. Central Laboratory existing in building of School of Biotechnology: 01 no.

6.5.1.2. Monitoring Mechanism for Quality Education (online):

- All the UG and PG class rooms/lecture theatres are kept under CCTV surveillance and regularly accessed by Dean of Faculty to ensure regularity in conducting classes as well as to monitor the contents and schedule of lectures delivered by the teachers. It ensures strict discipline in class rooms and timely action in case of any irregularity/indiscipline.
- The examination Halls in the Faculty are also kept under CCTV surveillance to ensure fair practices in conduct of routine course exams as well as entrance exams (CETs).
- There is a regular interaction between Dean, Head of Departments along with the faculty wherein suggestions for improvement are regularly given to different department.
- Strict vigil is kept over attendance of students. Maintain minimum 75 % attendance is must at UG and PG levels for appearing in end term exams. The course instructors notify monthly attendance statements of the students to ensure regularity in attendance of students.
- A minimum overall grade point average (OGPA) of 4.25/10.00 at the end of 2 semesters and 4.75 at the end of 4 semesters has to be maintained by a UG student. If a UG student fails to maintain minimum OGPA at the end of 2nd semester, he/she shall be kept on scholastic probation for 1-2 semesters and shall be dropped, if unable to maintain required OGPA at the end of 4th semester.
- If a postgraduate student obtains unsatisfactory grade in whole block of research credits for two semesters continuously, he/she shall be dropped from the University by the Registrar automatically. Those postgraduate students, who fail to achieve the overall grade point average of 5.50 at the end of 1st semester and 6.00 at the end of 2nd semester shall be dropped from the University by the Registrar automatically.
- The pass out UG students are excelling in research and academics viz. they are getting selections in Post Graduate courses through ICAR/SAUs. The students are attending extra-curricular events at National level organised by ICAR, Indian Council of Cultural Relations. The events are regularly organised at College level in the form of KAIRO-Agri-fest/ yearly sports event/ different academic activities viz. debate, quizzes, extempore, youth parliament, painting competition, rangoli, collage making, calligraphy etc. Moreover all the important national and international days viz. earth day, science day, bee day, international biodiversity day, teacher's day, foundation day etc.

6.5.1.3. CC/Board of Studies

Course curricula for BSc Hons Agriculture and BTech Biotechnology are based on report of the ICAR fifth Deans' Committee report as restructured for increased practical/practice content. Discipline-wise courses as recommended in fifth deans' Committee are being adopted. RAWE and Experiential learning programme for UG are also based on fifth Deans' Committee recommendations.

For all PG and PhD programmes course curricula is based on ICAR's recommendations.

Board of Studies

Board of Agriculture studies and Faculty of Agriculture are two curricula and regulation on resident instruction devising bodies. Regular meetings and deliberations on agenda in these bodies ensure quality of education at faculty level

Members of Board of Studies Faculty of Agriculture

Dean, FOA	Chairman
All Professor of Faculty of Agriculture	Members
All Associate Professors of Faculty of Agriculture	Members
Three Assistant Professors of Faculty of Agriculture nominated by the Vice-Chancellor on rotation for a period of two years	Members
One Teacher not below the rank of Associate Professor of Faculty of Agriculture nominated by the Faculty Dean	Member Secretary

Board of Studies Faculty of Agriculture meeting in the last five years

1	13 th Meeting of Board of studies for Faculty of Agriculture, SKUAST-J	24/02/2016
2	14 th Meeting of Board of studies for Faculty of Agriculture, SKUAST-J	05/08/2016
3	15 th Meeting of Board of studies for Faculty of Agriculture, SKUAST-J	06/06/2017
4	16 th Meeting of Board of studies for Faculty of Agriculture, SKUAST-J	12/11/2018
5	17 th Meeting of Board of studies for Faculty of Agriculture, SKUAST-J	24/12/2020

S No	Meetings of Board of Post Graduate Studies		Meetings of Faculty of Post Graduate Studies	
	Meeting	Date	Meeting	Date
1	XIII BOPG studies	10-08-2016	XIII BOPG studies	19-12-2017
2	XIV BOPG studies	19-09-2017	XIV BOPG studies	18-01-2019
3	XV BOPG studies	15-01-2019	XVBOPG studies	20-10-2020



Meeting of Board of PG Studies

S.No.	Agenda	Resolution
13 th BOS	Confirmation of minutes of XIIth meeting of BOS of FOA issued vide Member Secretary (BOS)'s no. AU/Dean/FoA-BOS/12-13/114-177 dated 13-03-2013	<i>Resolved that the Minutes of XIIth Meeting of Board of Studies for Faculty of Agriculture issued vide Member Secretary (BOS)'s No. AU/Dean/FoA-BOS/12-13/114-177 dated 13-03-2013 are confirmed</i>
	Increasing the intake capacity from 70 to 120 in B.Sc. (Hons.) Agriculture	<i>Resolved that the intake of B.Sc. (Hons) Agriculture from 70 to 120 subject to following:</i> <ul style="list-style-type: none"> - <i>Development of laboratory facilities to accommodate 120 students.</i> - <i>Engagement of contractual teaching assistants should be allowed if there is shortage of staff in any discipline</i>
	Provision of supplementary examination for undergraduate programme in B.Sc (Hons) Agriculture and B.Sc (Hons) Biotechnology	<i>Provision of supplementary examination for B.Sc. (Hons) Agri. and B.Sc. (Hons) Biotechnology shall be kept for academic session 2016-17 following end of term theory examination provided their attendance requirements have been fully met with and they have secured pass marks in the practicals".</i> <i>"A student shall be made eligible to appear in the supplementary examination in not more than two courses".</i> <i>"The student shall have to apply to Dean for appearing in supplementary examination through advisor within 3 working days of the declaration of result of end term examination."</i> <i>"The student who fails to obtain prescribed grade point for passing of the course in the supplementary examination shall have to register for the same course on regular basis."</i>

	Enhancing credit hours from 2 to 3 in Course no. PHT-311 entitled "Post Harvest Management and Value addition of Fruits and Vegetables"	<i>Resolved to defer the decision for the time being</i>
	Changing course contents of course no. PHT-413 entitled "Processing of cereals, pulses and oil seed crops including bio-diesel".	<i>"Resolved that the Committee of following is framed:</i> <ol style="list-style-type: none"> <i>1. Dr. S.K.Gupta, Professor, Plant Breeding and Genetics- Chairman</i> <i>2. Dr. Raj Kumari Koul, Professor FST-Member</i> <i>3. Dr. Sushil Sharma, Professor, Agricultural Engineering- Member</i> <i>to modify the course and submit the report within 15 days to the Chairman, Board of Studies".</i>
	Transferring of course entitled Physical and Inorganic Chemistry, course no. SSAC-122, credit hrs (2+1) from Division of Soil Science and Agricultural Chemistry to School of Biotechnology	<i>"Course no. SSAC-122 entitled Physical and Inorganic Chemistry shall not be transferred to School of Biotechnology".</i>
	Increase in credit hrs of RAWE activity attachment to agro-based industries from 0+3 to 0+4	<i>"Proposed activities of RAWE programme shall be adopted from Academic session 2016-17".</i>
	Restructuring of BAT/BHT	<i>"The nomenclature of BAT and BHT programme will not be changed to Diploma in Agriculture and Diploma in Horticulture, respectively".</i> <i>"The course no. CBC-05 entitled Introductory Botany is added, while two courses BHT-06 and BHT-07 in Horticulture and BAT-02 and BAT-03 in Agriculture be modified".</i> <i>"The updated guidelines/course content/fee structure for BAT and BHT programme shall be adopted from academic session 2016-17".</i> <i>" BAT/BHT programme should be centralized at the level of Agriculture Faculty as teaching is the mandate of Faculty".</i>
	Any other agenda items with the permission of Chairman	<i>(i). With the permission of Chairman, Prof. Dileep Kachroo, Head, Agronomy put up the proposal for starting up of diploma course in Aquaculture. The Chairman stressed that this Board of Studies is for Faculty of Agriculture and is hereby to discuss the issues of Agriculture as this agenda is pertaining to Faculty of Veterinary Sciences. Also, the Diploma course is to be modified for a period of 3 years instead of 1 year.</i>

		<p>(ii). The Chairman suggested that the registration of U.G. students should be for two working days instead of existing one day for which the house agreed.</p> <p>(iii). Dr. S.K.Gupta, Professor, Agroforestry proposed modifications for practical portion of course FOR 322 entitled Environmental Science as some of the practical exercises are of quite advanced level and it becomes difficult for the students to understand the concepts in this introductory course. The Chairman suggested that the practical portion of the course should be modified as per the needs.</p>				
14 th BOS	Confirmation of minutes of XIII th meeting of BOS of FOA issued vide Member Secretary (BOS)'s no. AU/Dean/FoA-BOS/15-16/8538-8608 dated 14-03-2016	<i>"Resolved that the Minutes of XIIIth Meeting of Board of Studies for Faculty of Agriculture issued vide Member Secretary (BOS)'s No. AU/Dean/FoA-BOS/15-16/8538-8608 dated 14-03-2016 are confirmed".</i>				
	Dress code for the students of Practical Crop Production courses in B.Sc (Hons) Agriculture	<p><i>"Resolved that the dress code to be adopted from session 2016-17 for the students of practical crop production courses i.e. Agron-212 and Agron-222 is as follows:</i></p> <p><i>Colour of the dress: Greyish Blue</i></p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;"><i>Male</i></td> <td style="text-align: center;"><i>Female</i></td> </tr> <tr> <td style="text-align: center;"><i>Shirt and Trousers</i></td> <td style="text-align: center;"><i>Kurta and Salwar</i></td> </tr> </table> <ul style="list-style-type: none"> • <i>Saw Cap with SKUAST Emblem</i> • <i>Sports Shoe</i> 	<i>Male</i>	<i>Female</i>	<i>Shirt and Trousers</i>	<i>Kurta and Salwar</i>
<i>Male</i>	<i>Female</i>					
<i>Shirt and Trousers</i>	<i>Kurta and Salwar</i>					
	Change in Nomenclature of M.Tech. Agriculture Engineering with two specialization	<i>"Resolved to refer the agenda for PG Board of Studies".</i>				
	Permission for the nomination of course instructor to teach Disaster Management part of course entitled "Environmental Science and disaster Management" a new course proposed by the V th Deans committee to be offered to the under graduates of Agriculture	<i>"Resolved to take up this agenda after the confirmation of Vth Dean's Committee report".</i>				
	Proposal for certificate course (Three Months) in fish production and management	<i>"Three month certificate course of Fish production and Management be initiated at Farming System Research Centre."</i>				

	Change in the eligibility criteria for admitting to M.Sc students in Food Science & Technology may be changed from B.Sc Agriculture	<i>“Refer the agenda for PG Board of Studies”.</i>
	Change in nomenclature of the existing UG courses may be changed as per V th Dean’s Committee Report	<i>“This agenda will be taken up after the confirmation of Vth Dean’s Committee report”.</i>
	Redesignation of RAWE programme as per V th Dean’s Committee Report	<i>“This agenda will be taken up after the confirmation of Vth Dean’s Committee report”.</i>
	Any other agenda items with the permission of Chairman: Confirmation of Vth Dean’s Committee Report:	<i>Prof. D.P.Abrol suggested that the Vth Dean’s Committee Report be implemented from session 2016-17. After deliberations, the house unanimously agreed to adopt the recommendations of Vth Deans Committte Report in toto.</i>
15 th BOS	Confirmation of minutes of XIVth meeting of BOS of FOA issued vide Member Secretary (BOS)’s no. AU/Dean/FoABOS/16-17/3307-3312 dated 09-08-2016	<i>“Resolved that the Minutes of XIVth Meeting of Board of Studies for Faculty of Agriculture issued vide Member Secretary (BOS)’s No. AU/Dean/FoABOS/16-17/3307-3312 dated 09-08-2016 are confirmed”.</i>
	Guidelines for Best Teacher Award (SKUAST Jammu)	<i>“Resolved for reconstitution of Central Screening Committee with one external expert and the committee shall nominate one Best Teacher Award at University level as per ICAR guidelines. However, there shall be one award with appreciation letter for each faculty of SKUAST-Jammu viz., Faculty of Agriculture, Faculty of Veterinary Sciences and Animal Husbandry and Faculty of Basic Science.”</i>
	Proposal for certificate courses (Three months) on Bee keeping, mushroom cultivation and propagation and nursery management of fruit crops.	<i>“Resolved that since the proposed certificate courses on Bee keeping, Mushroom cultivation and Propagation and nursery management of fruit crops are devised under skill development programme of the university, the same shall be reflected in the certificate”.</i>
	Change in nomenclature of undergraduate degree programme from B. Sc. (Hons.) Biotechnology to B.Tech.	<i>“- Resolved to change the nomenclature of undergraduate degree programme from B.Sc. (Hons.) Biotechnology to B.Tech. Biotechnology. - Resolved to adopt ICAR curriculum of B.Tech.</i>

	Biotechnology and other related items from the academic year 2018-19.	<i>Biotechnology in toto from the academic year 2018-19</i> - Resolved to adopt ICAR-SAU admission system - Resolved to increase intake capacity from 30 to 50 in B.Tech Biotechnology - Resolved to revise fee structure from Rs. 37,500 to Rs. 50,000 per semester and - Resolved to appoint need based contractual teachers for implementation of B.Tech from the academic year 2018-19”.
	Proposal for re-evaluation of endterm examination answer books	<i>“Resolved that fees for rechecking shall be Rs 500/- and Rs 1000/- for reevaluation and rechecking/ revaluation is applicable only up to two papers. To workout modelities for revaluation, following committee has been constituted</i> as: 1. Dr Sushil Sharma , Head, Agril. Engineering 2. Dr. K.K. Sood, Head, Agroforestry 3. Dr. P.S. Salathia, Assoc. Prof., Extension Education”
	Modification of course content as per Vth Dean’s Committee Report	<i>“Resolved to confirm the proposed modifications in the course content</i> “Environmental studies and disaster management” as per Vth Dean’s Committee for adoption from the academic year 2018-19”.
	Revision of courses as per Vth Dean’s Committee Report	<i>“The members agreed to the proposed changes as per Vth Dean’s Committee”.</i>
	Modification of course content as per Vth Dean’s Committee Report	<i>“Resolved to incorporate the proposed modifications as per Vth Dean’s Committee from the academic year 2018-19”.</i>
	Redesignation of RAWE programme to READY as per Vth Dean’s Committee Report	<i>“Resolved to constitute a committee of following members:</i> 1. Dr.V. K. Razdan, Professor, Plant Pathology 2. Dr. V.Koul, Prof & Head, Entomology 3. Dr. S.K.Kher, Prof & Head, Extension Education 4. Dr. J.S.Manhas, Asstt. Professor (Member Secretary)” The committee shall frame operational guidelines for implementation of student READY programme.
	Modification of course content of AECO-121 as per Vth Dean’s Committee Report	<i>“Resolved to incorporate the proposed modifications as per Vth Dean’s Committee from the academic year 2018-19”.</i>
	Changes suggested by members of crop production group as per Vth Dean’s Committee Report	<i>“Resolved to incorporate the proposed changes as per Vth Dean’s Committee from the academic year 2018-19”.</i>

	Modification in course title and course number as per Vth Dean's Committee Report.	<ul style="list-style-type: none"> • The new course of Introductory Nematology shall be offered by Division of Entomology • The course of Agricultural Microbiology shall be offered by Division of Plant Pathology • The grouping of elective courses shall be circulated by Dean to all the Heads for their comments • Educational tours (Two credits) viz. state tour (0+1) and national tour (0+1) shall be mandatory for the students."
	Institutionalization of Diploma Course in Logistics and supply chain.	"Resolved to institutionalize the diploma course in Logistics and Supply chain from 2018-19 and will submit the revised proposal."
	Institutionalization of one one year Diploma Course in Plant protection and pesticide management	A committee has been constituted to prepare the course outline and submit the report to Dean FOA 1. Dr. V. Kaoul, Head Entomology 2. Dr. Anil Gupta, Head, Plant Pathology 3. Dr. B.C. Sharma, Head, Agronomy
16 th BOS	Confirmation of minutes of XV th meeting of BOS of FOA issued vide Member Secretary (BOS)'s no. AU/Dean/FoA-BOS/17-18/F-161/2114-2169 dated 07-07-2017	"Resolved that the Minutes of XV th Meeting of Board of Studies for Faculty of Agriculture issued vide Member Secretary (BOS)'s No. AU/Dean/FoA-BOS/17-18/F-161/2114-2169 dated 07-07-2017 are confirmed".
	Change in Eligibility for admission in B.Tech. Biotechnology degree prog. as per ICAR Vth Dean's Committee recommendations.	"Resolved that the candidates must have passed Higher Secondary/10+2 or Intermediate subjects with PCM, PCB, PCMB from recognised board or University with atleast 50 % marks in aggregate except English".
	Institutionalization of B.Sc. (Hons.) in Horticulture under Faculty of Agriculture	"Resolved to that out of 120 seats allocated for B.Sc. (Hons.) Agriculture, initially 30 seats shall be allotted to Horticulture for institutionalization of B.Sc (Hons.) in Horticulture".
	Any other agenda items with the permission of Chairman	Dean, Faculty of Agriculture proposed that the process for establishment of Faculty of Agriculture Engineering, Dairy Technology, Fisheries and Forestry shall be expedite.
17 th BOS	Confirmation of minutes of XVI th meeting of BOS of FOA issued vide Member Secretary (BOS)'s No. AU/Dean/FoA/BoS/F-161/7497-750 dated: 26 -11-2018	"Resolved that the Minutes of XVI th Meeting of Board of Studies for Faculty of Agriculture issued vide Member Secretary (BOS)'s No. AU/Dean/FoA/BoS/F-161/7497-750 dated: 26-11-2018 are confirmed".
	Shifting of Course No. FOR-111 (Introduction to Forestry) to Semester-I to Semester-II with PATH-121 (Agricultural Microbiology)	"Resolved that no issues and concerns were raised by any BOS (UG Faculty) members hence the course No. FOR-111 (Introduction to Forestry) has been shifted to semester-II with PATH-121 (Agricultural Microbiology)"

	Shift the RAWE & AIA from 8th to 7th Semester as per the Vth Dean recommendations thereby to avoid problem of their stipend split in two financial years.	<i>"Resolved as it has already existed in Vth Dean's committee."</i>
	Dress Code for the students of Practical Crop Production courses in B. Sc. (Hons.) Agriculture	<i>"Resolved that the dress code to be adopted from session 2020-21 for the students of Practical Crop Production courses i.e., Agron-312 and Agron-323 as follows- Dress code for male and Female: Track suit Colour of dress: Greyish Blue Saw cap with strip and university emblem engraved in the front of cap Sports shoe"</i>
	Any other agenda item with the permission of Chairman Regarding the discrepancies in credit hrs of Principle of Seed Technology (GPBR-221) credit hrs (2+1)	<i>"Resolved as per Vth Dean's committee the Principle of Seed Technology (GPBR-221) will now be of (1+2) credits"</i>
	Minimum cut off marks will be fixed as criteria to get admission (30 %) through the CET entrance examination	<i>"Resolved that candidate have to obtained at least 30 % marks in CET entrance examination as minimum cut off marks and 5 % relaxation will be given as per reserved categories".</i>
	Dropping of students before registration	<i>"Resolved that matter will be sorted out within a week from registration date positively and students have to submit the cards in registry on the same day of registration"</i>
	Date should be fixed for special lecture on Friday/Saturday so that no classes will be suspended & academic calender will be followed strictly	<i>"Resolved that specific lectures will be organized in concerned division and few important/special will be reflected in academic calender in advance"</i>
	MoU will be done with other University for external evaluation. Table marking system is the solution	<i>"Resolved as per Vth Dean's committee"</i>
	Committee will be formulated to look after the 10 credit award of marks in experiential learning programme	<i>"Resolved that the concerned Head of the division will submit the proposal"</i>
	No optional courses will be offered for all. Only 2 courses have to be considered for 9th semester	<i>"Resolved unanimously that only 2 courses have to be considered for 9th semester"</i>
	RRI updated may be notified to all	<i>"Resolved that the updated RRI will notified at the earliest to all scientists"</i>

Members of Faculty of Agriculture

Dean, FOA	Chairman
All Directors and Deans of the University	Members
All Professors/Chief Scientists in the discipline of Agriculture as determined by the Academic Council	Members
One Associate Professor/ cum Sr. Scientist and One Asstt. Professor / Jr. Scientist from each concerned division / regional station on rotation to be nominated by Vice-Chancellor for a period of two years	Members
One Associate Professor / Sr. Scientist & One Assistant Professors / Jr. Scientist of Faculty of Agriculture nominated by the Vice-Chancellor on rotation for a period of two years	Members
One member not concerned with the university as the Vice-Chancellor may nominate	Member
One of Senior Teacher of the college nominated by the Dean of the faculty	Member Secretary

Faculty of Agriculture meeting in the last five years

1	10 th Meeting of Faculty of Agriculture, SKUAST-J	05/09/2017
2	11 th Meeting of Faculty of Agriculture, SKUAST-J	07/01/2019
3	12 th Meeting of Faculty of Agriculture, SKUAST-J	05/02/2020

S.No.	Agenda	Resolution
10 th FOA	Confirmation of minutes of IX th Meeting of Faculty of Agriculture.	<i>"Resolved that the minutes of IXth Meeting of Faculty of Agriculture are confirmed".</i>
	Guidelines for Best Teacher Award SKUAST Jammu	<i>"Resolved for reconstitution of Central Screening Committee with one external expert and the committee shall nominate one Best Teacher Award at University level as per ICAR guidelines. However, there shall be one award with appreciation letter for each faculty of SKUAST-Jammu viz., Faculty of Agriculture, Faculty of Veterinary Sciences and Animal Husbandry and Faculty of Basic</i>
	Proposal for certificate courses (three months) on beekeeping, mushroom cultivation and propagation and nursery management of fruit crops	<i>"Resolved that the certificate courses on beekeeping, mushroom cultivation and propagation and nursery management of fruit crops has been devised under skill development programme and the same shall be started".</i>
	Change in nomenclature of undergraduate degree programme from B.Sc. (Hons.) Biotechnology to B.Tech.	<ol style="list-style-type: none"> <i>Resolved to adopt the undergraduate degree programme from B.Tech Biotechnology from Academic Session 2018-19.</i> <i>Resolved to constitute a committee for identifying the common courses between B.Sc(Hon.)Agriculture and proposed B.Tech Biotechnology programmes and suggest their proper coding suiting to both</i>

	Biotechnology and other related items from the academic year 2018-19.	<p><i>programmes with the following members:</i> <i>Dr. Bikram Singh, Professor, PBG</i> <i>Dr. R.K. Salgotra, Coordinator, SBT</i> <i>Dr. Sushil Sharma, Head, Agril. Engg.</i> <i>Dr. B.C. Sharma, Head, Agronomy</i> <i>The committee shall submit its report within a week.</i></p> <ol style="list-style-type: none"> 3. <i>Resolved to adopt ICAR-SAU admission system</i> 4. <i>Resolved to have an intake of 50 students in B.Tech Biotechnology</i> 5. <i>Resolved to revise fee structure from Rs.37,500 to Rs. 50,000 per Semester and</i> 6. <i>Resolved to appoint need based contractual teachers for implementation of B.Tech from the academic year 2018-19".</i>
	Provision for re-evaluation of end-term examination answer books	<p><i>Resolved that:</i></p> <ol style="list-style-type: none"> 1. <i>The re-evaluation shall be valid for End-Term Examinations only. No re-evaluation shall be allowed for all internal examinations.</i> 2. <i>A maximum of two papers per student per semester shall be allowed to be re-evaluated.</i> 3. <i>The student shall apply within 20 days of declaration of results for re-evaluation of the end term answer scripts.</i> 4. <i>Dean shall be final authority to allow/disallow the students for the reevaluation. Once approved by the Dean, the students, thereafter, shall deposit the requisite fee before the process of reevaluation is initiated.</i> 5. <i>A fee of Rs1000/- per paper shall be charged for re-evaluation.</i> 6. <i>The re-evaluation shall be carried out by external evaluator other than earlier examiner.</i> 7. <i>The student must give an undertaking that the outcome of the re-evaluation shall be acceptable and binding on him/her.</i> 8. <i>The re-evaluated result of the said course shall be final irrespective of increase or decrease in marks of the student in the said course after re-evaluation. No further re-evaluation of already re-evaluated paper should be allowed".</i>
	Re-designation of RAWE programme to READY as per Vth Dean's Committee Report	<p><i>Resolved that:</i></p> <ol style="list-style-type: none"> 1. <i>ELP be offered in VIIIth semester and RAWE & AIA in the VIII.</i> 2. <i>Under ELP "plant clinic" be kept compulsory for all the students.</i> 3. <i>There shall be no relaxation in attendance requirement of 85% for EL programme.</i>

		4. <i>The student have to compete all the courses successfully for registering in EL programme. No students should be allowed to take EL program with backlog / repeat courses.</i>
	Restructuring of UG Course curriculum	<i>Resolved that restructured course curriculum be adopted from academic year 2018-19.</i>
	Institutionalization of Diploma Course in Logistics and Supply Chain	<i>Resolved to start this course from 2018-19.</i>
	Institutionalization of one year Diploma course in Plant Protection and Pesticide Management	<i>Resolved to start this course as per guidelines.</i>
	Increase the maximum credit load per semester	<i>“The students be allowed to take maximum of 25 credits per semester studying course curriculum recommended by Vth Dean’s Committee.</i>
11 th FOA	Confirmation of minutes of X th Meeting of Faculty of Agriculture.	<i>“Resolved that the minutes of Xth Meeting of Faculty of Agriculture issued vide no. AU/Dean/FoA/17-18/50-114 dt. 26-09-17 are confirmed”.</i>
	Change in Eligibility for admission in B. Tech. Biotechnology degree programme as per ICAR Vth Dean’s Committee recommendations.	<i>“Resolved that the candidates must have passed Higher Secondary/10+2 or intermediate subjects with PCM, PCB, PCMB from recognized board or University with at least 50 % marks in aggregate except English”.</i>
	Institutionalization of B.Sc. (Hons.) in Horticulture under Faculty of Agriculture.	<i>“Resolved that the proposal of Institutionalization of BSc. (Hons.) in Horticulture must be as per the Vth Dean Committee norms and that the University should get the posts be got sanctioned under already approved Faculty of Horticulture”.</i>
	To Expedite the Establishment of Faculty of Agricultural Engineering	<i>“Resolved that the University should actively take up the matter for sanctioning of posts under already approved Faculty”.</i>
	Any other agenda items with the permission of Chairman Dr. R. Peshin, proposed that a missed exam may also be allowed to the students who	<i>“Resolved that a student may be allowed to appear for a missed exam in the event of his/her ill health provided that they get a certification from the appropriate authority as already mentioned in the RRI”.</i>

	themselves fall ill, as there is no such provision in RRI. After brief discussion, it was	
12 th FOA	Confirmation of minutes of XI th Meeting of Faculty of Agriculture.	<i>"Resolved that the minutes of XIth Meeting of Faculty of Agriculture issued vide no. No. AUJ/Dean/FoA/18-19/120-200 Dt.: 11/01/2019 are confirmed"</i> .
	Shifting of Course No. FOR 111 (introduction to Forestry) to Semester II In place of PATH-121 (Agricultural Microbiology)	<i>"Resolved that the course No. FOR-111 (Introduction to Forestry) be shifted to Semester-II in place of PATH-121 (Agricultural Microbiology), while PATH-121 (Agricultural Microbiology) which is to be shifted to Semester I of the B.Sc. Agriculture Programme"</i>
	Shift the RAWE & AIA from 8 th to 7 th Semester as per the V th Dean recommendations thereby to avoid problem of their stipend split in two financial years.	<i>"Resolved that the RAWE & AIA course be shifted from 8th to 7th Semester of B.Sc. Agriculture programme as per the Vth Dean's committee norms."</i>
	Dress Code for the students of Practical Crop Production courses in B. Sc. (Hons.) Agriculture.	<i>"Resolved that the dress code to be adopted from session 2020-21 for the students of Practical Crop Production courses i.e., Agron-312 and Agron-323 as follows- Dress code for male and Female: Track suit Colour of dress: Greyish Blue Saw cap with strip and university emblem engraved in the front of cap Sports shoe"</i>
	Regarding the discrepancies in credit hrs of Principle of Seed Technology (GPBR-221) credit hrs (2+1)	<i>"Resolved that the course entitled Principle of Seed Technology (GPBR-221) will now be of (1+2) credits instead of (2+1) as per Vth Dean's committee"</i> .
	Minimum cut off marks (30 %) will be fixed as criteria to get admission through the CET entrance examination for the Bachelor level Programmes (UG) of the University.	<i>"Resolved that candidate have to obtained at least 30 % marks in CET entrance examination as minimum cut off marks and 5 % relaxation will be given as per reserved categories"</i> .

Dropping of students and submission of registration cards by students	<i>"Resolved that students should submit their cards to the concerned on the date of registration. The copies should be stamped by the concerned official from Registry, and student card should be returned to him on the spot. The list of students to be dropped should be conveyed to the concerned Dean, and through him/her to course instructors/advisors preferably within the first 15 days of the semester "</i>
Fixing of special lecture and suspension of class work.	<i>"Resolved that such special and specific lectures will be attended by only by the members of the concerned subject matter/divisions. Mass suspension of classes for such additional lectures should not be carried out. Further few important/special University/Faculty level events will be reflected in academic calendar in advance, where class suspension at University/Faculty level is required."</i>
MoU with other University for external evaluation of UG final papers	<i>"Resolved that external evaluation be carried out as per Vth Dean's committee recommendations"</i>
10 credit award of marks in experiential learning programme	<i>"Resolved that the concerned Head of the division will submit the proposal"</i>
Allotment of course of different semester in the current semester for undergraduates.	<i>"Resolved that no courses other than the current semester be offered to UG students during the regular programme ie. In the first eight semesters. In the 9th Semester of the degree programme a student may be allowed to have courses other than current semester only if he is left with two courses."</i>
Updated RRI to be notified	<i>"Resolved that the updated RRI must be notified at the earliest. All approved changes in the regulation must also be notified at the earliest."</i>

6.5.1.4. Anti Ragging Cell:

The University has vibrant Anti Ragging Cell monitored by a committee headed by Director Education with Deans of Faculties and Dean Students Welfare as members.

University level committee is being formulated regularly the detail of which is incorporated under University Accrediation Programme.

6.5.1.5. Biological Waste Disposal Facility:

A Biological Waste Disposal Plant has been made operational at the University Health Centre at Chatha, Campus. However, for disposal of biological/farm waste from different units such as Divisions, hostels, residential area and farm, the Estates Division is in the process of developing a modernized plant under the guidelines of Jammu and Kashmir Pollution Control Board.

Sewerage treatment plant of 15KLD capacity is operational at FoA, Chatha Campus. The university is in process of installation of solid biodegradable composting with waste processing capacity of 250kg per day.

6.5.1.6. Institutional Ethics Committee for Experiment on Animals: - N.A.

2.1.4.8. Committee for Prevention of Sexual Harassment of Woman at Work Places

A University level Committee headed by the lady Professor is in place with members from all the faculties including teaching and non-teaching staff and a student member.

University level committee is being formulated regularly the detail of which is already incorporated under University Accrediation Programme.

6.5.2. FACULTY

6.5.2.1. Faculty Strength

Number of Faculty Positions					
Professor		Associate Professor		Assistant Professor	
Sanctioned	Filled	Sanctioned	Filled	Sanctioned	Filled
13	05	33	20	59	49

The detail of faculty positions division wise is presented below:

S.No.	Division	Number of Faculty Positions					
		Professor		Associate Professor		Assistant Professor	
		S [#]	F [#]	S [#]	F [#]	S [#]	F [#]
1	Agricultural Economics/ABM	1	1	1	1	2	2
2	Agricultural Engineering	1	1	3	1*+2	4	1#+1
3	Agricultural Extension Education	1	1	3	1*+1	3	1#+2
4	Agroforestry	1	0	3	3*	3	1*+1#+1
5	Agronomy	1	0	3	1*	4	2#+1+1 ^{\$}
6	Entomology	1	0	3	1*	4	1*+2 [#]
7	Food Science & Technology	0	0	1	1*	4	1#+2+1 [@]
8	Fisheries unit	0	0	1	1	1	1
9	Fruit Science	1	0	1	0	5	1#+3
10	Plant Breeding and Genetics	1	0	3	2*	4	1#+2
11	Plant Pathology	1	0	2	1	5	2#+1
12	School of Biotechnology	1	1	2	1*	4	1#+2
13	Sericulture	1	0	1	0	5	1 [#]
14	Soil Sciences & Agricultural Chemistry	1	1	3	1*	4	1*+2#+1+2 ^{\$}
15	Vegetable Sciences & Floriculture	1	0	3	2*	5	1*+4
16	Landscaping & Beautification (Dean Office)	-	-	-	-	2	2

* - Promoted as Professor under CAS from Associate/Assistant Professor

- Promoted as Associate Professor under CAS from Assistant Professor

\$ - Promoted as Assistant Professor under CAS from STA

@ - Promoted as Professor under CAS from STA

6.5.2.2. Faculty Profile (Division-wise) in Tabular form:

The department wise faculty profile with academic qualification and field of experience is presented below and is sufficient to meet the requirement.

Name of the faculty	Designation	Highest Qualification	Field of work Experience
Division of Agro-forestry			
Dr. S. K. Gupta	Professor	Ph. D	Silviculture
Dr. K.K. Sood	Professor	Ph. D	Agroforestry
Dr. N. S. Raina	Professor	Ph. D	Forest Products
Dr. L.M. Gupta	Professor	Ph. D	Forest Products
Dr. Sandeep Sehgal	Assoc. Prof.	Ph. D	Agroforestry
Dr. Meenakshi Gupta	Asstt. Prof.	Ph. D	Agroforestry
School of Biotechnology			
Dr. R.K. Salgotra	Professor	Ph.D.	Plant Biotechnology
Dr. Vikas Tandon	Professor	Ph.D.	Horticulture
Dr. A.K. Singh	Associate Professor	Ph.D.	Biotechnology
*Dr. Manmohan Sharma	Associate Professor	Ph.D.	Plant Tissue Culture and Molecular Breeding
Dr. G.K. Rai	Assistant Profesor	Ph.D.	Biochemistry and Molecular Biology
Dr. Ravinder Singh	Assistant Professor	Ph.D.	Plant Biotechnology
**Dr. Susheel Sharma	Assistant Professor	Ph.D.	Molecular Breeding in Vegetable Crops
* Substantial post at RARS Rajouri			
** Substantial post at ACHR, Udheywala			
Division of Agricultural Engineering			
Dr Sushil Sharma	Professor and Head	Ph D	Farm Machinery and Power Engineering
Dr Sanjay Khar	Professor	Ph D	Farm Machinery and Power Engineering
Er N.K.Gupta	Associate Professor	Ph D	Soil and Water Engineering
Dr R.K.Srivastava	Associate Professor	Ph D	Soil and Water Engineering
Dr J.P.Singh	Associate Professor	Ph D	Farm Machinery and Power Engineering
Dr Sushmita Dadhich	Assistant Professor	Ph D	Soil and Water Engineering
Division of Fruit Science			
Dr. Amit Jasrotia	Associate Professor	Ph. D.	Fruit tree nutrition and Plant Growth regulation
Dr. Arti Sharma	Asstt. Professor	Ph. D.	Fruit Production & PHT
Dr. Kiran Kour	Asstt. Professor	Ph. D.	Fruit production
Dr. Deep Ji Bhat	Asstt. Professor	Ph. D.	Fruit production

Division of Agronomy			
Dr. B.C.Sharma	Prof. and Head	Ph.D.	<ul style="list-style-type: none"> ➤ Cropping System ➤ Nutrient Management ➤ Resource Conservation ➤ Weed Management ➤ Precision farming
Dr. Meenakshi Gupta	Associate Prof	Ph.D.	<ul style="list-style-type: none"> ➤ Nutrient Management ➤ Resource Conservation technology ➤ Crop Management
Dr. Neetu Sharma	Associate Prof	Ph.D.	<ul style="list-style-type: none"> ➤ Weed Management ➤ Nutrient Management
Dr. Manpreet Kour	Asstt. Prof	Ph.D.	<ul style="list-style-type: none"> ➤ Crop management ➤ Nutrient management ➤ Crop Simulation modelling ➤ Fodder and grass Management ➤ Recycling of animal waste
Rakesh Sharma	Asstt, Prof	Ph.D.	New cropping system
Division of Sericulture			
Dr. Kamlesh Bali	Associate Professor (CAS)	Ph.D.	Biological control; silkworm rearing techniques
Dr. R.K. Gupta*	Professor (Entomology)	Ph.D.	Biological Control
Dr. R. S. Bandral*	Professor (Ento.)	Ph.D.	Toxicology
Dr. Magdeshwar Sharma*	Associate Professor (Ento.)	Ph.D.	Economic Entomology
Dr. A.K. Singh*	Associate Professor (Ento.)	Ph.D.	IPM
* Faculty deputed from Division of Entomology for research and teaching			
Division of Plant Breeding & Genetics			
Dr. S.K. Gupta	Professor & Head	Ph.D.	Brassica Breeding
Dr. Bikram Singh	Professor	Ph.D.	Wheat Breeding
Dr. Ravinder Singh Sudan	Assoc. Prof.	Ph.D.	Maize Breeding
Dr. Praveen Singh	Asstt. Prof.	Ph.D.	Rice, Maize & Fodder Breeding
Dr. Subhash Chander Kashyap	Asstt. Prof	Ph.D.	Barley Breeding
Division of Food Science and Technology			
Dr. Anju Bhat	Professor	Ph.D.	Postharvest technology of fruits and vegetables
Dr. Jagmohan Singh	Professor	Ph.D.	Food processing of fruits vegetables and cereals
Dr. J.D.Bandral	Assoc. Professor	Ph.D.	Food processing of fruits vegetables and cereals
Dr. Monika Sood	Asstt. Professor	Ph.D.	Food processing of fruits vegetables and cereals
Dr Neeraj Gupta	Asstt. Professor	Ph.D.	Postharvest technology of fruits and vegetables

Division of Entomology			
Dr. R.K. Gupta	Professor	Ph.D.	Biological Control
Dr. R. S. Bandral	Professor	Ph.D.	Toxicology
Dr. Uma Shankar	Associate Professor	Ph.D.	Economic Entomology
Dr. A.K. Singh	Associate Professor	Ph.D.	IPM
Dr Devinder Sharma	Assistant Professor	Ph.D.	Apiculture
Division of Plant Pathology			
Dr. S.K. Singh	Associate Professor	Ph.D.	Fungal Pathology, IDM
Dr. Sachin Gupta	Associate Professor	Ph.D.	Mushroom Biology
Dr. Ranbir Singh	Associate Professor	Ph.D.	Plant Virology
Dr. A.K. Singh	Assistant Professor	Ph.D.	Fungal Pathology and Plant Bacteriology
Division of Vegetable Science and Floriculture			
Dr. R.K Samnotra	Prof.& Head	Ph.D.	Vegetable Breeding
Dr. R.K Pandey	Professor	Ph.D.	Flower Production
Dr. Sandeep Chopra	Professor	Ph.D.	Vegetable Production
Dr. Satish Kumar	Associate Professor	Ph.D.	Flower Production
Dr. Manoj Kumar	Assistant Professor	Ph.D.	Vegetable Production
Dr. Sanjeev Kumar	Assistant Professor	Ph.D.	Vegetable Breeding
Dr. Anil Bhushan	Assistant Professor	Ph.D.	Vegetable Breeding/Tissue Culture
Dr. Arvinder Singh	Assistant Professor	Ph.D.	Flower Production
Dr. Nomita Laishram	Assistant Professor	Ph.D.	Flower Breeding
Division of Agricultural Extension Education			
Dr. Rakesh Nanda	Professor & Head	Ph. D.	Participatory Rural Appraisals, Evaluation, Research Methodology
Dr. Rajinder Peshin	Professor	Ph. D.	Evaluation and Diffusion Research, Integrated Pest Management Extension, Scaling Techniques in Social Science

Dr. P. S. Slathia	Professor	Ph. D.	Training, Extension Management, Identification & Documentation of ITKs
Dr. L. K. Sharma	Assoc. Prof.	Ph. D.	Extension Methods, Diffusion and Adoption of Innovation & Media Production
Dr. Poonam Parihar	Asstt. Prof.	Ph. D.	Entrepreneurship & Agri-preneurship Development Gender sensitization Communication & Training Media Management.
Dr. J. S. Manhas	Asstt. Prof.	Ph. D.	Adoption, Entrepreneurship Development and Impact Assessment
Division of Soil Science and Agricultural Chemistry			
Dr. Vikas Sharma	Prof. & Head	Ph.D.	Soil Conservation/fertility/Chemistry
Dr. K.R Sharma	Prof.	Ph.D.	Soil Physics
Dr. A.K Mondal	Prof.	Ph.D.	Soil Chemistry
Dr. Peeyush Sharma	Associate Prof.	Ph.D.	Soil Physics
Dr. Vikas Abrol	Associate Prof.	Ph.D.	Soil Fertility
Dr. Renu Gupta*	Assistant Prof.	Ph.D.	Soil Microbiology
Dr. Vivak M Arya	Assistant Prof.	Ph.D.	Soil Fertility
Dr. Sarabdeep Kour#	Assistant Prof.	Ph.D.	Soil Fertility
*#Promoted from STA; #attached from Division of Agronomy			
Division of Agricultural Economics and Agri Business Management			
Dr. Jyoti Kachroo	Professor	M.Phil & Ph. D	Production, Agribusiness management and Gender studies and Micro economics
Dr. Sudhakar Dwivedi	Assoc. Prof.	Ph. D	Agricultural Economics
Dr. S. P. Singh	Asstt. Prof.	Ph. D	Production Economics
Dr. Anil Bhat	Asstt. Prof.	Ph. D	Agricultural Marketing and Agribusiness Management

6.5.2.3. Credentials of the faculty

The university has employed competent faculty members to accomplish the mission and goals of the institution. The highest qualification of each faculty member and work experience is mentioned in 2.1.4.9.2 table.

Professional licensure and certifications, honours and awards, documented excellence in teaching or other demonstrated competencies and achievements.

The information in tabular form regarding Awards/Recognitions/ Certificates obtained by the faculty is given below:

S No.	Name of Faculty & Designation	Work Experience	Honours and Awards	Excellence in Teaching/ Demonstrated Competencies/ Achievement that contribute to effective teaching and student learning outcomes
Division of Agroforestry				
1.	Dr. Lalit Mohan Gupta Prof. & Head	19 years Area of expertise: - Forest Products - Medicinal and aromatic plants	<ul style="list-style-type: none"> • University merit scholarship B Sc and M Sc forestry. • ICFRE fellowship in Ph D forestry • University Gold Medal (Ph. D. Forestry), Dr. Y.S. UHF Nauni-Solan (HP) • Santosh Shiksha Gold Medal & Certificate of Honour by Himotkarsh Parishad, Una (HP) for securing 1st position in Ph.D Forestry • Certificate of Honour by University for securing an OGPA of 8.01 in Ph.D Forestry • Qualified ICAR-NET in 1997 • Merit Certificate by Secretary (Education), Govt. of H.P for securing 57th position in the state in 10th Class. • Forestry expert in the panel of ASRB, New Delhi for setting the question paper of forestry subjects for various examinations 	<ul style="list-style-type: none"> • Maintaining Herbal garden for teaching, research and demonstration of M&APs • Prepared Manuals on M&APs, Environment Science, Forestry • Guiding M Sc. And Ph D students of forestry as Major Advisor • Continuous interactions with students for effective teaching and learning process. • Prepared seed Museum of M&APs for identification of students. • Used online platforms such as Zoom app, Google meet etc.for teaching during COVID pandemic lockdown

2.	Prof Sushil Kumar Gupta Professor & I/C University Examination Cell	30 years Area of expertise: - Forestry - Silviculture - Agroforestry systems - Medicinal crops	<ul style="list-style-type: none"> • ICAR merit scholarship in B.Sc. (Agri.) in 1984 HPKVV, Palampur • Certificate of Honour in B.Sc. (Agri.) in 1988 HPKVV, Palampur • UNDP Junior Fellowship in M.Sc. (Forestry) in 1988, UHF, Solan • Certificate of merit for in Ph.D (Forestry) in 1999, UHF, Solan • Gold Medal for securing 1st position in Ph.D (Forestry), Himotkarsh Parishad, Una (HP) • Fellow , Range Management of Society of India, IGFR, Jhansi, India • Advisor to Union Public Service Commission, New Delhi • Nominated as an expert, ASRB, New Delhi • Visitor's nominee in the Executive Council of CUJ, Jammu 	<ul style="list-style-type: none"> • Developed lab manuals pertaining to UG/PG courses. • Supervised M.Sc./Ph.D. students as Major Advisor • Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective • Continuous evaluation of students. • Arranged special lectures for students preparing for JRF examinations • Initiated Ph.D. programme in the Division of Agroforestry as HoD. • Member Secretary BOS and member of Academic Council • As Incharge Examination Cell conducting Entrance Examinations, University examinations and recruitment tests
3.	Dr. Kamal Kishor Sood Professor	28 years Area of Expertise: Agroforestry Multipurpose and medicinal trees Natural Resource Management	<ul style="list-style-type: none"> • University Merit Scholarship in B.Sc Forestry • UNDP Fellowship in M.Sc Forestry • Qualified SRF (1997) conducted by ICAR • Awarded INDIRA GANDHI GOLD MEDAL for topping UG levels in the University • Awarded UNIVERSITY GOLD MEDAL for Academic excellence in B.Sc Forestry • Awarded UNIVERSITY GOLD MEDAL for standing first in University at PG levels • CERTIFICATES OF MERIT for standing first in B.Sc and M.Sc Forestry during the years: 1985-86, 1986-87, 1987-88, 1988-89, 1989-90, 1990-91 • Awarded CERTIFICATE OF HONOUR for B.Sc Forestry 	<ul style="list-style-type: none"> • As Member Secretary of Board of Studies and Faculty of Agriculture involved in adoption/modifications of curriculum for UG classes as per Deans' Committee reports to enable academic excellence. • Prepared Manuals of UG/PG courses based on field experience. • Interactive teaching using audio-visual mode and live teaching during lockdown through online mode. • International academic and research exposure in Scotland and England (United Kingdom) during D.Phil.

			<ul style="list-style-type: none"> • Awarded CERIFICATE OF HONOUR for M.Sc Forestry • Qualified NATIONAL ELIGIBILITY TEST (NET 1993 and 1994) conducted by ICAR • Awarded prestigious Commonwealth Fellowship (U.K.)D.Phil in Forestry from United Kingdom • Expert/Advisor (Forestry), Union Public Service Commission, New Delhi • <i>Visitor's Nominee</i> to Court of Assam University, Silchar (Central University) nominated by Hon'ble President of India. 	
4.	Dr. N. S Raina Professor	18 years Area of expertise: - Tree improvement - Medicinal and aromatic plants	<ul style="list-style-type: none"> • Member, Board of management, Dr. Y.S. UHF Nauni-Solan (HP). • Director, IRCON 	<ul style="list-style-type: none"> • Guiding M Sc. and Ph D students of forestry as Major Advisor • Prepared Manual for UG & PG students. • Used online platforms such as Zoom app, Google meet etc. for teaching during COVID pandemic lockdown
5.	Dr. Sandeep Associate Professor Sehgal	19 years Area of expertise: - Agroforestry - Tree crop interactions	<ul style="list-style-type: none"> • ICAR merit cum means scholarship in B Sc Forestry • Awarded UNDP Fellowship in M.Sc. Agroforestry 	<ul style="list-style-type: none"> • Prepared Manual for UG & PG students. • Students are regularly taken to nearby villages for D&D survey in practicals of agroforestry. • Chairman of advisory committee of M Sc. and Ph D students of forestry • Continuous interactions with students for effective teaching and learning process. • Used online platforms such as Zoom app, Google meet etc. for teaching during COVID pandemic lockdown

6.	Dr. Meenakshi Gupta Assistant Professor	10 years Area of expertise: - Silviculture Agroforestry -Tree crop interaction Acquired Ph D Agroforestry degree in 2018	<ul style="list-style-type: none"> • University merit scholarship B Sc and M Sc forestry. • University Gold Medal (B. Sc. Forestry), Dr. Y.S. UHF Nauni-Solan (HP) in 1997 • Indira Gandhi Gold Medal for securing 1st position in B.Sc (Forestry) in College of Forestry • Awarded certificate of honor for securing an OGPA of 7.93/10.00 in B.Sc(Forestry) • Santosh Shiksha Gold Medal & Certificate of Honour by Himotkarsh Parishad, Una (HP) for securing 1st position in B. Sc. Forestry 	<ul style="list-style-type: none"> • Regularly conducting visits of students to wood based industries for practical demonstration. • Collected wood samples of temperate forest species for identification of woods. • Prepared Manual on Environment Science, Forestry and Forest Biometry for UG & PG students. • Guiding M Sc. students of forestry as Major Advisor • Continuous interactions with students for effective teaching and learning process. • Used audio visual aids regularly and online platforms such as Zoom app, Google meet etc. for teaching during COVID pandemic lockdown
School of Biotechnology				
1.	Dr. R K Salgotra Professor, School of Biotechnology	20 years Area of Expertise <ul style="list-style-type: none"> • Plant Genetics • Molecular Genetics • Rice Molecular Breeding • Crop Improvement 	<ul style="list-style-type: none"> • Norman E. Borlaug Fellow, USA 2014-15 • BOYSCAST Fellowship, USA 2009-10 • Swedish International Development Agency Fellowship, Sweden 2013 • Awarded Chinese Government Scholarship 2006. • Belgium Govt. Scholarship, Belgium 2009 • Young Scientist FAST TRACK Award, New Delhi • CSIR-Senior Research Fellowship • ICAR-Merit-cum-Scholarship • Ph.D. University Merit Scholarship 	<ul style="list-style-type: none"> • Initiated BSc (Hons) and B.Tech. Biotechnology, MSc. and PhD Biotechnology programme in the School of Biotechnology. • Compiled Curriculum Handbook for UG, M.Sc. & Ph.D. students of School of Biotechnology as co-author • Development lab manuals for UG and PG programmes • Supervised UG (Project work), M.Sc. and Ph.D. students • Successfully demonstrated lectures in Offline / Online on the following subjects:

				<ul style="list-style-type: none"> • Fundamentals of Cytogenetics & Molecular Cytogenetics BIOT 224 • Instrumentation in Biotechnology BIOT 225 • Principles and Procedures of Molecular Biotechnology and Genomics BIOT 416 • Intellectual Property Rights & Bio-safety BIOT 417 • Principles of Biotechnology BIOT 501 • Molecular Breeding BIOT 513 • Advances in Genetic Engineering BIOT 602 • Advances in Crop Biotechnology BIOT 604 • Used Audio-visual aids and smart class rooms for making teaching and learning for interactive and effective. • Conducted 1-3 months training programmes of the students/ scholars from other institutes as training incharge.
2	Dr. Vikas Tandon Professor, School of Biotechnology	20 years	<ul style="list-style-type: none"> • 1. Pandit Deen Dayal Upadhyay award for best KVK in zone ! 2017.(ICAR) • 1. Best paper awards in few Conferences and seminars 	<p>Guiding Masters research. Teaching Undergraduate courses.</p> <ul style="list-style-type: none"> • successfully conducted Basic Horticulture Training course. (BHT) • Developed working laboratories and protected structures for hands on training of students. • Presently looking after development of Centre of Excellence for Horticultural crops which shall be best platform for students to learn and develop specialised skills.

3	<p>Dr. Anil Kumar Singh Associate Professor Biotechnology</p>	<p>19 years</p> <p>Area of Expertise</p> <ul style="list-style-type: none"> • Molecular Biology • Genomics • Plant Tissue culture • Microbial Biotechnology 	<ul style="list-style-type: none"> • Received “Excellence in Teaching Award” by Samagra Vikas Welfare Society (SVWS) in 2016. • Received Mahima Agricultural Excellence Scientist Award in International conference on “Agricultural, Allied Sciences & Biotechnology for Sustainability of Agriculture, Nutrition & Food Security” organized at BHU, Varanasi from 25-26 Nov, 2017 • Received “Mahima Outstanding Achievement Award 2018” during International conference on “Impact of Climate Change and Abiotic Stress on Agriculture and Management Strategies” organized at BHU, Varanasi from 17-18 Nov, 2018 • Received Best Paper Award during International conference on “Agricultural, Allied Sciences & Biotechnology for Sustainability of Agriculture, Nutrition & Food Security” organized at BHU, Varanasi from 25-26 Nov, 2017. • Received Best Paper Award during National conference on Perspective of Challenges and Options in Litchi Production and Utilization. COA by ICAR-NRCL, from 6-7 June 2017. • Received an appreciation letter for acted as Convener of the session entitled “Litchi Improvement utility of Modern tool and techniques” at ICAR-National Research Center on Litchi, Muzafferpur, Bihar. from 6-7th June 2017. • Received an appreciation letter during National Symposium on “Ecological Sustainable Plant Disease Management under Diversified farming situation” CoA by SKUAST-Jammu from 13-14 Nov, 2017. 	<ul style="list-style-type: none"> • Initiated BSc. MSc. and PhD Biotechnology programme in the School of Biotechnology. • Developed the laboratory of Plant Tissue Culture, Genomics and Proteomics • Supervised many MSc/PhD students as a major guide. • Worked as a External Examiner for many University in the area of Biotechnology • Booklet entitled A Text Book of Plant Tissue Culture published by Kalyani Publication and another Cytogenetics and Molecular Biology; Published by Bioscientific Publisher, New Delhi, has been published. • Developed four manual pertaining to UG/PG courses • Eight book chapter has been published in various international book.
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4	Dr. Manmohan Sharma Associate Professor	19 years Area of expertise: • Plant Biotechnology • Genetics • Molecular Breeding • Plant Tissue Culture	<ul style="list-style-type: none"> • Batch 1st Rank and merit scholarship holder during B.Sc. (Agri) 1995-2001 SKUAST-J&K • ICAR JRF during M.Sc. at PAU, Ludhiana (2001-2002) • Qualified National Eligibility Test 2001 in Plant Breeding conducted by ICAR, • Expert member in the panel of National Testing Agency and ICAR , CSKHPKV Palampur, YSP UHF Solan, PAU Ludhiana, SMVDU Katra for setting of question papers for entrance exams and exams of courses. • Mentor of DST WOS(A) Project • Principal Investigator of DBT & SERB funded projects 	10 years <ul style="list-style-type: none"> • Co-authored and compiled Regulations on Resident Instructions-2020 of SKUAST-Jammu, published by Directorate of Education • Developed two Lab. Manuals (on Molecular Laboratory Techniques and Plant Tissue Culture for UG and PG students) • Co-authored two laboratory manuals for UG and PG students (Microbiological Techniques and Molecular Techniques) • Co-authored a booklet on tissue culture standardized protocols for generation of quality planting material. • Compiled Curriculum Handbook for UG, M.Sc. & Ph.D. students of School of Biotechnology as co-author • Compiled Course Curriculum Book and Lecture Schedule of PG Courses in Agriculture for Faculty of Agriculture as co-author • Supervised B.Sc./B.Tech. Biotechnology students as Advisor • Supervised and guided 04 M.Sc. and 05 Ph.D. students as Major Advisor • Used Audio-visual aids and smart class rooms for making teaching and learning for interactive and effective. • Conducted 1-3 months training programmes of the students/ scholars from other institutes as training incharge.
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				<ul style="list-style-type: none"> • Member of the committee for implementation and development of course curriculum of B.Tech. (Biotechnology) Programme. • Member of the committee for development of M.Tech. Biotechnology syllabus. • Delivered special lectures to students preparing for NET, JRF, SRF and ARS exams.
5	Dr. Gyanendra Kumar Rai Assistant Professor (SG)	13 years Area of expertise <ul style="list-style-type: none"> • Plant Biochemistry/ Molecular Biology • Abiotic tolerance mechanism • Molecular Breeding for quality traits 	<ul style="list-style-type: none"> • Yong Scientist Associate Award-2013, From Bioved Research Institute of Agriculture and Technology, Allahabad. • Second prize for poster presentation on entitled “Antioxidant-phytochemical investigation in wheat with special reference to abiotic stress” under Abiotic session. In the National Symposium entitled “Advances in biotechnological Research in Agri-Horticultural crops for Sustaining Productivity, Quality Improvement and food Security” held at Centre of Excellence in Agri. Biotechnology, college of biotechnology, SVPUA&T, Meerut. w.e.f. 14-16th Sept. 2011. • N.R. Dhar memorial scholarship during Ph.D. from University of Allahabad, Allahabad. • Fellow award from Society for Applied Biotechnology • Vimala Devi Medal-2015 from BIOVED Research Institute of Agriculture and Technology, Allahabad • Excellence in Teaching award by SVWS, Lucknow on occasion of International Seminar on “Agriculture and Food for inclusive growth and development” held NBRI, Lucknow on dated 14- 	<ul style="list-style-type: none"> • Developed lab manuals for UG and PG students • Supervised M.Sc. and Ph. D. student • Developed the course curriculum for B. Sc. Biotechnology. • Initiated B.Sc. (Hons)Biotechnology, M.Sc. and Ph.D. Biotechnology programme as active faculty member <p>Trainings attended:</p> <ul style="list-style-type: none"> • Marker assisted breeding in vegetable crops from December 1-21, 2009 at Indian Institute of Vegetable Research, Varanasi. • Current Techniques and Protocols in Plant Biochemistry and Molecular Biology w.e.f. 8th December, 2011 to 28th December, 2011 (for 21 days) at Division of Biochemistry, IARI, New Delhi. • Applications of Genomics in Crop Improvement from December 27th 2012- January 16th, 2013 at Department of Molecular Biology and Genetic Engineering, GBPUA&T, Pantnagar.

			<p>16th January, 2017.</p> <ul style="list-style-type: none"> • Young Scientist award by EET CRS, Noida in Education Expo on occasion of 6th Academic Brilliance Awards-2018. 	<ul style="list-style-type: none"> • Non-destructive Phenotyping and Phenomics for Dissection of Abiotic Stress Tolerance, Gene Discovery and Crop Improvement” w.e.f. July 14, 2014 to July 23, 2014 at Division of Plant Physiology, Indian Agricultural Research Institute New Delhi-110012. • CAFT training on “Current techniques and protocols in plant biochemistry and molecular biology” w.e.f. 12th November to 2nd December, 2014 (for 21 days) at Division of Biochemistry, Indian Agricultural Research Institute New Delhi-110012. • CAFT training on “Advance Computational and Statistical Tools for Omics Data Analysis” w.e.f. 1-21th December, 2016 (for 21 days) at IASRI, New Delhi-110012 • Short training course on “Techniques in Estimation of Nutraceutical properties from crops” at Department of Biochemistry, B.A. College of Agriculture, Anand Agriculture University, Anand on 16th -25th January, 2018. <p>Training Organized</p> <ul style="list-style-type: none"> • Basic Techniques in molecular biology • Basic molecular techniques Applicable for Agriculture Research • Plant tissue culture techniques in quality planting material production and crop improvement • Advance techniques and tools for functional genomics in crops
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				<p>Book published:</p> <ul style="list-style-type: none"> • Nutritional Security: Vegetable and Fruits • Abiotic tolerance mechanisms in plants • Climate Resilient Sustainable Agriculture and Animal Production • Advances in Biotechnology and Bioscience , Volume – I • Advances in Biotechnology and Bioscience , Volume – II • Millets: the orphan crop for uncertain future • Plant Abiotic Stress Tolerance: Physiochemical and Molecular Avenues
6	Dr. Susheel Sharma Assistant Professor	11 years Area of Expertise • Vegetable Breeding • Molecular Breeding in Vegetable crops • Genomics	<ul style="list-style-type: none"> • Awarded International Travel Grant under ITS by SERB, DST, Govt. of India, New Delhi for presenting research at International Conference on Legume Genetics and Genomics at Dijon, France. • Presented best poster awards in 3rd National Seminar on Smart technologies to boost farm profitability and Socio-Economic Status of Rural India organized by RASSA-2018. • DST Young Scientist Award under Fast Track Scheme 	<ul style="list-style-type: none"> • An active member for formulating course curriculum of B.Tech. (biotechnology) • Have successfully supervised three PhD and four MSc students • Member of teams/authors involved in formulating manuals pertaining to biotechnology and vegetable breeding • Actively involved in teaching of various biotechnology courses
7	Dr. Ravinder Singh Assistant Professor	14 years Areas of expertise: Plant genetics, molecular breeding	<ul style="list-style-type: none"> - Gold medal for Master Degree - CSIR-SRF during PhD - Visiting scientist to Agriculture and Agri Food Canada - Peer reviewer for International Journals (BMC Plant Biology, Plos One, 3Biotech) - Reviewer/expert for DBT research project proposals 	<ul style="list-style-type: none"> - Supervised M.Sc and PhD students - Developed lab manuals for various applications related to Plant genetics/genomics - Developed Bioinformatics lab at SBT for UG/PG students - Collected and developed a core set of plant accessions of wheat, brassica and tomato for PG research

Division of Agriculture Engineering				
1.	Prof Sushil Sharma Professor & Head I/C Academics, FoA	30 years Area of expertise: - Farm Mechanization - Renewable Energy - Precision Farming	<ul style="list-style-type: none"> • Prize for paper presentation during ISSHA organized at HPKVV, Palampur in Oct. 1998 • Chairman, ISAE (J&K Chapter) • Nominated as an expert, ASRB, New Delhi • Chief Editor of Students Magazine “HARYLEE” • Represented the State on “Promoting SPV installation (Solar farming) among Grid Connected Farmers using net metering for additional income” held at <i>Krishi Bhawan, New Delhi</i> on 26-07-2017. • Certificate of Appreciation in contribution in Organizing 19th Annual National Conference of SSCA-2017 by Society of Statistics, Computer and Applications (SSCA-2017), India 	<ul style="list-style-type: none"> • Incharge, Academics for the Faculty of Agriculture since March, 2013 facilitating students teaching. • Chief Editor of Students Magazine “HARYLEE” • • Initiated M Tech (FM&PE) programme in the Division of Agricultural Engineering as HoD. • Initiated M Tech (S&WE) programme in the Division of Agricultural Engineering as HoD. • Initiated PhD (FM&PE) programme in the Division of Agricultural Engineering as HoD. • Initiated proposal for starting of B. Tech. Degree Programme in Agricultural Engineering • Compiled and edited course curriculum and lecture schedule for UG Programme (4th Dean’s Committee). • Compiled and edited course curriculum and lecture schedule for UG Programme (5th Dean’s Committee). • Compiled and edited course curriculum and lecture schedule for UG Programme (4th Dean’s Committee). • Moderator (ARS/NET), Attended <i>ASRB office KAB-I, PUSA</i>, New Delhi on 30-31 Jan, 2018 To set question paper(s) of ARS/NET • Supervised M.Tech./Ph.D. students as Major Advisor

				<ul style="list-style-type: none"> • Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective • Continuous evaluation of students. • Member BOS (UG), Faculty, BOS (PG Studies), Faculty (PG) and Academic Council • Developed lab manuals pertaining to UG courses.
2.	Dr Sanjay Khar Professor	32 years Area of expertise: - Farm Mechanization - Renewable Energy - Precision Farming	<ul style="list-style-type: none"> • Elected Chairman, Jammu Local Centre of the Institution of Engineers (India) Kolkata for the year 2019-20,2020-21 and 2021-22 • Fellow of the Institution of Engineers India • Elected to the Executive Council of Institution of Engineers (India) Kolkata Agricultural Engineering Division • Presidential Appreciation Award by the Society for Community Mobilisation for Sustainable Development (MOBILIZATION) • Appreciation Award by SKUAST-J • The Institution Prize by The Institution of Engineers (India) • Dr. J. S. Pruthi award on Development of New Products / New Process / New Machinery by All India Food Processors association • Awarded third prize for best paper presentation in National Seminar of Spices by Directorate of Arecanut and Spices development GoI, Kerala • Chartered Engineer of the Institution of Engineers (India) Kolkata Agricultural Engineering Division. Institution of Engineers (India) Kolkata 	<ul style="list-style-type: none"> • Supervised M.Tech./Ph.D. students as Major Advisor and M.sc/PhD students an member of advisory committee • Continuous evaluation of the students. • Member BOS (UG), Faculty, BOS (PG Studies), Faculty (PG) and Academic Council • Associated in preparation and compilation of material for different training programmes organized by the Division • Incharge Academics of the division of Agricultural Engineering • Developed lab manuals pertaining to UG courses • Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective

3.	Er. N.K.Gupta Associate Professor	36 ⁺ years Watershed and Water Management Aspects	<p>*Best paper and Best Poster presentation Awards</p> <p>* Appreciation letters from</p> <ul style="list-style-type: none"> • Director Agriculture, Jammu • Director Command Area Development, Jammu • Director, IMPARD, Jammu • Chief Executive Officer, State Level Nodal Agency on IWMP • Director Research, SKUAST-Jammu, • Director Extension, SKUAST-Jammu • Zonal Co Ordinator.TOT Project, ICAR, PAU, Ludhiana for conducting excellent Training Program for the official of respective directorate 	<p>Master trainers for</p> <p>➤ Technology assessment and refinement through Institution village Linkage Project (IVLP) of ICAR (under the project conducted 10 days training program at CCSHAU, Hissar for the staff of IARI, CCSHAU, Hissar, Palampur university, PAU, Ludhiana)</p> <p>➤ Scaling up of water productivity in Agriculture for Livelihood through teaching cum Demonstration, Training of Trainers and Farmers (Ministry of Agriculture, ICAR) (Under the project, Conducted 15 training program each of 14 days duration for the officers of Agriculture, Horticulture, Command Area Development department of J &K Govt and got lot of appreciation from respective Directors beside this conducted 61 farmers training program each of seven days duration in the villages of Jammu district, Kathua district, Samba district, Udhampur district, Reasi district and Rajouri district and demonstrated latest technology regarding agriculture and allied fields)</p> <p>➤ Integrated Watershed Management Program Rural Development, Govt of India (Under the project accepted challenge and conducted number of training program for the staff of the project both from Jammu province and Kashmir Province and won excellent appreciation letter from CEO, IWMP Mission water Conservation “SAKSHAM”</p>
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				<p>MOWR in collaboration with IMPARD-Jammu</p> <p>(Under the project conducted 10 Training Program in collaboration with Institution of Management and Public Administration of Rural development, J&K Govt. staff working as Engineers in Rural Engineering Wing of Rural development Department of all the 10 district of Jammu Province.</p> <p>Teaching UG as well as PG classes in the field of</p> <ul style="list-style-type: none"> • Agronomy • Soil Sciences and • Agricultural Engineering <p style="text-align: right;">Since from 1993 till date</p> <p>Published four Mannuals/book on the topics</p> <ul style="list-style-type: none"> • Water requirement of Major crops of Jammu District • Soil and Water Conservation Engineering • Watershed Management • Income Generating units in Watershed Program
4.	Dr. R.K.Srivastava Associate Professor	22 years Area of expertise: - Water shed management -Engineerin structures for soil and water conservation -Micro Irrigation -Application of	<ul style="list-style-type: none"> • ICAR fellowship during B.Tech. degree programme • GATE (MHRD) fellowship during M.Tech. degree programme • INSA Visiting Scientist Fellowship during 2014-15 • Appreciation letter from Hon'ble Vice-Chancellor, SKUAST-J • Certificate of appreciation for writing book chapter in Annual Technical Volume II (2015-16) of The Institution of Engineers (India), Civil Engineering 	<ul style="list-style-type: none"> • One student has cleared NET exam conducted by ASRB • Associated in preparing proposal for initiating B. Tech. Degree Programme in Agricultural Engineering • Associated in preparing proposal for initiating M.Tech. Degree Programme in Soil and Water Engineering • Member of PG Board of studies

		RS & GIS in land and water resource management	<p>Division on Water Conservation and Management in India</p> <ul style="list-style-type: none"> • Best oral presentation award in National Seminar on Technology and Management of Micro Irrigation in Floriculture held on 19-20 March, 2015 at SKUAST-J, Chatha, Jammu • Worked as member of editorial board of Agricultural Engineering Today Journal of Indian Society of Agricultural Engineering (ISAE) • Innovative team award by Society for integrated development of agriculture, veterinary and ecological sciences. • Member in editorial board in Pantnagar Journal of Research 	<ul style="list-style-type: none"> • Member of Board of Studies for Faculty of Agriculture
5.	Dr. J.P. Singh Associate Professor	20 years Area of expertise: - Farm Machinery and Power	Nil	<ul style="list-style-type: none"> • Developed lab manuals pertaining to UG courses. • Member BOS (UG), Faculty, BOS (PG Studies) and Faculty (PG) • Supervised M. Tech. students as Major Advisor
6.	Dr. Sushmita M. Dadhich Assistant Professor (Se. Sr.)	17 years Area of expertise: - Water Resource Management - Irrigation and Drainage Engineering - Precision Farming	<ul style="list-style-type: none"> • Innovative Team Award for 'Development and Evaluation of Automatic Timer Based Variable Sped Device for Sprinkler System' from Society for Integrated Development of Agriculture Veterinary and Ecological Sciences, 2018. • Innovative Team Award for 'Design and Development of Tractor Operated Soil Compaction Measurement Device' from Society for Integrated Development of Agriculture Veterinary and Ecological Sciences, 2018. 	<ul style="list-style-type: none"> • Developed lab manuals pertaining to UG courses. • Supervised M.Tech. students as Major Advisor • Continuous evaluation of students. • Member BOS (UG), Faculty, BOS (PG Studies), Faculty (PG)

			<ul style="list-style-type: none"> • Ministry of Science and Technology Fellowship under Funds for Improvement of S&T Infrastructure, India, (April 2013-June 2013). • Received scholarship during Ph.D., Ministry of Human Resource Development, Government of India, (2006-2010). • Qualified 'National Eligibility Test' (NET-2003) for Lectureship, Indian Council of Agricultural Research, India. 2003. • Received scholarship during M.Tech., Ministry of Human Resource Development, Government of India, (2001-2003). • Qualified 'Graduate Aptitude Test in Engineering' (GATE--2001) for Masters degree entrance in India. 2001. • Distinction in M.Tech. in Agricultural Engineering (Irrigation and Drainage Engineering), India, 2003 	
Division of Fruit Science				
1.	Dr. Parshant Bakshi Sr. Scientist/ Associate Professor, Fruit Science	17 years Area of expertise: <ul style="list-style-type: none"> • Fruit Physiology • Nutrition of Fruit crops • Rejuvenation of senile orchards • Enzymological changes in fruits 	<ul style="list-style-type: none"> • Qualified National Eligibility Test (NET) conducted by Indian Council of Agricultural Research (ICAR), New Delhi. • Vice-Chancellor's Appreciation for Jammu mango variety. • Appreciation Certificate from Hon'ble Vice Chancellor for Chairman of Cultural Committee in 1st and 2nd Agri fest in 2017 and 2018, respectively. • Awarded <i>Best Oral</i> Presentation award in National Seminar on "Technology and Management of Micro-irrigation in Floriculture: from 19th to 20th March, 2015, SKUAST, Jammu. 	<ul style="list-style-type: none"> • The students of UG and PG classes of Fruit Science were encouraged and involved in "Learning by Doing" method for practical's where they were guided and encouraged from time to time for demonstration to shoot video of their practical as well as Presentation of their topics. • Students are consulting the power point presentations uploaded on slideshare and my presentations have approx. 62,000 views since 2016 to till date and they are using this material for their academics.

		<ul style="list-style-type: none"> • High Density orcharding 	<ul style="list-style-type: none"> • Awarded <i>Best poster</i> award in International Conference on "Natural Resource Management, Ecological Perspectives" organized by Indian Ecological Society from 18th to 20th February 2016. • Awarded Bharat Excellence Award and Gold Medal in National Conference on Economic growth and National unity in 2017 by Friendship Forum, New Delhi. • Nominated as an expert from Ministry of Agriculture and Farmers Welfare, Govt. of India, New Delhi for attending the International Workshop and Regional Expert Consultation on Strengthening Mountain Agriculture Development and Food Security and Nutrition Governance held at Beijing, China organized by Food and Agriculture Organization (FAO) w.e.f 30th October to 2nd November, 2018. • Awarded <i>Best Oral</i> Presentation in 2nd International Conference on Global Initiatives for Sustainable Development: Issues and Strategies from 23rd to 27th June, 2019, Bangkok, Thailand. • Awarded <i>Best poster</i> award in International Web Conference on New Trends in Agriculture, Environmental and Biological Sciences for Inclusive Development -2020) held during 21st to 22nd June, 2020. 	<ul style="list-style-type: none"> • Developed lab manuals pertaining to UG/PG courses. • Supervised 2 M.Sc. and 5 Ph.D. students as Major Advisor • Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective • Guided students for JRF, SRF, NET and ARS in Horticulture by arranging special lectures for students and uploaded video on MCQs • During lockdown period, videos of weblecture, competitive videos, high density planting and fruit production are of great help to students and talk show and demonstration to fruit growers and field functionaries and the total views of my YouTube channel (https://www.youtube.com/user/parshantbakshi) are 1,11,000 which showed an increase of viewed videos by 54 per cent from March, 2020 to January, 2021. • Research gate: My RG score is 25.14 with publications read crossed 1,15,000 • Google scholar <i>h-index</i> is 12 and <i>i-10 index</i> is 20
2.	Dr. Mahital Jamwal Deputy	17 years Area of expertise:	<ul style="list-style-type: none"> • Awarded ARO postdoctoral fellowship 2012-13 by The Volcani Center, Ministry of Agriculture and Rural Development, Israel. 	<ul style="list-style-type: none"> • Taught Fruit sciences courses to UG and PG students as well as PhD scholars and advised in

	<p>Director Research / Assoc. Prof. (Fruit Science)</p>	<ul style="list-style-type: none"> • Horticulture • Biotechnology and Molecular Biology 	<ul style="list-style-type: none"> • Awarded MASHAV fellowship by the Ministry of External Affairs, Israel, during 2012. • Awarded fellowship from the Ministry of Science & Technology of China, Beijing, during 2011. • Availed Ministry of the Netherlands fellowship during 2007 for the programme organized at ANGRAU, Hyderabad by Alterra-ILRI, Wageningen University and Research Centre, The Netherlands. • Awarded PhD merit scholarship by CCS Haryana Agriculture University, Hisar. • Awarded 2nd position in Master's degree program by the University of Allahabad. • Resource person for E-learning program on Post harvest technology during 2011, organized by Postharvest Technology, Extension Systems International PO Box 3130, Quartzsite, Arizona 85359 USA. • Conferred with Young Scientist Award by the Royal Association for Science-led Socio-Cultural Advancement (RASSA), New Delhi during 2018. • Conferred Amity Academic Excellence Award to recognize most valuable contribution and excellence in the field of academics by the Senate & Board of prestigious International Business Summit during the 19th International Business Summit and Research Conference INBUSH-ERA World Summit-2019. 	<p>research dissertations.</p> <ul style="list-style-type: none"> • Continuous interactions with students for effective teaching and learning process. • • Team member for developing improved plant varieties one each of pecan-nut and Bhaderwahi Rajmash (french bean).
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3.	Dr. Amit Jasrotia Associate Professor	16 years Area of expertise: <ul style="list-style-type: none"> • Nutrition of Fruit crops • Fruit Plant Growth Regulation. • Orchard Management 	<ul style="list-style-type: none"> • Qualified National Eligibility Test (NET) conducted by Indian Council of Agricultural Research (ICAR), New Delhi. • Awarded Merit Certificate in Ph. D. • Received certificate of appreciation from Hon'ble Vice-Chancellor, SKUAST-J for successful conductance of Agri-Fest 2017 of Faculty of Agriculture, Chatha. 	<ul style="list-style-type: none"> • The students of UG and PG classes of Fruit Science were encouraged and involved in “Learning by Doing” method for practicals, where they were given practical demonstration on various aspects of Fruit Production Technology. • Demonstration on various systems of planting under High Density in Apple. • Developed Gene Bank of Apple, pear, apricot strawberry and walnut at RHRSS, Baderwah. • Guiding PG students on various aspects academics of the Division and sensitization of students about various provisions of RRI of the University. • Continuous interactions with students for effective teaching and learning process. • Developed lab manuals pertaining to UG/PG courses. • Supervised 04 M.Sc. students as Major Advisor • Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective. • Contributed in developing “Package of Practices” of Fruit Crops, Division of Fruit Science, SKUAST-Jammu. • Established virus indexing and molecular laboratory in the Division of Fruit Science. • Contributed as author of book for UG Students “Fundamental of Horticulture” as per the syllabus of 5th Deans’ Committee Report.
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4.	Dr. Arti Sharma Assistant Professor	14 years Area of expertise: <ul style="list-style-type: none"> - Crop improvement - Plant propagation and nursery management 	<ul style="list-style-type: none"> • University merit scholarship in B. Sc., M.Sc. and Ph. D. • Qualified National Eligibility Test (NET) conducted by Indian Council of Agricultural Research(ICAR), New Delhi • Received Mahima Young Scientist Award in Inter. Conf. on “Impact of Climate Change and Abiotic Stresses on Agriculture & Management Strategies” organized by Mahima research foundation and social welfare w.e.f 17-18 November 2018 at BHU, Varanasi . • Received Eminent Scientist Award in Int. Conf. on “Advances in Agriculture under Changing Climate Scenario for Sustainable Global development-2019)” organized by R. S. Krishi Shodh Evam Prashikshan Sansthan, IISR-ICAR, Lucknow University of Allahabad and Susanskriti, Prayagraj, India 	<ul style="list-style-type: none"> • Developed Lab manual for UG course. • Supervised M.Sc./Ph. D. students as major Advisor. • Conducted practical’s with prime focus on hands on experience. • Engaged in Experiential learning unit on “Hi-tech nursery for horticultural crops” as manager. • Accompanied B. Sc. (Hons.) Agriculture students on educational tours from time to time
5.	Dr. Kiran Kour Assistant Professor	13 years Area of expertise: <ul style="list-style-type: none"> • Fruit Plant propagation. • Minor under exploited fruits. 	<ul style="list-style-type: none"> • University Merit Scholarship in Ph.D. • Received Chiranjit Parmar Distinguishing Publication Awards in Wild Fruits in 2017 for the book “The Blackberry-An Underutilized Himalayan Fruit” , By SADHNA (Society for Advancement of Human and Nature). Dr.Y.S. Parmar University of Horticulture and Forestry. Nauni, Solan. 	<ul style="list-style-type: none"> • Supervised M.Sc /Ph.D students as Major as well as Minor advisor. • Developed a museum and continuously upgraded it for UG/PG students as teaching aid in the division of fruit Science • - Contributed as a author of book for UG Students “Fundamental of Horticulture” within

			<ul style="list-style-type: none"> • Received Bharat Excellence Award 2017 from Governer of Sikkim in National Conference on “Economic Growth and National Unity” held on 14th May 2017 at Friendship Forum, New Delhi. • Received Rising women of India Award for the year 2017 from Friendship Forum of India. New Delhi. • Release of a variety of walnut namely GL0109 (Bhushan) .(approved by chairman state Seed Sub-Committee UT of J& K held on 27-12-2029 vide letter no DSCO/SSSC-Dev/2020-21/582-596 dated; 30/12/2020) 	<p>the light of recent recommendation of Vth Dean’s Report.</p> <ul style="list-style-type: none"> • Used audio-visuals aids and smart class rooms for making teaching and learning interactive and more effective. • Continuous field visits of students for practical knowledge and learning by doing process of teaching. • Continuous evaluation of students by using various techniques like assignments, presentations and projects etc. • Delivered special lectures for NET and ARS examinations. • Involved in other academic activities of Division related to Academic and Research. • - Educational/ Exposure tour of UG students to PAU.
6.	Dr Deep Ji Bhat Assistant Professor	14 years Area of expertise: Fruit Production (Orchard management practices: nutrition, growth regulators)	<ul style="list-style-type: none"> • Qualified NET conducted by ICAR • Fellow Indian society of hill agriculture • Recipient of outstanding professional award by Indian society of hill agriculture during 2011 • Received certificate of appreciation for successful conductance of Agri-Fest 2017, 2018 and 2019 SKUAST-J. • Received certificate of Appreciation for successful conductance of National conference and National seminar by SIDAVES and RASSA during 2018 and 	<ul style="list-style-type: none"> • Evaluating the learning outcomes of the students through various evaluating techniques viz., class presentations, assignment, quiz, discussion, practical demonstrations etc. • Preparation of practical manuals, booklets as a study material for students. • Guiding U.G students as advisor for successful completion of their degree programme. • Acted as a major advisor, committee member and Dean’s nominee of various PG students.

			2019 at SKUAST-J.	<ul style="list-style-type: none"> • Involved in teaching of theory and practical classes of UG, BAT and PG students. • Guided four M.Sc students and one Ph.D Student and helped them in publishing the research papers. • As Incharge extension of Division guided/exposure to PG students regarding kissan mela and other activities relating project work at farmers field. • Involvement in extra-curricular activities of students: Organizing divisional level functions of Teacher's day, new year day etc. • Committee member of Agri-fest for guiding the students for various other activities. • Guiding RAWE students for practical demonstration in field • Exposure of my PG students allotted to different villages in village visit and revisit programme during 2020-21. • Updation and compilation of package and practices of Division of Fruit Science for regional knowledge of fruit crops to students. • Attended online credit and thesis seminars of PG students during lockdown programme.
7.	Dr. Akash Sharma Asstt. Professor	13 years	<ul style="list-style-type: none"> • Developer of mango variety "Jammu Mango (Selection-05), (Principal Breeder) released and notified by the Central Sub-Committee on Crops 	<ul style="list-style-type: none"> • Delivering the lectures on PowerPoint presentation through zoom meetings to the UG and PG students during the Lockdown period.

		<p>Standards, Notification and Release of Varieties for Horticultural Crops, Ministry of Agriculture and Welfare, Government of India, 2018 (State Variety).</p> <ul style="list-style-type: none"> • Received Appreciation letters from Hon'ble Vice Chancellor, SKUAST-Jammu and Director Research SKUAST-Jammu. • Recipient of Young Horticultural Scientist Award-2019 by Society for Horticultural Research and Development in Indian Horticulture Summit – 2020 • Recipient of Young Horticulturist Award-2019 in the field of horticulture awarded in the International Conference at DrY.S.Parmar University of Horticulture and Forestry, Solan, H.P, India • Recipient of Young Scientist Award-2017 in the field of Fruit Science in the International Conference at Banaras Hindu University, Varanasi, U.P, India. • Awarded with best paper in the oral presentation by ICAR-National Research Centre for Litchi, Mushahari, Bihar in 2017. • Awarded with first prize in poster presentation by Indian Ecological Society on Natural Resource management: Ecological Perspectives at SKUAST-J, Chatha-Jammu in 2016. 	<ul style="list-style-type: none"> • Evaluating the learning outcomes of the students through various evaluating techniques viz., class presentations, assignment, quiz, discussion, practical demonstrations etc. • Conducted theory and Practical Examination of PG and BHT students of Fruit Science. • Attended Synopsis credit, and thesis submission seminars of PG students of Fruit science. • Contributed in teaching of UG and PG students and guided six MSc and one PhD student as a Major Advisor and published their research in high impact journals of above >6 NAAS Rating. • Established twelve demonstrations of high density plantations on mango and guava. The technology developed on high density is incorporated in package & practices. • Associated with the Organic Farming Research Centre (OFRC), Chatha and established High Density Organic Orchards of Mango, Guava, Pear, Aonla and Pecan for practically demonstrating the concepts to the students. • Remained associated with the work related to “Package of Practices” of Fruit Crops, Division of Fruit Science, SKUAST-Jammu.
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Division of Agronomy				
1.	Dr. B.C.Sharma Professor & Head	33 Years Area of Expertise • Cropping System, • Nutrient management • Resource Conservation • Weed Management • Precision Farming	<ul style="list-style-type: none"> • Best Teacher Award by the Society for Scientific Development in Agriculture and Technology in GRISAAS-2015 • Innovative Team Award by Society for Integrated Development of Agriculture, Veterinary and Ecological Sciences in National Conference held on 2018 	<ul style="list-style-type: none"> • Designed Course curriculums at UG/PG levels in the discipline of Agronomy • Used audio-visual aids and field trip techniques with the aim of giving students the basic concept of various topics under study • Established and strengthened weed museum cum weed control laboratory to provide ever ready and illustrative identification of various weeds for keeping the students updated in respect of any new development in weeds • Established Divisional library which is of great help to the PG students of the division • Established crop cafeteria for UG students • Developed 5 Lab manuals and course materials for UG/PG teaching • Instructor for UG students to give them practical/field experience of raising various kharif and rabi crops • Supervised M.Sc./Ph.D students as Major Advisor • Continuous evaluation of students • Conducted practicals focused to give hands on experience • Delivered special lectures to students preparing for NET & ARS examinations

2.	Dr. Meenakshi Gupta Associate Professor	16 Years Area of Expertise • Crop Production, • Nutrient management • Bio -fortification • Resource conservation technologies	<ul style="list-style-type: none"> • University Merit Scholarship in Ph.D. • Qualified NET conducted by ICAR in 2001 • Award SCSI Special Research Award 2019. Conferred by Soil Conservation Society of India on 29.12.2020 during 29th National Web Conference on “Sustainable Soil and Water Management for Bio diversity Conservation, Food Security and Climate Resilience held on 29-30th Dec.2020 	<ul style="list-style-type: none"> • Developed Lab manuals and course materials for UG/PG teaching • Instructor for PCP courses for UG students to give them practical/field experience of raising various kharif and rabi crops • Supervised M.Sc./Ph.D students as Major Advisor • Used audio-visual aids for making teaching and learning more effective • Continuous evaluation of students • Conducted practicals focused to give hands on experience • Delivered special lectures to students preparing for NET & ARS examinations
3.	Dr. Neetu Sharma Associate Professor	16 Years Area of Expertise • Crop Production, • Nutrient management • Weed Management	<ul style="list-style-type: none"> • University Merit Certificate in Ph.D. • Award REVIEWER EXCELLENCE AWARD in recognition of significant and outstanding contribution to the Journal (Indian Journal of Agricultural Research, Agricultural Reviews) on 23rd May, 21st July,2020,5th September,2020 for reviewing the article 	<ul style="list-style-type: none"> • Developed Lab manuals and course materials for UG/PG teaching • Established crop cafeteria for UG students • Assisted in the establishment of Divisional library • Instructor for UG students to give them practical/field experience of raising various kharif and rabi crops • Supervised M.Sc./Ph.D students as Major Advisor • Used audio-visual aids for making teaching and learning more effective • Continuous evaluation of students • Conducted practicals focused to give hands on experience • Delivered special lectures to students preparing for NET & ARS examinations

4.	Dr. Manpreet Kour Assistant Professor	15 years Area of Expertise <ul style="list-style-type: none"> • Crop management • Nutrient management • Crop Simulation modeling • Fodder and grass Management • Recycling of animal waste 	<ul style="list-style-type: none"> • Gold medal in M.Sc. • University Merit Certificate in Ph.D. • Qualified NET conducted by ASRB in 2005 and 2006 • Awards • Excellence in teaching award in 2017 in International conference society for bioinformatics and biological sciences on Recent trends in bioinformatics and biotechnology for sustainable development during 12-13, October, 2017 at SKUAST-Jammu, FVSc & A.H,R.S Pura, Jammu • Best oral presentation award 2017. International conference society for bioinformatics and biological sciences on Recent trends in bioinformatics and biotechnology for sustainable development during 12-13, October ,2017 at SKUAST-Jammu, FVSc & A.H,R.S Pura, Jammu • e- poster presentation award 2020 presented in two-day e- conference on 'COVID-19 Pandemic : Emerging Challenges and Future Strategies held on 27th -28th November, 2020. Organized by Kanya Maha Vidyalaya, Jalandhar. • Poster presentation award 2020. presenting e-poster in two-day International E-Conference on “Agriculture and Biological Sciences (I-E-CABS-2020)” during December 18-19, 2020. organised by SBBS and ARD 	<ul style="list-style-type: none"> • Developed Lab manuals and course materials for UG/PG teaching • Established Fodder cafeteria for UG students • Assisted in the establishment of Divisional library • Instructor for UG students to give them practical/field experience of raising various kharif and rabi crops • Supervised M.Sc. student as Major Advisor • Used audio-visual aids for making teaching and learning more effective • Continuous evaluation of students • Conducted practicals focused to give hands on experience to students in experiential learning on Experimental animal farm, Division of ILFC,FVSc & A.H, SKUAST-J, R.S.Pura.
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5.	Dr Rakesh Kumar Asstt. Professor	08 years as Agronomist Area of Expertise • Crop Production • Nutrient management • Cropping system	<ul style="list-style-type: none"> • Scientist Associate Award conferred by the executive committee at National Conference on Global Research Initiatives for Sustainable Agriculture and Allied Sciences (GRISAAS-2015) during 12-13 December, 2015 held at Rajmata Vijayraje Scindia Krishi Vishwa Vidyalya, Gwalior, MP • Young Scientist Award conferred conferred by Society for Scientific Development In Agriculture and Technology in International conference on Global Research Initiatives for Sustainable Agriculture and Allied Sciences held at MPUAT-RCA, Udaipur, Rajasthan during 02-04, December, 2017 	<ul style="list-style-type: none"> • Developed lab manuals pertaining to UG/PG courses • Developed practical manuals on Crop Production Technonology (<i>Rabi Crops</i>) during 2018 • Instrumental in the formation of manual on Technology Park at a Glance released by the University. • Used audio-visual aids for making teaching and learning more interactive and more effective: • Presently Major Advisor of one M.Sc.(Ag) Agronomy student (On Roll) • Continuous evaluation of Students Through Theoretical and practical examinations at different times, innovative assignments and viva voce. • Conducted practical's with prime focus on hand on experience: Taking students on the fields and in the Laboratories to show the different scientific phenomena/principles involved in a particular process.
Division of Sericulture				
1	Dr. Kamlesh Bali Associate Professor	16 Years Area of expertise: - Silkworm rearing	<ul style="list-style-type: none"> • Member Board of studies • Member of Faculty of Agriculture 	<ul style="list-style-type: none"> • students of Entomology and sericulture as Major Advisor • intensive interactions with students for effective teaching and learning process. • Prepared Lac insect and product Museum. • Used online platforms such as Zoom app, Google meet etc. for teaching during COVID pandemic lockdown

Division of Plant Breeding and Genetics				
1.	Dr. S.K. Gupta Prof. and Head	33 years Area of expertise: - Brassica- Breeding and Genetics	<ul style="list-style-type: none"> • Merit Scholarship during M.Sc Programme • ICAR Fellowship during Ph.D. Programme. • Post-Doctoral Fellowship from BOSE Institute Calcutta from 1992-94 • President of Indian Ecological Society • Awarded Young Scientist Award by the State DST • Fellow of Indian Society of genetics and Plant Breeding • Expert for the selection of the Professors in CSK HPKVV Palampur • Expert for the selection of the Professors in Modipuram Agricultural University • Nominated as a Expert for the selection of Professor/Chief Scientist in ASRB New Delhi • Established School of Biotechnology • Established AICRP on Rapeseed Mustard • Chairman of Board of PG studies • Member of the Academic Council • Member of the Faculty of Agriculture • Member of the Board of Management • Chairman of the CAS Committee 	<ul style="list-style-type: none"> • Developed eight varieties in <i>Brassica napus</i>, <i>Brassica juncea</i>, <i>Brassica campestris</i> • <i>Brassica napus</i>- DGS-1, RSPN-25 • <i>Brassica juncea</i>-RSPR-01, RSPR-03,RSPR-69 • <i>Brassica campestris</i>(Toria)-RSPT-1, RSPT-2 and RSPT-6 • Book published: 08 • Breeding Oilseed Crops for Sustainable Production - Opportunities and Constraints, Elsevier Press, Academic press • Biotechnology of Crucifers Springer Science + Business media, Springer street, New York. • Technological innovation in major world oil crops, Vol. 1, Springer Science + Business media, Springer street, New York • Technological innovation in major world oil crops, Vol. 2, Springer Science + Business media, Springer street, New York • Biology and Breeding of Wild Crucifers, CRC Press • Recent Advances in Oilseed Brassicas Kalyani Publishers • Plant Breeding-Theory and Techniques Agrobios Publishers • Practical Plant Breeding Agrobios Publishers • Academic programme: • Initiated UG progarmme B.Sc Biotechnology,

				<p>M.Sc. Biotechnology and Ph.D. in School of Biotechnology</p> <ul style="list-style-type: none"> Established Molecular Lab in School of Biotechnology Developed Separate Block of Brassica Breeding at Chatha Farm
2	<p>Prof. Bikram Singh Professor/ I/c Dean FoA</p>	<p>37 years</p> <p>Area of Expertise: Wheat and Rice Breeding and genetics Wheat rust Genetics Pulses Breeding</p>	<ul style="list-style-type: none"> Received “CISI award for outstanding research paper” Crop Improv. Society of India Elected Fellow of Indian Society of Genetics & Plant Breeding ISG&PB, Since 1991, As expert of Central Sericulture Res. & Training Inst. Kmr. to evaluate research projects Reviewed for <i>Indian J of Agri. Sciences</i> 2012 Nominated as Member Academic Council of SKUAST-Kashmir, 2013 & 2020 As subject matter expert in ASRB for CAS twice. 2013 Member for screening applications for HoD in ASRB. 2014 Evaluator for ARS main examinations of ASRB, ICAR for 2014 Attended Course on Orientation for Plant Genetic Resources (PGR) Acted as external member Academic council of SKUAST-Kashmir during 2020. 	<ul style="list-style-type: none"> Developed Manual on Principals of Plant Breeding and Manual on Principals of Genetics Organised 2nd Agricultural Science Congress on “Sustainable Hill Agriculture for Food and Livelihood Security Technological Innovations, Opportunities and Challenges” in 2012 and published Proceeding Development of Tissue culture and Molecular seed testing laboratory in Division Published Compedium: On Hybrid Seed Production of Agricultural Crops Updated knowledge by Attended Training on Plant Breeding Methodology-Today & Tomorrow at PAU Policies and Emerging Intellectual Property Rights (IPR) issues
3	<p>Dr. Ravinder Singh Sudan Associate Professor (PBG)/ Incharge</p>	<p>16 years</p> <p>Area of expertise: Plant Breeding and Genetics</p>	<ul style="list-style-type: none"> Certificate of Appreciation by SIDAVES, Director Research SKUAST-J. Certificate of Appreciation by SAMETI, Director SAMETI-J. 	<ul style="list-style-type: none"> Supervised M.Sc Students as Major Advisor. Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective. Continuous evaluation of students. Conducted practical’s with prime focus on hand

	Maize Research Station Udhampur		<ul style="list-style-type: none"> • Certificate of Appreciation by DEAN SKUAST-J. • Certificate of Appreciation by Vice- Chancellor, SKUAST-J. 	<ul style="list-style-type: none"> • on experience. • Collection, evaluation and maintenance of local and exotic germplasm. • Maintenance of Maize breeding material (inbred lines). • Seed Production of Maize, Oats, Sesamum, Mustard, Wheat, Paddy and Pulses etc. • Delivered Lectures for SAMETI. • Delivered Radio Talks • Published Manual on Maize Cultivation in J&K. • Published two Book Chapters. • Co-ordination of officer's monthly workshop for Udhampur, Reasi and Ramban districts.
4	Dr. Praveen Singh Assistant Professor	15 years Area of expertise: -Plant Breeding	<ul style="list-style-type: none"> • University merit scholarship in M.Sc. • Certificate of Appreciation from Pradhan Mantri Kausal Vikas Yojana (PKVY), Nodal Officer, 39 RR (Grenadiers) • Excellence Research Teaching Award, Indian Society of Genetics, Biotechnology Research & Development • * Excellence in Research Award, Astha Foundation GRISAAS-2017 	<ul style="list-style-type: none"> • Developed Maize Manual pertaining to maize research • Supervised M.Sc./ B.Sc. Students as Major advisor • used audio-visual aids and smart classes online for making teaching and learning interactive and more effective • *Continuous evaluation of students • *conducted practicals with prime focus on hand on experiences
5	Dr. Subhash Chander Kashyap Asstt. Professor	13 years Area of expertise: - Breeding field crops - Plant Tissue culture	<ul style="list-style-type: none"> • University merit scholarship in PhD. • Qualified National Eligibility Test (NET) conducted by Indian Council of Agricultural Research (ICAR), New Delhi. • Young Scientist Award (above 35 yrs) 2017, conferred by Indian Society of Biotechnology, Genetics and Plant Breeding (Regd) 2017 	<ul style="list-style-type: none"> • Supervised, B.Sc.(Hons.)Agriculture as Major Advisor • Supervised M.Sc./Ph.D. students as Major Advisor, minor advisor and Dean's nominee. • Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective

			<ul style="list-style-type: none"> •Nominated as an external examiner for practical examination by Rohelkhand University Bareilly U.P. 13-14th June, 2016. •Nominated as an external examiner for practical examination by Rohelkhand University Bareilly June 22nd 2017 •Nominated as an external examiner for practical examination Rohelkhand University Bareilly U.P. 19th Feb, 2018 and 1st July, 2018 •Nominated as an external examiner for practical examination Rohelkhand University Bareilly U.P 19th January, 2019 •Acted as paper setter for SKUASK-Kashmir 2018 •Acted as paper setter for CSKHPKV- 2019 •Acted as paper setter for SKUASK-Kashmir 2020 •Reviewer of Journal of Cotton Research CCS HAU Hisar 	<ul style="list-style-type: none"> • Co-edited books on Plant Breeding and Genetics • Arranging Conduct of practical's with main focus on hand on experience. •Contributed toward Development of university RRI •Arranged special lectures and activities for NSS students •Field demonstration on hands on session for crossing techniques in field crops •Contributed towards the development of Rice varieties SR-4 and SR-5
Division of Food Science Technology				
7.	Dr. Anju Bhat Professor	20 years Experience in Post harvest technology of fruits and vegetables	NET Qualified	<ul style="list-style-type: none"> • Associated with release of varieties of mango developed by SKUAST-Jammu. • Acted as External Subject Expert in Board of Studies in Food Science & Technology of Cluster University of Jammu. •Monitoring with Grant-in-aid project as seed capital for multi product line in Food Processing Training Centre funded by Ministry of Food Processing Industries, GOI, Delhi. • Developed Practical Manual on Food Quality Evaluation.

				<ul style="list-style-type: none"> • Prepared Package and Practice of Food Processing Technologies, • Prepared vision document on “Prospects and potential of value addition in Jammu and Kashmir to substantially increase the farmers income and Employment” • Supervised M.Sc and Ph.D students. • As Head of the Division monitoring overall teaching, research, extension, laboratories and preparation of documents.
8.	Dr. Jagmohan Singh Professor	20 years Experience in processing of fruits vegetables and waste utilization.	University Fellowship	<ul style="list-style-type: none"> • Acted as External Subject Expert in Board of Studies in Food Science & Technology of Cluster University of Jammu • Nominated as Technical Advisor for introduction of Skill Course in Food Technology at Govt. Degree College, Samba • Developed Practical Manual on Food Quality Evaluation • Prepared “Package of Practice on “Food Processing Technologies” • Prepared vision document on “ Prospects and Potential of Value Addition in Jammu and Kashmir to Substantially Increase the Farmers Income and Employment” • Maintaining processing laboratory of the division. • Acted as Incharge Quality Control Laboratory • Involved in preparing processed products for sale counter • Supervised M.Sc and Ph.D students

9.	Dr. Julie Dogra Bandral Associate Professor	16 years Area of expertise: processing and value addition of fruits/vegetable/cereals/legumes/pulses	<ul style="list-style-type: none"> • University merit scholarship in MSc and PhD forestry. • Certificate of Honour in BSc and PhD 	<ul style="list-style-type: none"> • Maintaining processing laboratory of the division • Involved in preparing processed products for sale counter • Teaching, research and demonstration of developed technologies to field functionaries • Prepared “Package of Practice on Food Processing Technologies” • Prepared vision document on “<i>Prospects and Potential of Value Addition in Jammu and Kashmir to Substantially Increase the Farmers Income and Employment</i>” • Guiding MSc and PhD students of Food Science & Technology as Major Advisor
10.	Dr. Monika Sood Assistant Professor	14-years Area of expertise: - Post harvest management and Value addition of Cereals, legumes, oilseeds, fruits/vegetables -Waste and by-product utilization	<ul style="list-style-type: none"> • University Gold medal in Doctoral programme • Certificate of Honours in B.Sc. and Ph.D. 	<ul style="list-style-type: none"> • Maintaining PG Lab of the Division • Teaching, research and demonstration of developed technologies to field functionaries. • Prepared vision document on “Prospects and potential of value addition in Jammu and Kashmir to substantially increase the farmers income and Employment” • Prepared Package of Practice on “Food Processing Technologies” • Guiding M.Sc. and Ph.D. students of Food Science and Technology as Major Advisor • Acting as Building Incharge of the Division

11.	Dr. Neeraj Gupta Assistant Professor	12years 10 months Area of expertise: - Post harvest management and value addition of fruits	<ul style="list-style-type: none"> • Gold medalist in MSc Horticulture(Fruit Production and PHT) • University merit scholarship in Ph.D • Received YOUNG WOMEN SCIENTIST AWARD in International Conference on ‘Advances in Agriculture under Changing Climate Scenario for Sustainable Global Development’ organized by R.S Krishi Shodh Evam Prashikshan Sansthan, IISR-ICAR, Lucknow, University of Allahabad and Susanskriti, PrayagRaj, w.e.f 16-17 Nov., 2019. 	<ul style="list-style-type: none"> • Guiding M Sc. And Ph D students of Food Science and Technology as Major Advisor • Acting as building incharge of the division. • Maintaining PG lab of the division. • Developed lab manual. • Prepared vision document of the FST division. • Prepared package and practices on food processing technologies. • Acted as Nodal officer, made arrangements and planning of All India Educational Tour Programme for 4th year students of B.Sc (Hons.) and Agril/B.Tech (Biotechnology) Batch, 2016.
Division of Entomology				
12.	Dr. Rakesh Kumar Gupta I/c Prof. & Head	21 years Area of expertise: Economic Entomology Biological control Ecological Engineering Bioremediation	<ul style="list-style-type: none"> • Honors& Awards: 1st position in Plant protection in B.Sc. : Certificate of Honour in M.Sc. and Ph.D: Young scientist Award by J&K Govt (2001): International MASHAV Fellowship by Govt. of Israel in 2007:International VLIR-UOS Fellowship by Belgium Govt. in 2009:Best Poster Award National symposium 2013, Best Poster Award ,National entomologist meet,2015;Best Poster Award J&K AgricultureScience Congress, 2015; Distinguished Scientist in Entomology award VIRI, 2017;Best Poster Award NACITI,2018: Mahesh K. Upadhyaya Award, ISWS 2018 • Elected as fellow of Entomological Society of India, Society for bio control advancement, National environmental Science Academy, National Academy of Biological Sciences [NABS], 	<ul style="list-style-type: none"> • Proactive professor and researcher with having vast teaching experience on undergraduate and postgraduate levels mentoring and guiding many M.Sc and Ph.D. students • Dissertations in obtaining National fellowships. • Possess Scientific skills on economic aspects of entomology and designing and refining many courses for UG and PG as member board of studies. • Imparting excellent verbal, oral, interpersonal and written communication skills besides strong analytical, problem-solving, and decision-making capabilities to plan and deliver quality education.

			<ul style="list-style-type: none"> • Member of team of excellence in bio control in India and international member of working group of international organization of biological control, Task force member in Department of Biotechnology and National Innovation Foundation India. 	<ul style="list-style-type: none"> • Maintaining Entomophage Park for teaching, research and demonstration • Prepared Manuals and E notes on Entomology • Guiding M Sc. And Ph D students of Entomology and sericulture as Major Advisor • intensive interactions with students for effective teaching and learning process. • Prepared Lac insect and product Museum. • Used online platforms such as Zoom app, Google meet etc. for teaching during COVID pandemic lockdown
13.	Dr. R. S. Bandral Professor	21 years Insecticide Toxicology	<ul style="list-style-type: none"> • Member Board of studies • Member of Faculty of Agriculture • University award in elective • University merit scholarship in Ph D Ento • Belgium Govt fellowship • International training on Bee keeping at Belgium 	<ul style="list-style-type: none"> • Imparting excellent verbal, oral, interpersonal and written communication skills besides strong analytical, problem-solving, and decision-making capabilities to plan and deliver quality education. • Maintaining Entomophage Park for teaching, research and demonstration • Guiding M Sc. And Ph D students of Entomology and sericulture as Major Advisor • intensive interactions with students for effective teaching and learning process. • Prepared Lac insect and product Museum. • Used online platforms such as Zoom app, Google meet etc. for teaching during COVID pandemic lockdown

14.	Dr. Uma Shankar Associate Professor	16 Years Area of expertise: - IPM	<ul style="list-style-type: none"> • Steel Authority of India (SAIL) – Bokaro Steel City Merit Scholarship during B.Sc. (Ag.) & (A.H.) programme • University Grant Commission (UGC) – JRF & SRF fellowship during Ph.D. programme • Qualified National Eligibility Test (NET 1999) conducted by ICAR • Delivered Sixteen (16) TV talks on ETV Uttar Pradesh & Uttarnchal on “Major pest of various crops and their management” during 2003-05. • Life Fellow of Entomological Society of India (2012) • Life member Indian society of Vegetable Science, IIVR, Varanasi since 2011 • Life member SIDAVES (2018) • Life member Agrometeorological society (2019) LM-1347 • Bagged First Prize in poster presentation in 2nd J&K Agriculture Science Congress 17-19 December 2012 • Expert in the panel for setting question papers for entomology and sericulture at PAU Ludhiana, JNKVV Jabalpur, SKUAST-K, Palampur, Lovely Professional University (LPU) Jalandhar • Experts in panel for viva voce examination at BHU and SKUAST-K. • Member of editorial board of SKUAST-J Newsletter (2010 & 2011) • Edited Book on IPM Principles & Practice for CAB international during 2012 	<ul style="list-style-type: none"> • Using audio-visuals aids for teaching • Field demonstration on identification and diagnosis of insect pests to the B.Sc. final year students in experiential learning Plant Clinic programme • Developed Manuals for UG students • Developed Curriculum for UG and PG students • Guiding M Sc. and Ph D students of Entomology as major guides • Prepared insect museums and maintaining the UG laboratory • Used online platforms such as Zoom app, Google meet etc. for teaching • Member Secretary, UG Faculty of Agriculture • Management committee member for 5 years to upgrade the University Guest House, Rail Head complex
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			<ul style="list-style-type: none"> • Received Excellence in Research Award-2017 by Samgra Vikas Welfare society (SVWS), Lucknow for excellent contribution in the field of Agriculture and Allied w.e.f 10-11 February 2018. • Appreciation letter received by Director Agriculture, Jammu for delivering a series of lecture (08 lectures) on “Development of Agriprenurship for Doubling the Farmers’ Income” organized by Department of Agriculture, Directorate of Agriculture, Jammu w.e.f. 24 October to 16 November, 2017 under MIDH training. • Appreciation letter received from Society for Integrated development of Agriculture, Veterinary and Ecological Sciences (SIDAVES) for contribution made as a member of Food & Hospitality Committee in National Conference on Innovation Technological Interventions for doubling farmers Income (NaCITI-2018) w.e.f 8-10 february, 2018. • Received certificate of Appreciation for organizing National seminar on Smart Technologies to boost Farm profitability and Socio economic status of Rural India organized by RASSA, New Delhi w.e.f. 19-20 Novenber, 2018. • Appreciation letter received by Director Agriculture, Jammu for delivering lectures on “Need of diversification in farming for Doubling the Farmers’ Income” organized by Department of Agriculture, Directorate of Agriculture, Jammu w.e.f. 27 Nov. to 01 Dec. and 10-14 December, 2018 under NMAET training. 	
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			<ul style="list-style-type: none"> • Letter of Appreciation received from Dean, FoA, SKUAST-J for evaluating the synopsis of M.Sc and Ph. D students, compilation of Annual Report and student's magazine. • Invitation from Oxford Research Encyclopedia (ORE) for Agriculture & Environment to write on Integrated Pest management 	
15.	Dr Amit Kumar Singh Associate Professor	16 Years Area of expertise: - IPM of insects and mite pest	<ul style="list-style-type: none"> • Awarded merit fellowship during Ph. D. From BHU • Certificate of Appreciation by SIDAVES, at National Conference of Innovative technological Interventions for Doubling Farmers Income at SKUAST-Jammu • Appreciation award in National symposium RASSA-New Delhi 	<ul style="list-style-type: none"> • Prepared Manual for UG students. • Chairman of advisory committee of M Sc. and Ph D students of Entomology. • Continuous interactions with students for effective teaching and learning process. • In charge of Divisional Experimental Farm Chatha to facilitate M.Sc. and Ph. D. students for laying out of field trials • In charge technology park • Member of Board of Studies and Faculty of Agriculture involved in adoption/modifications of curriculum for UG as per Deans' Committee reports to enable academic excellence • Used online platforms such as Zoom app, Google meet etc.for teaching during COVID pandemic lockdown
16.	Dr. Devinder Sharma Assistant Professor	14 years Area of expertise: Apiculture Economic Entomology	<p>Young Teacher Award in International Conference on Food security at Kathmandu, Nepal</p> <p>Best Reporting Centre (AICRP Honeybee and Pollinators, SKUAST-Jammu) by ICAR New Delhi</p> <p>Young Scientist Award by Mahima Research Foundation and Social Welfare, Varanasi, UP.</p> <p>Certificate of Appreciation by SIDAVES, at National Conference of Innovative technological Interventions</p>	<ul style="list-style-type: none"> • Prepared practical Manual for UG PG students. • E-Notes digital platform • Chairman of advisory committee of M Sc. and Ph D students of Entomology. • Continuous interactions with students for effective teaching and learning process. • Incharge of Divisional AICRP Honeybee and Pollinators

			<p>for Doubling Farmers Income at SKUAST-Jammu Appreciation award in National symposium on “Ecological Sustainable Plant disease Management under diversified farming situations” organized by SKUAST-Jammu and IPS, IARI-New Delhi Best poster Presentation Award at International Conference on Food security at Kathmandu,Nepal Best paper (Oral) presentation in the Indian Ecological Society International conference SKUAST-Jammu Best paper presentation (Oral) in the XVI AZRA International Conference on " Applied Zoological Research for Sustainable Agriculture and Food Security" at BHU, Varanasi. Best poster (3rd) presentation in the 4th International Conference on Global Approaches in natural resources management for smart agriculture held at Modipuram UP, India</p>	<ul style="list-style-type: none"> • Manager Experiential Learning Unit (Beekeeping) • Facilitate M Sc and Ph D students for laying out of field trials • Member of Board of Studies and Faculty of Agriculture involved in adoption/modifications of curriculum for UG classes as per Deans’ Committee reports to enable academic excellence • Used online platforms such as Zoom app, Google meet etc.for teaching during COVID pandemic lockdown
Division of Plant Pathology				
1.	Dr. S. K. Singh Associate Professor & Head	More than 15 years experience in field of fungal pathology and Integrated Disease Management (IDM)	<ul style="list-style-type: none"> • Awarded JRF scholarship (ICAR) during M.Sc degree programme • Awarded IARI scholarship during Ph.D. degree • Qualified NET, ICAR by ASRB, N. Delhi • Received Excellence Research Teaching Award (2017) by Indian Society of Genetics, Biotechnology Research and Development, Agra • Received Mahima Agricultural Excellence Scientist Award (2017) by Mahima Research foundation and Social Welfare, Varanasi. • Received Fellowship Award (2017) by Society of Biological Sciences and Rural Development, Allahabad 	<ul style="list-style-type: none"> • Developed laboratory manuals pertaining to UG courses • Supervised M.Sc. and Ph. D. students of Plant pathology as major Advisor • Used audio-visual aids for making the teaching more effective • Evaluation of students on continuous basis. • Conducted practical’s to UG and PG students • Used online platforms such as Zoom app, Google meet etc. for teaching during COVID pandemic lockdown

2.	Dr. Sachin Gupta Associate Professor	More than 15 years experience in the field of Mushroom Biology and Biocontrol of plant pathogens	<ul style="list-style-type: none"> • University merit certificate for securing first position in B.Sc. (Ag.) • Gold medal for securing first position in M.Sc. Plant Pathology • University merit scholarship in Ph. D • Qualified National Eligibility Test (NET) conducted by Indian Council of Agricultural Research (ICAR), New Delhi • P.R. Verma Award and Pesticides India Award from ISMPP • Fellowship by Govt. of Netherlands under NFP programme • Summer Research Fellowship by Indian National Science Academy 	<ul style="list-style-type: none"> • Established Experiential Learning Unit on Mushroom Cultivation and Spawn Production • Established Mushroom Biology and Spawn Production laboratory in the Division of Plant Pathology • Developed lab. Manuals regarding Mushroom Cultivation, Plant Virology. • Supervised M.Sc. and Ph. D. students as major Advisor • Providing Hands on training to students regarding Mushroom cultivation and Spawn production • Delivered special lectures for students preparing for NET/ARS Examination
3.	Dr. Ranbir Singh Associate Professor	13 years Area of expertise <ul style="list-style-type: none"> • Plant Virology • Fungal Diseases • Integrated Disease Management 	<ul style="list-style-type: none"> • University merit scholarship • Qualified National Eligibility Test (NET) conducted by Indian Council of Agricultural Research (ICAR), New Delhi 	<ul style="list-style-type: none"> • Established molecular Plant Pathology Lab • Developed laboratory manuals pertaining to UG/PG courses • Developed teaching aids for UG students • Supervised M.Sc. and Ph. D. students as major Advisor • Used audio-visual aids • Conducted practical's to UG and PG students
4.	Dr. A. K. Singh Assistant Professor	16 Years Area of expertise: -Plant Pathology - Fungal Pathology -Diagnosis of plant diseases - Phytoplasma plant diseases	<ul style="list-style-type: none"> • Appreciation certificate from Society of Biological Sciences and Rural Development, Prayagraj (U.P.). • Young Scientist Award 2012 received from Bioved Research Society, Prayagraj. 	<ul style="list-style-type: none"> - Supervised M.Sc. and Ph. D students as a major advisor. - Evaluation of Students through examination. - Developed practical manuals for UG/PG students. - Used online plate form for making teaching and learning more interactive and effective.

Division of Vegetable Science and Floriculture			
1.	Dr. R.K. Samnotra Professor & Head	36 years Area of expertise: Vegetable Breeding, Vegetable and Seed Production	<ul style="list-style-type: none"> ➤ Award of monthly Merit Scholarship in UG programme ➤ Honour of certificate of merit (Academics) UG programme (B.Sc. Agri.) ➤ Award of monthly UNDP Fellowship PG programme M.Sc (Veg. Sci. & Flori.), HPKV, C.O.A, Solan ➤ Certificate of honour (Gold Medal) Master's programme (M.Sc Veg. Sci & Flori),HPKV/YSPUHF, Solan ➤ Award of monthly Merit Scholarship (Ph.D programme), PAU, Ludhiana ➤ Honour of University Merit certificate Department of vegetable Science, PAU, Ludhiana
			<ul style="list-style-type: none"> ➤ Guided PG students: MSc.-04; PhD.-05 (as major advisor) and 20 as Co-advisor ➤ Contributed in development of UG/PG. (Veg. Sci.) programme at vegetable Research Station, Ponichak, SKUAST (J&K) during 1990-91. ➤ Contributed in initiation of Ph.D programme in Vegetable Science during 2006. ➤ Initiated Ph.D programme in Landscape and Floriculture during current academic session (2021). ➤ Modified regional based UG/PG Vegetable courses from 10-15% as per recommendation of 5th Dean's committee. ➤ Developed 1st edition of Package of Practices of vegetable crops (1994) and thereafter upgraded/revised editions in 1998, 2004, 2016 and 2020. ➤ Developed/modified practical/lab manuals for UG/PG Vegetable courses ➤ Developed research based crop-wise manuals, bulletins and pamphlets etc. ➤ Undertook modernization of Divisional laboratories (PR research /PTC lab). ➤ Regular monitoring of PG research/academic activities through divisional research and academics review committees, respectively. ➤ Orientation of PG students for their active participation in research, teaching & extra-curricular activities.

				<ul style="list-style-type: none"> ➤ Counseling of PG students for identification of research areas of their interest ➤ Introduced evaluation of PG students through Power Point Presentation for enhancing their speech skills and overall personality development. ➤ Modernization of class/seminar room with Audio-visual aids ➤ Preparation of key notes of PG courses for competitive examinations (NET, SRF etc.)
2.	Dr. Rajesh K Pandey Professor	20 Years Area of expertise: ➤ Flower Production. ➤ Flower seed production	<ul style="list-style-type: none"> ➤ Received Young Scientist Award in National Conference on “<i>Biotechnology: Resource Management for Sustainable nature in 21st Century</i>” held at Dr. Bhim Rao Ambedkar University, Agra during April 22-23, 2017. 	<ul style="list-style-type: none"> ➤ Students guided as Major Advisor: and Co – Advisor: ➤ Conducting regular field practicals for UG and PG students. ➤ Responsible for modernization of UG lecture theatres for Faculty of Agriculture with audio-visual aids from ICAR development grant. ➤ Associated in the development of practical manual for UG/PG students. ➤ Associated in development of technical bulletin of Floriculture crops ➤ Associated in development and initiation of Ph.D programme in Floriculture and Landscaping
3.	Dr. Sandeep Chopra Professor	20 Years Area of expertise: Vegetable & Spice Production	Awarded “Excellence Research Teaching” award in National Conference on “ <i>Biotechnology: Resource Management for Sustainable nature in 21st Century</i> ” held at Dr. Bhim Rao Ambedkar University, Agra during April 22-23, 2017.	<ul style="list-style-type: none"> ➤ In charge Academics of the division. ➤ Students guided as Major Advisor : 06 (M Sc.) & 01 (Ph. D.) Co – Advisor: 07 (MSc.) & 03 (Ph. D.) As instructor regular field practicals were conducted both for UG and PG students.

				<p>The class room/lecture room of the division was modernized with audio-visual aids from ICAR development grant.</p> <p>Compiled and Edited – Vegetable production: Practical Manual (2017).</p> <p>Developed Student Work Book for Job Role (Solanaceous Crop Cultivator, Class 9th & 10th and Tuber crop Cultivator, Class 11th & 12th) prepared by PSS Central Institute of Vocational Education (A constituent unit of NCERT, under MHRD, GOI)</p>
4.	Dr Satesh Kumar Associate Professor	15 years Vegetable production, Seed production	➤ Recipient of Dwarkanath Memorial Gold Medal for best thesis in Vegetable Science, 2006.	<ul style="list-style-type: none"> ➤ Handling theory and practical classes of PG courses ➤ Supervising B.Sc/M.Sc/ Ph.D students as Major and Minor advisor ➤ Developed vegetable manuals, package of practices, books, mono -graphs and other teaching material for the students
5.	Dr. Manoj Kumar Assistant Professor	15 years Area of expertise: Vegetable Production	1. Young Scientist Gold Medal Award-2010 International Consortium of Contemporary biologists & Madhavi-Shyam Educational Trust, awarded in 3 rd International Conference on “Bio-resource development & Natural Resource Management for Community Upliftment “,(ICBRD & NRMCU) 13-15 th December,2010 held at Ranchi, Jharkhand	<ul style="list-style-type: none"> • Student guided as Major advisor-04 (M.Sc. Ag.) under guidance -01 As Co-advisor-03(M.Sc. Ag.) • As instructor handling theory and practical classes of PG and UG • Compiled and edited-Vegetable production :Practical manual(2017)

			2. Innovative Scientist award in agriculture, Indian Society of Genetics, Biotechnology Research & Development awarded in National Conference on “Biotechnology: Resource Management for sustainable nature in 21 st century” held at Dr. B.R. Ambedkar University ,Agra during April 22-23, 2017.	
6.	Dr. Sanjeev Kumar Assistant Professor	17.5 years Areas of expertise: ✓ Vegetable Breeding ✓ Vegetable and Seed Production	<ul style="list-style-type: none"> ✓ SRF in Ph. D. ✓ DAAD Post Doctoral Fellow, at Institute for Organic Agriculture, University of Bonn, Germany 1`221q ✓ Vice Chancellor/ Director Research’s Appreciation Letter 	<ul style="list-style-type: none"> ✓ Developed practical manuals for UG/PG courses. ✓ Developed Package of Practices of Vegetable Crops. ✓ Supervising M. Sc. and Ph. D. Students as major and Minor Advisor. ✓ Continuously evaluating students performance. ✓ Giving practical training about breeding techniques/evaluation trials etc to PG students. ✓ Vegetable varieties developed and released by State Variety Release Committee/Central Variety Release Committee. ✓ Nucleus/Breeder seed production of vegetable varieties developed by SKUAST-Jammu.
7.	Dr. Anil Bhushan Assistant Professor	14 years Area of expertise: ➤ Vegetable breeding ➤ Plant tissue culture	➤ Received Excellence in Research Award-2020 for outstanding contribution in the field of Vegetable Science at 4 th International Conference on Global Approaches in Natural Resource Management for Climate Smart Agriculture (GNRSA-2020) , 26-28 th February, 2021 by Agriculture Technology Development Society (ATDS) Ghaziabad, Uttar Pradesh, India at Shobhit Deemed University, Modipuram, Meerut, U.P., India	<ul style="list-style-type: none"> ➤ Supervised M. Sc. / Ph D. students as major advisor. ➤ Contributed in development of Student Work Book for Job Role (Solanaceous Crop Cultivator, Class 9th & 10th and Tuber crop Cultivator, Class 11th & 12th) prepared by PSS Central Institute of Vocational Education (A constituent unit of NCERT, under MHRD, GOI)

				<ul style="list-style-type: none"> ➤ Contributed in development of Package of Practices for vegetable crops released by SKUAST-Jammu for benefit of students and other stakeholders. ➤ Used audio visual aids for making teaching and learning more interactive and effective ➤ Assisted in Establishment of Plant Tissue culture lab in the Division and making PG Research lab functional. ➤ Conducted MSC and PhD lab practicals classes as per course curriculum ensuring on hand training and expertise in basic plant tissue culture technology. ➤ Regular monitoring of PG research as member of divisional research review committee
8.	Dr.Arinder Singh Assistant Professor, Floriculture &Landscaping	9 years	<ul style="list-style-type: none"> • Award of university merit scholarship,Dr.YSPHU&F, Solan during Ph.D programme 	<ul style="list-style-type: none"> • Development of lab/practical manuals of floriculture and landscaping UG and PG students. • Development of research based floriculture crop pamphlets/manuals for the students/farmers community • Assisted in the modernization of Divisional laboratories • Assisted in the modernization of class/seminar room using various audiovisual aids • Assisted in the institution of Ph.d Floriculture and landscaping programme (2021) • Assisted in development of course curricula of Ph.d Floriculture and landscaping (2021)

9.	Dr.Nomita Laishram Assistant Professor, Floriculture &Landscaping	9 years	<ul style="list-style-type: none"> • Fellowship ,North East Council,GOI • ICAR, SRF, Floriculture and Landscaping • Confered Gold medal by Himotkarsh Academy. Himachal Pradesh for standing First in Ph.D progarmme • Award of university merit scholarship , Dr.YSPHU&F, Solan 	<ul style="list-style-type: none"> • Development of lab/practical manuals of floriculture and landscaping UG and PG students. • Development of research based floriculture crop pamphlets/manuals for the students/farmers community • Assisted in the modernization of Divisional laboratories • Assisted in the modernization of class/seminar room using various audiovisual aids • Assisted in the institution of Ph.d Floriculture and landscaping programme • Assisted in development of course curricula of Ph.d Floriculture and landscaping started from the year 2021
Division of Agricultural Extension Education				
1	Dr. Rakesh Nanda Professor & Head	35 years Participatory Rural Appraisals, Evaluation, Research Methodology	Community Mobiliser Award	<ul style="list-style-type: none"> • Guiding M Sc. And Ph D students of Division as Major Advisor • Smart classroom teaching facility developed in the division • Teaching material for PGS courses prepared • Field based exercises like campaign, method demonstrations, are conducted regularly • Students are encouraged to write popular as well as scientific articles for national and local newspapers for their overall growth and learning • Working models of innovative technologies, different practices and concepts are made jointly with students for effective learning
2	Dr. Rajinder Peshin Professor	22 years Evaluation and Diffusion Research, Integrated Pest Management Extension, Scaling Techniques in Social Science	<p>Fellow, Indian Ecological Society of India 2016</p> <p>OP Dhama Bhatnagar Award, Indian Society of Extension Education, 2018</p>	

3	Dr. P S Slathia Professor	20 years Training, Extension Management, Identification & Documentation of ITKs	Bhama Shah Award for Pg For securing 1st position in B Sc Ag JS Vidyarthi Memorial Award ISEE, 2020 Yashasvi Samman, RASSA India 2019
4	Dr. L K Sharma Associate Professor	16 years Extension Methods, Diffusion and Adoption of Innovation & Media Production	
5	Dr. Poonam Parihar Assistant Professor	13 years Extension Education, Entrepreneurship Development & Communication	Fellow, ISEE , 2018 Young Scientist Award ISEE Delhi 2017
6	Dr. J S Manhas Assistant Professor	14 years Adoption, Entrepreneurship Development and Impact Assessment	

Division of Soil Science and Agricultural Chemistry				
1.	Dr. Vikas Sharma Professor and Head	19.5 Years Expertise: GIS and Remote Sensing, soil mapping, Soil Carbon studies and soil fertility; Soil Conservation and Land degradation	<ul style="list-style-type: none"> • Raman Fellowship (Post-Doctoral Fellowship) by University Grants Commission, New Delhi. Pursued at West Virginia University, WV, USA. • Fellow of the Soil Conservation Society of India 2019. • Special Research Award 2015 (for work done on C sequestration and its spatial variability at West Virginia University, WV, USA). Soil Conservation Society of India, New Delhi. Received at International conference on “Natural Resource Management for Farming Systems and Rural Livelihood” which was held at New Delhi w.e.f.10-13 Feb.,2015. • Gold Medal. 2013. Soil Conservation Society of India, New Delhi, India. • Best poster presentation award at ‘Planet under pressure 2012’ conference held at London (25-29 Mar., 2012) • ‘Leadership Award 2009’ of Soil Conservation Society of India, New Delhi, India • University Merit Fellowship during Ph.D. at Punjab Agricultural University, Ludhiana, India. 	<ul style="list-style-type: none"> • Preparation of e-notes, power point presentations. • Preparation of short Instructional videos for students. • Preparation of Manuals. • Revised guidelines for allotment of students, made them more rational, while giving opportunity to students to choose Advisors, based on their merit. • Devised course for PhD students. • Conducted external examinations of Under-graduate students including paper setting and evaluation management, supervised and managed entrance examinations etc. • Contributed to the procurement of important equipment in the Division. • Involved in management of laboratories.

				<ul style="list-style-type: none"> • Procured GIS and RS software for education and research activities of students including teaching them about these modern tools. • Successfully guided M.Sc. and Ph.D. students. • Two of my Master's students received Student Incentive Awards for their Masters Research work.
2	Dr. AK Mondal Professor	27 years Expertise: Micronutrients	<ul style="list-style-type: none"> • University Merit Scholarship throughout UG studies • ICAR Junior Fellowship during PG studies • Senior Research Fellowship of Govt. of West Bengal during Ph. D. work. • Senior Research Fellowship of CSIR, New Delhi during advanced Ph D work. 	<ul style="list-style-type: none"> • Guided M.Sc. and Ph.D. students • Examination Question Paper Setting: Course SSAC 121 & 221 (OUAT, Bhubneswar, Orissa) • Ph D Thesis Evaluation (BHU, Varanasi, UP & BCKV, Mohanpur, WB). • Reviewed research publication manuscripts • Handling of sophisticated equipment: Atomic Absorption Spectrophotometer

3	Dr.K.R.Sharma a Professor	30 years Soil Physics	<ol style="list-style-type: none"> 1. University merit scholarship at UG level. 2. Visiting scientists for soil and water conservation at other State University USA 	<ol style="list-style-type: none"> 1. Developed lab manual pertaining to UG/PG courses. 2. Supervised M.Sc/Ph.D students as Major advisors. 3. Compiled RRI of the University as Dy. Registrar (Academics). 4. Developed lab facilities and other information of the Division as HoD. 5. Strengthened teaching facilities in the division as HoD.
4	Dr.Peeyush Sharma Associate Professor	17 years Soil Physics, mainly tillage aspects, Biochar	<ul style="list-style-type: none"> • Awarded one years Postdoctoral Research training awarded by Government of Israel at Agricultural Research Organization, Institute of Soil, Water and Environment Sciences, The Volcani Centre, Bet Dagan, Israel w.e.f Nov 2013 to Oct 2014 • Awarded 2nd prize in poster presentation in IInd J&K Agri Science Congress held from 15-17th Dec, 2012 SKUAST-J 	<ul style="list-style-type: none"> • Teaching & guiding UG and PG students. • Development of resource material for students. • Managing Laboratory.
5	Dr. Vikas Abrol Associate Professor	17 years Dryland farming, Nanotechnology in Agriculture	<ul style="list-style-type: none"> • Awarded Postdoctoral research fellowship for one year by Ministry of Agriculture, State of Israel to pursue research atVolcani Centre, Agricultural Research Organization, Israel. • Awarded research fellowship for one academic year inVolcani Centre, Agricultural Research Organization, Israel to pursue research on “Efficacy of synthetic polymers (Anionic PAM) on infiltration and soil loss”. • Best Paper Award-2015 for Best Paper in National Seminar organized by Society for Community Mobilization, IARI, New Delhi • Best Research Paper 2015 in Indian Journal of Soil Conservation, in Soil Science and Agronomy 	<ul style="list-style-type: none"> • Teaching UG and PG students. • Guiding PG students. • Managing Divisional fields where student carry out research work.

6	Dr. Vivak M Arya Assistant Professor(Senior Scale)	12 years in teaching, research and extension Area of expertise: Natural Resource management ,Climate Change and Nitrogen And Carbon management	<ul style="list-style-type: none"> • Qualified ASRB NET • Best research award in National workshop on Natural resource management for sustainable hill agriculture for paper entitled Response of fertilizer application on grains yield and nutrient uptake in rice growing inciptisols, at SKUAST-J, 9th -10th November 2006. • Best research paper award at National Symposium on “Natural Resource Management and Sustainable Hill Farming System for Livelihood Security” for paper entitled “Agro climatic Zonation of Jammu Province using GIS” at SKUAST –Jammu, July 23rd -24th 2014. • Special research award for contribution in NRM, Soil quality and Climate change by Soil Conservation Society, New Delhi. 2015. • Best research paper award at National Seminar on “Sustainable Rural livelihood: Technological and Institutional perspective” for the research paper “Portfolios of Climate Resilient Agricultural Practices viz-a-viz Conservation Agriculture: learning for Scaling from Plot to landscape at NICRA villages” at SKUAST Jammu, January 8th - 10th 2015. • Best research paper award at International Conference New Delhi on “Natural Resource Management for Farming Systems and Rural Livelihood “for the research paper poster “Impact of Soil; based Conservation Agricultural Practices.....for Livelihood Security” at New Delhi, 10th -13th Feb. 2015. • Best research paper award at 4th J&K Agriculture Science Congress in theme: Climate Resilient crop improvement system for enhancing productivity at SKUAST Jammu, 28th -30th Oct. 2015. • Best research poster award at International conference on Natural Resource management: Ecological perspective presented paper: Effect of added phosphorus, organic matter and moisture regimes on phosphorus adsorption in soils of various agro climatic zones of Jammu region at SKUAST –Jammu, 18th - 20th Feb, 2016. 	<ul style="list-style-type: none"> • Developed e notes for UG • Developed Lab manuals for UG students • Continuous guidance of students(UG,MSc, PhD) • Trained students for ICAR PG exam and students qualified NET and ICAR exam • Popularization of LCC, • Popularization of RCT technologies in Shivaliks • Popularization of climate smart agriculture practices • Demonstration of different water and soil enhancement technological modules • Continuous evaluation of UG/MScv& PhD students • Direct linkage with allied departments ,farmers and different stake holders
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			<ul style="list-style-type: none"> • Best research paper award in 26th National conference on “Natural Resource Management for Climate Smart Sustainable Agriculture at CPGS, CAU campus, Barapani, Shillong from 11th to 13th September, 2017. • Best research paper award in National conference on "Impact of agricultural technologies in enhancing growth and income” at SKUAST – J from 23rd to 24th October, 2017 • Best research paper award in National conference on “Innovative Technological Interventions for Doubling Farmers Income” organized at SKUAST-J from 08th to 10th February, 2018. • Best research paper award in two days ‘National seminar on “Smart technologies to boost farm profitability and socio economic status of rural India” jointly organized by Sher-e-Kashmir university of Agricultural Sciences & Technology (SKUAST) Jammu and Royal Association for science led socio-cultural advancement (RASSA) 19th -20th November 2018 at SKUAST -J. • Best research paper award in National conference on “Farmers’ Friendly Soil and Water Conservation Technologies for Mitigating Climate Change Impact” jointly organized by Soil Conservation Society of India (SCSI) New Delhi & ICAR-Indian Institute of Soil and Water Conservation Regional Centre, 31st Jan. – 02nd Feb. 2019 at Ooty. • Best research paper award in National conference on “Women Empowerment through Agro-Entrepreneurship for Livelihood Security” organized by Society for Integrated Development of Agriculture, Veterinary and Ecological Sciences (SIDAVES) 7th to 8th Feb. 2019 at SKUAST –J. • Best research paper award at National Symposium on “Natural Resource Management and Sustainable Hill Farming System for Livelihood Security” for paper entitled “Agro climatic Zonation of Jammu Province using GIS” at SKUAST –Jammu, July 23rd -24th 2014. 	
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			<ul style="list-style-type: none"> • Special research award for contribution in NRM, Soil quality and Climate change by Soil Conservation Society, New Delhi. 2015. • Best research paper award at National Seminar on “Sustainable Rural livelihood: Technological and Institutional perspective” at SKUAST Jammu, January 8th -10th 2015. • Best research paper award at International Conference New Delhi on “Natural Resource Management for Farming Systems and Rural Livelihood “for the research paper poster “Impact of Soil; based Conservation Agricultural Practices.....for Livelihood Security” at New Delhi, 10th -13th Feb. 2015. • Best research paper award at 4th J&K Agriculture Science Congress in theme: Climate Resilient crop improvement system for enhancing productivity at SKUAST Jammu, 28th -30th Oct. 2015. • Best research poster award at International conference on Natural Resource management: Ecological perspective presented paper: Effect of added phosphorus, organic matter and moisture regimes on phosphorus adsorption in soils of various agro climatic zones of Jammu region at SKUAST –Jammu, 18th - 20th Feb, 2016. • Best research paper award in 26th National conference on “Natural Resource Management for Climate Smart Sustainable Agriculture at CPGS, CAU campus, Barapani, Shillong from 11th to 13th September, 2017. • Best research paper award in National conference on "Impact of agricultural technologies in enhancing growth and income” at SKUAST – J from 23rd to 24th October, 2017 • Best research paper award in National conference on “Innovative Technological Interventions for Doubling Farmers Income” organized at SKUAST-J from 08th to 10th February, 2018. • Best research paper award in two days ‘National seminar on “Smart technologies to boost farm profitability and socio economic status of rural India” jointly organized by SKUAST) Jammu and RASSA, 19th -20th November 2018 at SKUAST -J. 	
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			<ul style="list-style-type: none"> • Best research paper award in National conference on “Farmers’ Friendly Soil and Water Conservation Technologies for Mitigating Climate Change Impact” jointly organized by Soil Conservation Society of India (SCSI) New Delhi & ICAR-Indian Institute of Soil and Water Conservation Regional Centre, 31st Jan. – 02nd Feb. 2019 at Ooty. • Best research paper award in National conference on “Women Empowerment through Agro-Entrepreneurship for Livelihood Security” organized by Society for Integrated Development of Agriculture, Veterinary and Ecological Sciences (SIDAVES) 7th to 8th Feb. 2019 at SKUAST –J. 	
7	Dr.Renu Gupta Assistant professor	Research -20 years Teaching -13 years Area of expertise: Soil fertility and Microbiology, Was telands management pertaining to soil and plant quality in medicinal and aromatic plants , Biofertilizers , Isolation ,characterization ,preparation and validation	<ol style="list-style-type: none"> 1.Dr.Sh. Gopal Sharma Samriti Puraskar in B.Sc. Agriculture ,1997 2.Dr. J.S.P. Yadav Puraskar for being Topper in M.Sc. Soil science and Agriculture Chemistry,1999 3.Young Scientist award by: Society of Human Resource & Innovation Agra, (U.P) India,2017 4.Outstanding Scientist Award 2019 by G K V SOCIETY AGRA,2018 5.International award for women research in the International virtual conference on alternative resources and Technology Based agriculture by: Society of Human Resource & Innovation Agra, (U.P) India.,2019 6.Distinguished scientist award 2020 in field of soil fertility and microbiology conferred by Society of (AETDS), Agriculture and Environment Technology, Uttarakhand .India 6.Outstanding scientist award 2021, in the field of Soil science society of (ATDS), Agriculture Technology Development Society (ATDS) , Ghaziabad, Uttar-Pradesh,India conferred by Society of (ATDS), Agriculture Technology Development Society (ATDS) , Ghaziabad, Uttar-Pradesh, India 	<p>Developed lab manual pertaining to ug and PG Practical soil microbiology</p> <p>Supervised 5Msc students till date as major advisor One msc and phd,students on roll as major advisor</p> <p>Conducted practicals with prime focus on nutrient profiling and soil microbiology till date . Conducted workshops for students on microscopy</p>

8	Dr.Sarabdeep Kour Assistant Professor	15 years Areas of expertise: • Soil Fertility • Nutrient Management • Micronutrient Management	<ul style="list-style-type: none"> • University Merit Certificate in M.Sc • University Merit Certificate in Ph.D • University Merit Scholarship in Ph.D • Best presentation award 2012 in 77th Annual Convention of Indian Society of Soil Science • Research Leadership award for the year 2015 by Soil Conservation society of India • Councilor, Soil Conservation Society of India, Jammu chapter • Councilor, Soil Conservation Society of India since 2015 	<ul style="list-style-type: none"> • Developed Practical/lab and course manuals pertaining to UG/PG courses • Supervised M.Sc/Ph.D students as Major as well as minor advisor • Used audio-visuals aids and smart class rooms Continuous evaluation of students • Conducted practicals with prime focus on hands on experience • Delivered special lectures for NET and ARS examinations
Division of Agricultural Economics & ABM				
17.	Dr. Jyoti Kachroo Professor & Head	30 years • Area of Expertise: Production Economics • Agribusiness Management • Gender studies	<ul style="list-style-type: none"> • Awarded Panna Lal Memorial Gold Medal by university of Jammu for securing first position in Economics. • Awarded Gold Medal) by the university of Jammu for securing highest percentage of marks in the social sciences streams which included Political Science, History, Commerce, Education, Home Science. • Awarded Second Prize (DT Doshi Foundation Award) for the best presentation of the research paper entitled “<i>Technical Efficiency of Dry Land and Irrigated Wheat Based on Stochastic Model</i>” in the AERA conference held at Coimbatore, Tamil Nadu from 19th –21st November, 2009. • Awarded certificate of merit for ranking number one in M.A. (Economics) • Awarded university scholarship (University of Jammu, Jammu) in M.Phil 	<ul style="list-style-type: none"> • Developed lab manuals pertaining to UG/PG courses. Supervised M.Sc./Ph.D. students as Major Advisor Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective Initiated MBA(ABM) and Ph.D. (ABM) programme in the Division of Agricultural Economics and ABM. Research Projects - Innovation & Agri-

			<ul style="list-style-type: none"> • Awarded university fellowship (University of Jammu, Jammu) during Ph.D degree programme 	<p>Entrepreneurship under RKVY-RAFTAAR Project funded by Ministry of Agriculture and Farmers' Welfare GOI New Delhi</p> <ul style="list-style-type: none"> - Vocational Education in Agriculture need in Present context, funded by ICAR Extramural Research Project, HRD, Education Division of ICAR New Delhi - Economic Efficiency of vegetable crop production and their marketing pattern under Sub-Tropical conditions of Jammu division - To study the contribution of farm women towards agriculture in Jammu - Resource Use Efficiency and Economic Analysis of Major fruit Crops of Jammu District of J& K State
18.	Dr. Sudhakar Dwivedi Associate Professor	14 years Area of expertise: Agricultural Finance Agribusiness Management	<p><i>Excellence in Teaching Award</i> awarded by "Astha Foundation" in the year 2014.</p> <ul style="list-style-type: none"> i) <i>Eminent Scientist Award</i> Samagra Vikas Welfare Society, Lucknow (U.P.) ii) <i>Doctoral Fellowship Award</i>, Indian Council of Social Sciences Research, New Delhi. iii) <i>Ph.D. Fellowship Award</i>, Dr. B.R.A. University. iv) <i>FMASM Award</i>, Manawadhikar Samajik Munch, New Delhi. 	<p>Practical manual:</p> <ol style="list-style-type: none"> 1. Agricultural Production Economics 2. Farm Management 3. Agricultural Finance & Project Management <p>Agri-Business Management</p> <p>Research Projects:</p>

			<p>v) BEST INVITED LECTURE AWARD from ‘Environment and Social Welfare Society, Khajuraho, Madhya Pradesh, India accredited by NITI Aayog, Govt. of India</p> <p>vi) BEST ORAL PRESENTATION AWARD” from ‘Society of SVWS, Lucknow (U.P.)’ in association with BBACU, Lucknow</p> <p>vii) Lead Lecture Award, Samagra Vikas Welfare Society, lucknow</p>	<p>Principal Investigator:</p> <ol style="list-style-type: none"> 1. Mapping the adoption of improved varieties of Major Crops and Management Practices in Jammu, funded by International Food and Policy Research Institute (IFPRI), New Delhi 2. Production & Marketing Management of Basmati Rice in Jammu Region” funded by SBT (J&K) 3. Temporal Changes in Land Use and Cropping Pattern in Jammu district of J&K State (University funded) <p>CO-PI</p> <ol style="list-style-type: none"> 1. RKVY – RAFTAAR project scheme of DAC&FW under Rashtriya Krishi Vikas Yojana – Remunerative Approaches for Agriculture and Allied Sector Rejuvenation 2. NAIP Project Component – III entitled “Enhancement of Livelihood Security through Sustainable Farming System and Related Farm Enterprises in North West Himalaya” 3. Impact study of the Procurement of Wheat funded by Govt. of J&K
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				<p>4. Diagnostic study of farmers in context of price spread analysis, marketing pattern and assessment of agricultural diversification in Chenani block of Udhampur district funded by NABARD</p> <p>5. University Funded Research Project entitled “Economics & Impact of Micro Irrigation Technology in Jammu Division”</p> <ul style="list-style-type: none"> • Continuous guidance to students(UG, MSc, PhD, MBA(ABM)) • Guiding M Sc. And Ph D students as Major Advisor • Used online platforms such as Zoom app, Google meet etc.for teaching during COVID pandemic lockdown.
19.	Dr. S. P. Singh Assistant Professor (Senior Scale)	14 years Area of expertise: •Commodity Future Trading •Production Economics •Agricultural Marketing	<ul style="list-style-type: none"> • Received “Scientist of the Year Award” for contributions in the field of Agricultural economics by “Society of Biological Sciences & Rural Development”, Allahabad (UP) on November 11, 2017. • Received “Yashasvi Samman” from RASSA, New Delhi for outstanding contribution to Science & Society at BBA University, Lucknow, on October 29, 2017. • Received ‘Certificate of Appreciation’ in recognition for the outstanding contribution as ‘Editorial Board member’ of journal Natural Resource and Development (Society of Biological Sciences and Rural Development, Allahabad (UP) for the year 2018 	<ul style="list-style-type: none"> • Developed Practicals manuals for UG/PG students • Continuous guidance to students(UG, MSc, PhD, MBA(ABM)) • Used online platforms such as Zoom app, Google meet etc.for teaching during COVID pandemic lockdown.

4	Dr. Anil Bhat Assistant Professor (Senior Scale)	9 years in teaching, research and extension Area of expertise: Agribusiness Management, Agricultural Marketing and Production Economics	<p>Qualification: PhD Agricultural Economics, NET</p> <ul style="list-style-type: none"> • Completed Course on Agriculture in the World Trade Organization organized by Institute for Training and Technical Cooperation in World Trade Organization (Online) • Completed MOOC on Psychology of Learning organized by ICAR-National Academy of Agricultural Research Management (NAARM) (Online) • Completed MOOC on Designing E-learning Content organized by ICAR-National Academy of Agricultural Research Management • Completed Two months course on Mentoring for Teacher Professional Development organized by Tata Institute of Social Sciences • Received SCIENTIST OF THE YEAR AWARD” in 2nd International Conference on “Global Initiatives for Sustainable Development: Issues and Strategies” held at Bangkok, Thailand, w.e.f June, 23-27, 2019. • Received best oral presentation research paper award during the National Conference on Women Empowerment through Agro-Entrepreneurship for Livelihood Security organized by Society for Integrated Development of Agriculture, Veterinary and Ecological Sciences (SIDAVES) in collaboration with SKUAST-Jammu w.e.f February, 07-08, 2019 at SKUAST-Jammu, Chatha. • Received “Certificate of Appreciation” for acting as Rapporteur in during the National Conference on Women Empowerment through Agro-Entrepreneurship for Livelihood Security organized by SIDAVES in collaboration with SKUAST-Jammu w.e.f February, 07-08, 2019 at SKUAST-Jammu, Chatha. • Received “Certificate of Appreciation” as Publicity Secretary in recognition of active participation and successful completion of Agri Fest 2018 (KAİROS-2)organizing the 04 days’ AGRI-FEST 2018 w.e.f December 04-07, 2018 at FoA, SKUAST-Jammu. 	<ul style="list-style-type: none"> • Developed Practicals manuals for UG/PG students • Continuous guidance to students(UG, MSc, PhD, MBA(ABM)) • Trained students for ICAR PG exam and students qualified NET and ICAR exam • Organized two Model Training Courses • Direct linkage with allied departments , farmers and different stake holders • Guiding M Sc. and Ph D students as Major Advisor • Continuous interactions with students for effective teaching and learning process. • Used online platforms such as Zoom app, Google meet etc.for teaching during COVID pandemic lockdown.
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6.5.2.4. Technical and Supporting Staff

Mention Division-wise Distribution of Technical Supporting and Field Staff in tabular form (No. of posts sanctioned and filled in each category)

S.No.	Designation	Sanctioned strength	Filled
Division of Agroforestry			
	FCLA	02	01
	Stenographer	01	0
	Computer Assistant	01	0
	Mali	02	01
	OCC/helper	02	01
School of Biotechnology			
1	Field Cum Lab. Assistant	01	01
Division of Agricultural Engineering			
	Technical	02	02
	Administrative	04	03
	Supporting	02	02
Division of Fruit Science			
	Technical/ supporting staff	05	05
	Farm/ Field workers	04	01
Division of Agronomy			
	Comp. Asstt	01	01
	Jr. Steno	01	-
	FCLA	04	04
	Lab Attendant	01	01
	OCC	02	02
	Mali	02	02
Division of Sericulture			
	Technical/ supporting staff	06	05
	Farm/ Field workers	05	03
	Sweeper	01	00
Division of Plant Breeding and Genetics			
	Farm Superintendent	1	0
	Jr. Stenographer	01	01
	Computer Asstt	01	01
	FCLA	04	03
	Mali	02	01
	OCC	03	02

Division of Food Science and Technology			
	Computer Asstt	01	01
	FCLA	02	02
	OCC	01	01
Division of Entomology			
	Jr. Stenographer	01	01
	Computer Asstt	01	01
	FCLA	04	03
	Mali	02	01
	OCC	03	03
Division of Vegetable Science and Floriculture			
	FCLA	03	03
	Jr. Stenographer	01	01
	Computer Asstt.	01	01
	Mali/OCC	05	01
Division of Extension Education			
	Junior Stenographer	01	01
	EDP Supervisor	01	01
	Artist-cum-Photographer	01	01
	FCLA	02	02
	OCC	01	01
	Lab. Attendant	01	01
	Audio Visual Operator	01	01
Division of Soil Science and Agricultural Chemistry			
	Jr. Stenographer	1	1
	EDP Supervisor	1	1
	FCLA	3	3
	Mali	2	2
	Lab attendant/OCC	2	2
Division of Agricultural Economics and Agri Business Management			
	FCLA	1	1
	Computer Assistant	1	1
	OCC/helper	1	1

6.5.3. LEARNING RESOURCES

6.5.3.1. College Library

Availability of Wi-fi:

Internet is available as broadband connection in the library for assessing on-line resources. The Wi-fi is presently not available at Central Library, Chatha. However, efforts are underway for creating Wi-fi facilities in the library for students.

Internet Connectivity:

Internet Connectivity is available in the Library through National Knowledge Network at Chatha. Thirty computers are accessible across the library for members at Chatha. This includes OPAC, Self Check in/Checkout, etc.

Seating Capacity:

600 members can be accommodated at Central Library, Chatha with seating arrangement at Reading Halls, reference section, committee room, lecture hall, etc.

Latest Technology in library:

KOHA/RFID system is installed. Koha is an advanced open source automation solution, hence recommended by the ICAR system for adoption in all the agriculture institutes. Considering it to be the functionally advanced open source software Koha is a viable, scalable solution for university libraries. RFID (Radio Frequency Identification) is the latest technology used in library for enhancing security. RFID-based systems move beyond security to become tracking systems that combine security with more efficient tracking of materials throughout the library, including easier and faster charge and discharge, inventorying and materials handling. The use of RFID reduces the amount of time required to perform circulation operations. The most significant time savings are attributable to the facts that information can be read from RFID tags much faster and that several items in a stack can be read at the same time. The time savings are less for charging than for discharging because the time required for charging usually is extended by social interaction with SKUAST Jammu library members at Chatha.

Stacking Arrangement:

DDC arrangement is followed at Central Library, Chatha. The Dewey Decimal Classification (DDC) is structured around ten main classes covering the entire world of knowledge; each main class is further structured into ten hierarchical divisions, each having ten sections of increasing specificity. As a system of library classification the DDC is "arranged by discipline, followed by subject", DDC is divided in the ten main classes, hundred divisions, and thousand sections such as 630 class number is assigned to Agriculture.

Collection of volumes:

27974 volumes of print books are available at Central Library, Chatha to cater the needs of its users.

Latest publications in the fields of relevant subjects:

The list of publications in the field of Agriculture, Veterinary Sciences, Basic Sciences and Biotechnology procured during the period is specified as Annexure - III.

Automation and user services through computer:

For Automation at Central Library, Chatha KOHA/RFID system is installed. Koha is an advanced open source automation solution, hence recommended by the ICAR system for adoption in all the agriculture institutes. Considering it to be the functionally advanced open source software Koha is a viable, scalable solution for university libraries. RFID (Radio Frequency Identification) is the latest technology used in library for enhancing security. RFID-based systems move beyond security to become tracking systems that combine security with more efficient tracking of materials throughout the library, including easier and faster charge and discharge, inventorying and materials handling. The use of RFID reduces the amount of time required to perform circulation operations. The most significant time savings are attributable to the facts that information can be read from RFID tags much faster and that several items in a stack can be read at the same time. The time savings are less for charging than for discharging because the time required for charging usually is extended by social interaction with SKUAST Jammu library members.

Opening Hours:

The timings of Central library at Faculty of Agriculture, Main Campus Chatha are 9.30 a.m to 7.00 p.m.

Subscription of Journals:

Consortium for e-Resources in Agriculture (popularly known as CeRA) is an e-Consortium of Agricultural Libraries under the Indian Council of Agricultural Research for National Agricultural Research and Education System (NARES) Libraries. The Consortium for e-Resources in Agriculture (CeRA) is facilitating 24x7 online accesses of select journals in agricultural and allied sciences to all researchers, teachers and students, policy planners, administrators and extension specialists at SKUAST Jammu through IP authentication

Access of about 3500 journals (National, International reputed)/e-Resources through IP authentication is available for Chatha library members.

Subscription to National Dailies and Magazines:

Apart from the subscription of different national and local newspapers and magazines, procurement of books and journals based on the requirements of various disciplines were materialized by the library governance. Other amenities like e-books and e-journals were

strengthened. Additional reprographic facility was created by adding the colour photocopier. The libraries were equipped with adequate infrastructure such as installation of air conditioners, book stacks, etc. The list of newspapers and magazines subscribed in the libraries is detailed at Annexure – IV.

STAFF POSITION - LIBRARY TEAM

S. No.	Name	Designation	Phone/E-mail
1	Prof. S. K. Gupta	University Librarian	0191-2262037 9419124146
2	Sh. Leela Dhar Mangi	Assistant Librarian	9906239359, 7006889623
3	Sh. Narinder Kumar	Stenographer	9419608827
4	Smt. Asha Rani	Library Assistant	9419236562
5	Smt. Meenakshi Devi	Library Assistant	9622342377
6	Sh. Amit Sharma	Library Assistant	9419174820
7	Sh. Krishan Chand Sharma	ACT	9906253200

e-mail addresses: librarian@skuast.org; clskuastj@gmail.com

The divisions in the Faculty of Agriculture also maintains library, consisting of specific books and periodicals related to the subjects concerned.

S. No.	Division	Text books	Other books	Periodicals	Journals	Magazines
1	Agricultural Economics and ABM	112	25	-	154	10
2	Agricultural Engineering	26	25	-	50	-
3	Agricultural Extension Education	30	05	-	40	12
4	Agroforestry	22	10	-	46	-
5	Agronomy	85	25	-	184	600
5	Entomology	27	10	12	200	5
6	Food Science & Technology	22	-	-	50	-
7	Fruit Sciences	80	230	04	200	-
8	Plant Breeding and Genetics	50	40	-	150	-
9	Plant Pathology	22	12	-	30	-
10	Sericulture	77	-	-	-	-
11	Soil Sciences & Agricultural Chemistry	40	27	03	200	-
12	Vegetable Sciences & Floriculture	109	07	10	10	25
13	School of Biotechnology	155	150	-	-	-

6.5.3.2. Laboratories, Instructional Farm, Workshop, Fishery Ponds

The list of division-wise laboratories/ Instructional Farms and Fish ponds is given below:

S. No.	Name of the Laboratory	Number
Division of Agroforestry		
1	UG Laboratory	02
2	PG Laboratory	01
School of Biotechnology		
1	UG (Bioinformatics Lab., Plant Tissue Culture Lab. and General UG Practical Lab.)	03
2	PG (Rice Molecular Laboratory, Quality Laboratory, Plant Molecular Biology Laboratory, Genomics Laboratory, Biochemical and Proteomic laboratory, Heavy Instruments Lab., Central Lab. FIST Lab.)	08
Division of Agroforestry		
1	Farm Machinery & Power (UG/PG), Food & Process Engineering (UG/PG), SWC/Irrigation and Drainage Engineering (UG/PG) Workshop for Farm Machinery Testing (UG/PG)	One each (Total 04)
Division of Fruit Science		
1	UG Lab	01
2	Quality Control Lab	01
3	Virus Indexing Lab	01
Division of Agronomy		
1	UG/PG laboratories	03
2	Instructional Farm (Agronomy Research Farm)	01
Division of Sericulture		
1	PG Laboratories	01
2	Silkworm Rearing Labs.	02
3	Egg Incubation Room	01
4	Mulberry Farm	01
5	Mulberry gene bank	01
Division of Plant Breeding and Genetics		
1	UG Teaching Lab.	02
2	PG Teaching lab., PG Molecular Lab., PG Tissue culture Lab., PG Cytogenetics Lab., PG Nematology Lab.	One each (05)
Division of Food Science and Technology		
1	UG/PG Laboratories	03
Division of Entomology		
1	UG Teaching Lab.	01
2	PG Teaching lab., PG Apiculture Lab., PG Biological control Lab.	One each (03)
Division of Vegetable Science and Floriculture		
1	UG/PG laboratories	02
Division of Soil Science and Agricultural Chemistry		
1	UG Laboratories	01
2	PG Laboratories	04
Division of Agricultural Economics and Agri Business Management		
1	PG Laboratory	01

6.5.3.3. Student READY/ In-Plant training/ Internship/ Experiential Learning Programme

Experiential learning Programme is implemented for for final year students of BSc. (Hons) Agriculture programme to provide facilities for Hands on Training on various aspects such as Hi-tech nursery for horticultural crops, Bee keeping, Mushroom cultivation and Plant Clinic etc. The detail of such programmes conducted by various divisions is given below:

S. No.	Division	Name of the programme
1	School of Biotechnology	Project Work [BIOT-499 (0+19)]
2	Division of Fruit Science	Experiential learning Programme on setting up of Facilities for Hands on Training on “Hi-tech nursery for horticultural crops (Experiential Learning Programme)
3	Division of Agronomy	In plant training through PCP course and through instructional Research farm Experiential Learning Programme through RAWE
4	Division of Entomology	Experiential learning Unit (Beekeeping) Plant Clinic
5	Division of Agricultural Extension Education	Rural Agricultural Work Experience (RAWE)

EXPERIENTIAL LEARNING MODULE

S No.	Name of the College/ Department	Title of the Experiential Learning Module	Year of establishment	Total number of students trained	Total Income generated (Rs inLakh)	No of students taking up entrepreneurship
1	Division of Fruit Science	Setting up of facilities for hands on training on “Hi-tech Nursery for Horticultural Crops	2006-07	128	0.87	01
2	Division of Plant Pathology	Mushroom Cultivation and Spawn Production	2014-15	105	0.40	02
3	Division of Entomology	Beekeeping	2011-12	107	0.60	02
4	Division of Entomology	Plant clinic	2011-12	356	Nil	NIL

The experiential learning programme on beekeeping, mushroom cultivation and spawn production, “Hi-tech nursery for horticultural crops have been implemented in the University. However, all the three units are being supported and managed by the funds made available from the Divisions or externally funded projects. The students are encouraged to set up their own enterprises so that they could earn while they learn. The skills are being imparted to them through student READY programme.



Experiential learning Unit (Beekeeping)



6.5.3.4. Curricula delivery through IT (smart class rooms/interactive board etc.)

S. No.	Division	Number of smart classrooms	
		UG	PG
1	Division of Agroforestry		01
2	School of Biotechnology	02	02
3	Division of Agricultural Engineering		01
4	Division of Fruit Science		01
5	Division of Agronomy		01
6	Division of Plant Breeding and Genetics		02
7	Division of Entomology	-	01
8	Division of Vegetable Science and Floriculture		01
9	Division of Extension Education		01
10	Division of Agricultural Economics and Agri Business Management		03
11	U classrooms for B.Sc. Ag.	04	

6.5.4. STUDENT DEVELOPMENT

6.5.4.1. Student intake and Attrition

Name of the degree programme	Actual students admitted in last five years					Attrition (percentage)				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
Faculty of Agriculture (UG)										
B.Sc. Hons.	115	113	118	118	122	17.39	22.00	9.00	6.00	7.30
School of Biotechnology (UG)										
B.Sc. Hons. / B.Tech.	25	26	31	24	35	0	4.00	3.20	12.5	8.33
Division of Agricultural Economics and Agri Business Management										
M. Sc	03	04	03	06	06	00	00	00	00	16.66
Ph. D	00	01	02	01	00	00	00	00	00	00
MBA(ABM)	12	12	10	11	09	00	8.33	20.00	00	55.55
Division of Agricultural Engineering										
M.Tech(FMPE)	02	01	02	01	02	0	0	0	0	0
M.Tech(SWE)	0	03	01	01	02	0	0	0	0	0
Ph D (FMPE)	0	0	02	01	02	0	0	0	0	0
Division of Agricultural Extension Education										
M. Sc.	02	04	06	06	07	0	0	0	0	0
Ph. D.	03	02	01	02	03	0	0	0	0	0
Division of Agro-forestry										
M. Sc.	2	3	3	4	4	0	0	0	25	0
Ph. D	1	2	4	2	1	0	0	0	0	0

Division of Agronomy										
M.Sc.	02	05	07	07	07	0	0	0	0	0
Ph.D.	0	01	04	04	04	0	0	0	0	0
Division of Entomology										
M. Sc.	04	06	10	11	05	0	0	10.00	9.00	0
Ph.D.	04	03	00	01	03	0	0	0	0	0
Division of Food Science and Technology										
M. Sc.	02	04	07	07	05	0	0	28.00	0	0
Ph.D.	06	02	03	01	03	0	0	0	0	0
Division of Fruit Science										
M. Sc.	03	05	06	07	07	0	0	0	0	0
Ph.D.	02	02	03	02	01	0	0	0	0	0
Division of Plant Pathology										
M. Sc.	1	6	6	11	7	100.00	0	0	0	0
Ph.D.	4	5	3	4	4	0	0	33.00	0	0
Division of Plant Breeding and Genetics										
M. Sc.	3	6	6	7	7	0	0	0	0	0
Ph.D.	1	1	2	0	3	0	0	0	0	0
Division of Sericulture										
M. Sc.	01	01	01	07	02	0	0	0	0	0
Ph.D.	03	01	01	03	02	33	100	0	0	0
Division of Soil Science and Agricultural Chemistry										
M.Sc.	3	6	7	7	7	0	0	0	0	0
Ph.D.	2	3	2	1	4	0	33.33	0	0	0
Division of Vegetable Science and Floriculture										
M.Sc. (Hort.) Veg. Science	04	04	04	07	08	0	0	0	0	0
M.Sc. (Hort.) Floriculture	01	01	01	03	04	0	0	0	66.00	0
Ph.D. Veg.	02	01	01	01	02	0	0	0	0	0
School of Biotechnology										
M. Sc.	01	04	02	03	03	0	25	50	0	0
Ph. D	02	02	04	0	02	0	50	0	0	0

6.5.4.2. Number of students in theory and practical classes

S. No.	Name of the Programme	Total intake/year	Batch of students in theory class	Batch of students in practical class
Faculty of Agriculture				
1	B.Sc. (Hons.) Agriculture	115	60+55	20+20+20 20+20+15
		113	58+55	20+20+18 20+20+15
		115	60+55	20+20+20 20+20+15
		122	61+61	20+20+21 20+20+21
		122	61+61	20+20+21 20+20+21

School of Biotechnology				
2	B.Sc. (Hons.)/B.Tech. Biotechnology	25	25	12 +12
		26	26	13+13
		31	31	15+16
		24	24	12+12
		35	35	12+12+11
Division of Agroforestry				
3	M. Sc.	4	4	4
4	Ph.D.	3	3	3
School of Biotechnology				
1	M.Sc. (Biotechnology)	01	01	01
		04	04	04
		02	02	02
		03	03	03
		03	03	03
2	Ph.D. Biotechnology	02	02	02
		02	02	02
		04	04	04
		0	0	0
		02	02	02
Division of Agricultural Engineering				
1	M.Tech (FMPE)	04	04	04
2	M.Tech (SWE)	04	04	04
3	Ph D (FMPE)	04	04	04
Division of Fruit Science				
1	M. Sc.	06	06	06
2	Ph. D.	04	04	04
Division of Agronomy				
1	M.Sc.	02	02	02
		05	05	05
		07	07	07
		07	07	07
		07	07	07
2	Ph.D.	00	00	00
		01	01	01
		04	04	04
		04	04	04
		04	04	04
Division of Sericulture				
1	M.Sc.	07	07	01
2	Ph.D.	03	03	01

Division of Plant Breeding and Genetics				
1	M.Sc.	04	04	04
		04	04	04
		04	04	04
		06	05	05
		07	07	07
2	Ph.D.	02	02	02
		02	02	02
		02	02	02
		00	00	00
		03	03	03
Division of Food Science and Technology				
1	M.Sc.	02	02	02
		04	04	04
		07	07	07
		07	07	07
		05	05	05
2	Ph.D.	06	06	06
		02	02	02
		03	03	03
		01	01	01
		03	03	03
Division of Entomology				
1	MSc.	03	03	03
		06	06	06
		09	09	09
		11	11	11
		05	05	05
2	Ph.D.	03	03	03
		02	02	02
		03	03	03
		03	03	03
		01	01	01
01	01	01		
Division of Vegetable Science and Floriculture				
1	MSc. Ag.Horticulture (Vegetable Science)	04	04	04
		04	04	04
		04	04	04
		07	07	07
		07	07	07
2	MSc. Ag. Horticulture (Floriculture & Landscaping)	01	01	01
		01	01	01
		01	01	01
		03	03	03
		03	03	03
3	Ph.D. Vegetable Science	02	02	02
		01	01	01
		01	01	01
		02	02	02
		02	02	02

Division of Extension Education				
1	MSc.	02	02	02
		04	04	04
		06	06	06
		06	06	06
		07	07	07
2	Ph.D.	03	03	03
		02	02	02
		01	01	01
		02	02	02
		03	03	03
Division of Soil Science and Agricultural Chemistry				
1	M.Sc.	03	03	03
		06	06	06
		07	07	07
		07	07	07
		07	07	07
2	Ph.D.	02	02	02
		03	03	03
		02	02	02
		02	02	02
		04	04	04
Division of Agricultural Economics and Agri Business Management				
1	M. Sc. (Agri. Economics)	03	03	03
		04	04	04
		03	03	03
		06	06	06
		06	06	06
2	MBA (ABM)	12	12	12
		12	12	12
		10	10	10
		11	11	11
		09	09	09
3	Ph.D.	00	00	00
		01	01	01
		02	02	02
		01	01	01
		01	01	01

6.5.4.3. Admission Process

Admissions to different degree programmes are done as per ICAR norms through SKUAST-J Common Entrance Test (CET) for UG, PG. & Ph.D.

Eligibility for B.Sc. (Ag.)

Candidates must have passed Higher Secondary Part II (12th or 10+2) or an equivalent examination with PCB/PCBM subjects having 50% marks in aggregate for open/ NRI/ NRIsponsored category and 40% for reserved categories.

Eligibility for M.Sc Agricultural Sciences:

The candidate must have B.Sc. degree with overall grade point average (OGPA) as under:

- General category: 6.00/10.00 in ten point scale
- 3.00/4.00 in four point scale.
- In other cases where grade points are not awarded and only marks are awarded, the candidate must have secured at least 60% marks.
- Reserved Categories: 5.50/10.00 in ten point scale.

Eligibility for PhD Agricultural Sciences:

Master's degree in respective/related subjects with OGPA of:

- 6.50/10.00 or equivalent OGPA/ equivalent percentage (65%) of marks at Masters Degree.
- 6.00/10.00 or equivalent OGPA/ equivalent percentage (60%) of marks at Masters Degree for SC/ST/PH category.

Admission to the courses offered by Faculty of Agriculture is made by SKUAST-J Common Entrance Test (CET-UG and CET-PG) held in the month of June. For all PhD programmes SKUAST-J Common Entrance Test (CET- Ph.D) is held in the month of January every year.

The University notifies the list of selected students for registration and payment of fees. An orientation class is organized with general overview of the University, course, syllabus, examination procedures, rules and regulations and a mandatory pledge to abstain from the menace of ragging.

Post-graduate students in consultation with heads of concerned divisions register in major, minor and supporting courses depending on his/her research choice and academic demand.

Academic regulations entitled Regulation on Resident Instructions (RRI) 2009 was being followed in SKUAST-Jammu. Several amendments and updating have been made, on the recommendation of Academic Council, from time to time, taking into considerations the local needs and ICAR recommendations. In the light of the above, RRI (2020) has come in to effect from 16th of March 2021 onwards. Academic calendar is strictly followed for all degree programs as notified annually by the Director Education, SKUAST-Jammu before the start of session.

Fee structure

The following are prescribed fees for the various programmes of the University. The University may revise the fee structure from time to time; however, such revision shall not be applicable to already admitted students.

Fees at the time of 1st admission

Sl.No.	Items	Undergraduate Programmes	Master's Programmes	Ph.D. Programmes
A. General		Fee in Rupees (Rs.)		
1	Admission fee	5000	6000	8000
2	University registration fee	3000	5000	6000
3	Caution/Security money for Library (refundable)	3000	3000	3000
4	College laboratory development charges	500	1000	1000
5	Semester registration fee	500	800	1000
6	Tuition fee	2000	4000	5000
7	Examination fee	1000	1000	1000
8	Extra-curricular activities fee	500	500	500
9	Medical examination fee	200	200	200
10	Magazine fund (per annum)	200	200	200
11	Identity card	100	100	100
12	Placement and counseling fund	100	Nil	Nil
13	Educational tour	3000	Nil	Nil
Total (A)		19100	21800	26000
B	Hostel charges			
1.	Hostel charges (Room rent) per semester			
i.	Single seated	3500	3500	3500
ii.	Dormitory	2500	2500	2500
iii.	NRI rooms	5000	5000	5000
2.	Hostel security (refundable) for fresh admission	4000	4000	4000
3.	Mess security in case of hostel inmates for fresh admission (refundable)	4000	4000	4000
4.	Hostel maintenance fund per semester	500	500	500
5.	Utensils crockery breakage fund	150	150	150
6.	Common room fund (Hostellers)	300	300	300
7.	Electricity charges per semester	2000	2000	2000
8.	Generator charges per semester per student	3000	3000	3000
Total (B)				
i.	Single seated	17450	17450	17450
ii.	Dormitory	16450	16450	16450
iii.	NRI Rooms	18950	18950	18950
Grand Total (A+B)				
i.	Single seated	36550	39250	43450
ii.	Dormitory	35550	38250	42450
iii.	NRI Rooms	38050	40750	44950

Recurring semester fees

Sl.No.	Particulars	Undergraduate Programmes	Master's Programmes	Ph.D. Programmes
A.		Fee in Rupees (Rs.)		
1.	Semester registration fee	500	800	1000
2.	Tuition fee	3000	6000	8000
3.	Examination fee	1000	1000	1000
4.	Extra-curricular activities fee	1000	1200	1500
5.	Medical examination fund/fee	200	200	200
6.	Magazine fund (per semester)	100	100	100
7.	Amalgamated fund	600	600	600
8.	Library fee	300	300	300
9.	Infrastructure development fund	500	500	500
10.	Student welfare fee	500	500	500
11.	Water charges	100	100	100
Total (A)		7800	11300	13800
B.	Hostel Charges (Room rent)			
1.	Single seated	3500	3500	3500
	Dormitory	2500	2500	2500
	NRI Rooms	5000	5000	5000
2.	Hostel maintenance fund	500	500	500
3.	Utensils crockery breakage fund	150	150	150
4.	Common Room Fund	300	300	300
5.	Electricity charges	2000	2000	2000
6.	Generator charges	3000	3000	3000
Total (B)				
i.	Single seated	9450	9450	9450
ii.	Dormitory	8450	8450	8450
iii.	NRI Rooms	10950	10950	10950
Grand Total (A+B)				
i.	Single seated	17250	20750	23250
ii.	Dormitory	16250	19750	22250
iii.	NRI Rooms	18750	22250	24750

Optional charges (Per semester)

Sl.No.	Particulars	Rs.	Rs.	Rs.
a.	Refrigerator in room	800	800	800
b.	Air cooler	2500	2500	2500
c.	Electric blower	2500	2500	2500
d.	Air conditioner	12000	12000	12000

Note: University shall not provide any of the above-mentioned appliances

Fee structure for self-financing seats in addition to normal semester fees (Rs.)

Sl.No.	Programme	Category	Self- Financing fee
1.	B.Sc. (Hons.) Agriculture	NRI/ NRI Sponsored	30000
		Ward of serving employee of SKUAST-J	18000
		Domicile seats for UTs of J&K and Ladakh	18000
2.	B.Tech/ B.Sc. (Hons.)/ Biotechnology	Self –Financing	37500
3.	M.Sc. (Ag)	NRI/NRI sponsored	30000
		Domicile seats for UTs of J&K and Ladakh	30000
4.	M.Sc. (Biotechnology)	Self –Financing	50000
5.	Ph.D. (Biotechnology)	Self –Financing	30000
6.	M.Sc. (Microbiology)	Self –Financing	30000
7.	Ph.D. (Microbiology)	Self- Financing	30000
8.	MBA (ABM)	Self –Financing	30000

Other fees

Sl.No.	Particulars	Fee (Rs.)
1.	Migration fee for the students migrating to SKUAST-J	5000
2.	Inter-University migration	500
3.	Supplementary/Compartment exam fee per paper	1000/600 per course
4.	Make up examination	100 per course for Mid-term 200 per course for End term
5.	Rechecking	500 per course
6.	Registration with late fee for on-roll students (only for maximum of 7 working days from the date of registration)	200 per day
7.	Course addition/ withdrawal fee	200 per course
8.	Special course fee	250 per course
9.	Inter University migration certificate	500
10.	Thesis submission fee	1500 (Masters) 2000 (Ph.D.)
11.	Provisional Degree Certificate (PDC)	300
12.	Duplicate degree certificate	2000
13.	Duplicate migration certificate	1000
14.	Duplicate Library Card	100
15.	Duplicate PDC	1000
16.	Duplicate semester report/Mark sheet	1000
17.	Duplicate other certificate	100
18.	Transcript of academic record	500
19.	Duplicate transcript	1000
20.	Degree in absentia	500 (without folder)/ 1000 (with folder)
21.	Re-admission	2000
22.	Fee for verification of certificates (to be charged from the students from other states at the time of first admission)	500

6.5.4.4. Conduct of practical and Hands on Training

- For every practical class two periods of 50 minutes each are dedicated in which demonstrations, farm experiments, lab. exercises and hands on trainings are performed by the students.
- Hands on Trainings: Students of other Institutes are registered for short (1-3 months) Hands on Trainings in specific area/technique.
- The practical trainings are conducted in the laboratories of Farm Machinery & Power, Food & Process and SWC/Irrigation and Drainage Engineering laboratories and one Workshop for Farm Machinery Testing
- For practical well equipped UG/PG labs 04 in Nos are used
- Handsome training to UG students through PCP (Practical Crop Production) course
- For hands on training experiential learning through RAWE programme
- Students are provided hands on training in identification and management of insect-pests, mass culture of biocontrol agents, apiculture and other need based aspects of plant protection
- Practical's are conducted in the lab. as well as in the field. The students are provided hands on training on various aspects of silkworm biology, morphology, physiology, nutrition, silkworm diseases and modern silkworm rearing techniques and mulberry farm management.
- All the UG and PG students are distributed the breakup of course curriculum well in advance before the start of lecture delivery. Both theory and practical's are given equal weightage with demonstrations in labs and in the fields. A course with Cr. Hrs. 2+1 comprises of 32 theory and 15 practicals which are taught comprehensively with giving equal opportunity to all students to try hand on experience in both the laboratories and in the experimental fields also.
- The practical which are numerical in nature are conducted in the classroom hand on exercise on different practical is conducted by visiting various mandis for collection of data.
- Visits to various government institutions and NGOs, Private Enterprises, industries concerned with agriculture and allied fields are also undertaken for on spot assessment of their working and developing entrepreneurship traits in the students. Course curriculum given by the ICAR is adopted for overall practical work.

6.5.4.5. Examination and Evaluation process

All the examinations midterm, end term/final semester and professional examination in all the faculties are held centrally and the Director Education is the Head of the Examination system for all the Faculties. All the examinations except quizzes are conducted at a centrally during a specified period notified by the Examination Cell and as per the Academic Calendar.

Evaluation of course work (undergraduate and postgraduate programmes)

The evaluation of a student's achievement in a course shall be based on his/her performance in various tests, laboratory and library assignments, special problems, seminars and hand on exercises.

Quiz

- A written test of 30 minutes duration, consisting of questions requiring very brief answers is conducted by the course instructor. The date of the test and the course covered in the test is announced at least one week in advance. There shall be two such quizzes, normally one in the 6th week and other in 15th week of the semester, where ever applicable.

Mid-term examination

During the 11th week of each semester, an examination in each course of one hour duration is held as mid-term examination. Dates for holding this examination are announced by the Examination Cell in the Academic Calendar.

- a. The paper setting and evaluation of answer sheet(s) shall be done by the Course Instructor concerned.
- b. The Course Instructor will set two papers for each course and forward them in separate envelopes, under seal, to the Director Education, at least one week before the scheduled date of examination.
- c. Director Education will select one paper out of the two and get the required photocopies of the question paper prepared from the Examination Cell. The same shall be put in an envelope under seal bearing the signatures of the Course Instructor concerned and the I/C Examination Cell.
- d. The sealed envelope of the question paper will be opened at the time of the examination in presence of the Course Instructor or any other teacher nominated by the Head of the Division concerned.
- e. The answer sheet(s), as per the requirement, shall be provided by the Examination Cell.
- f. After the examination, the Examination Cell will hand over the answer sheet(s) to the Course Teacher concerned for evaluation.
- g. The Course Teacher shall submit the results of mid-term along with the 1st quiz to the I/C Examination Cell through the Head of the Division concerned and Dean.
- h. The classes will remain suspended during the Mid-term examinations.

End-term Examination

Towards the end of a semester, there shall be one examination in each course which shall last for three hours and shall cover the entire subject matter of the course. End term examinations are conducted and evaluated externally by the University Examination Cell for undergraduate degree programmes with maximum weightage of 50 % to external.

For PG/Ph.D. programmes end term examinations are conducted internally and evaluated by the concerned course instructors.

Procedure for conducting end-term examination

This examination is scheduled by the Examination Cell strictly as per academic calendar keeping in view that:

- a. No student shall have to appear in more than two such examinations on one day.
- b. The paper for end-term theory examination of undergraduate programme shall be set and evaluated by experts from outside the University.
- c. There shall be centralized table evaluation system of the answer books.
- d. In case the External Examiner is not available for evaluation, the answer sheets will be evaluated by a teacher of the discipline concerned, but other than the Course Instructor, who shall be nominated by the Director Education.

Make-up Examination

If a student misses an examination (other than a quiz) on account of some valid reasons, he/she may submit a petition along with the prescribed fee (Rs. 100/- for mid-term and Rs. 200/- for end-term examination per course) for permission to appear in the make-up examination through the course instructor, advisor and the Head of the Division to the Dean concerned within three days of the completion of the examination. If the Dean is satisfied that the student was not able to appear in the examination for valid reasons, he may direct the teacher to hold a special make-up examination of the student and endorse a copy of the order to the Examination Cell and Registrar for being recorded in the student's personal file in the University.

A student is permitted for make up examination under the following circumstances:

- a. In case he/she has taken leave on account of the death of close relative (father, mother, sister, brother, spouse, child or grand-parent), the occurrence being certified by a class-I gazetted officer of the UT Government,
- b. In case he is sent to represent the University in the games or co-curricular activities, as authenticated by the Dean concerned, subject to provisions of rules related to attendance and provided that such student shall be exempted from payment of fee for makeup examination,
- c. Results of make-up examination will count along with the previous performance of the student during the semester for awarding the final grade in the course concerned. It will be the responsibility of the student to get in touch with his teacher and ascertain the dates of the make-up examination,
- d. In case of a mid-term examination, the student will be required to take the make-up examination within 15 days of the date of the examination so missed. Only one such examination will be conducted for each course and if a student fails to appear on that date, he/she will forfeit the claim for the make-up examination, and
- e. In case of the final examination, the make-up examination will be taken by the student within 20 days from the date of the commencement of the next semester. Only one such examination will be held for each course. However, if a student fails to appear in such examination, he will forfeit the claim for the make-up examination.

Weightage to various types of examinations

Weightage given on the following basis to the course of B.Sc. (Hons.) Agriculture offered before Academic Session 2016-17 and B.Sc. Biotechnology programme offered before Academic Session 2017-18.

Type of Examination	Courses with Practical	Courses without Practical	Courses with only Practical
Quiz 1	5	10	10
Mid-term	20	30	30
Quiz II/Assignment	5	10	10
End term	50 (T)+20(P)	50(T)	50 (P)

The weightage in examination for course of B.Sc. (Hons.) Agriculture offered form Academic year 2016-17.

Type of Examination	Courses with Practical	Courses without Practical	Courses with only Practical
Midterm (internal assessment)	30	40	40
Assignment (internal assessment)	05	10	10
End term	50 (T)+15 (P)	50(T)	50 (P)

Change/ addition/ withdrawal of courses

- An application for change of course, including any addition or withdrawal, shall be made on the prescribed Proforma along with a fee of Rs.200/-. Fee may be exempted by the Dean concerned when the change of course is necessitated on administrative considerations.
- The last date for adding a course shall be a working day immediately following the expiry of 10 working days from the date the course work started in a semester.
- The last date for withdrawal from a course shall be the working day immediately following the expiry of ten days from the date of mid-term examination of that particular course.
- If a student has not withdrawn but failed to attend the course after the date prescribed in the academic calendar, he will be deemed to have failed in the course and shall be awarded 'F' grade.

Supplementary examination

The supplementary examination shall be allowed to B.Sc. (Hons.) Agriculture and B.Tech. (Biotechnology) students only.

Conditions under which the supplementary examination shall be allowed are:

- The student must have appeared in all the examination registered by him/her in the given semester.
- The student should not be short of minimum prescribed attendance i.e., 75% in theory and practical separately.
- Supplementary examination is allowed to student failing in maximum of two courses; if a student fails in more than two courses, he/she shall not be permitted to take supplementary examination.
- Students interested to avail opportunity of the supplementary examination apply for it through advisor, Head of the Division where course is taught and Dean of the Faculty concerned within three working days of declaration of result.
- The student shall have to pay a fee of Rs.1000/- per course and the amount is to be deposited in account of Examination Cell.
- Supplementary examination is held within 15 days of the notification of the result.

The distribution of marks in supplementary examination is as under:

Type of course	External (%)	Internal (%)
Course with practical	75	25
Course without practical	100	Nil
Course with practical only	nil	100

- Student who fails to obtain prescribed grade/credit points in supplementary examination shall have to register for the same course(s) with regular batch when course(s) are offered.
- All the formalities regarding conducting of supplementary examination are observed by the examination cell, on the pattern of the End Term Final Examination.

Award of grades

- a. At the end of each semester students in each course are graded on the basis of the cumulative results of different kinds of tests and examinations and on the basis of performance in the laboratory and the library assignments, special problems, seminars and other types of exercises.
- b. The grades earned by a student in each course are sent in the prescribed proforma to the Registrar.
- c. The sum of the marks awarded to each student in a course is rounded off to two decimal points by the instructor. For rounding, the last digit which is ≥ 5 shall be rounded off to the next digit for calculating grade point.

Sl.No.	Percentage of marks obtained in a particular course	Corresponding grade points
1.	100.00	10.00
2.	86.64	8.66
3.	78.88	7.89
4.	96.50	9.65
5.	76.73	7.67
6.	76.75	7.68
7.	45.50	4.55
8.	<50	Fail
9.	Shortage of attendance (<75%)	Fail

- d. From grade points for different courses taken by a student in a semester, the grade point average (GPA) of the semester are calculated taking into consideration the credit hours of different courses. Similarly, the overall grade point average (OGPA) of the student is calculated by taking into account the cumulative credit hours and the cumulative credit points.
- e. If an undergraduate student obtains less than 50.0 percent marks in a particular course he/she is awarded 'F' grade.
- f. Similarly, if a postgraduate student obtains less than 60.0 per cent marks in a particular course, he is awarded 'F' grade.
- g. No credit points are awarded for a course in which the student obtains 'F' grade. The student shall be required to repeat all the courses in which he/she has obtained 'F' grade for successful completion of the degree programme.
- h. The Head of the Division sends the marks obtained by students in different examinations to the Dean who forwards it to I/C Examination Cell, where from the grades obtained by a student are forwarded to Registrar.

- i. If the result of course(s) is/are not received by the Registrar in respect of a student up to the end of the subsequent semester, the student is automatically awarded 'F' grade in that/those course(s) and the result declared accordingly, unless intimation is received within this period from the Dean concerned that a particular result has been withheld for reasons to be specified in the communication.

Significance of grades

In addition to the grade points, the significance of the various grades shall be as follows:

- F- Fail
 - Incomplete
 - S- Satisfactory
 - US- Unsatisfactory
 - W- Withdrawn
 - NC- Non-Credit Course
 - 'R' Superscript - Repeated course
- a. In order to complete a course and earn the grade point corresponding to the course, a student is required to get a minimum of 5.00 (10.00 basis) grade points in case of undergraduate students and 6.00 (10.00 basis) grade points in the case of postgraduate students.
 - b. A student, who has failed in a particular course but has attended the requisite number of classes, may register for the same course when it is offered regularly to the next class. It will be compulsory for such students to meet attendance requirements in theory as well as in practical along with regular classes in this repeat course. They will be required to appear in all the examinations/assignments etc. along with regular class. These courses will be designated as special courses. If a student taking a special course again fails, he/she will have to take it subsequently whenever offered as a regular course, and will have to meet all the requirements including attendance in theory and practical as well as the examinations. The students may be allowed to register for special courses in a semester, within the maximum prescribed limit of credit load. The students on good standing may be allowed to register for one additional special course in addition to the maximum credit load.
 - c. When a student gets grade "F" in a course, the grade points corresponding to that course shall not count for graduation requirements but the credits and grade points shall be taken into account for computing the grade point average subject to the provisions of RRI.
 - d. An instructor awards 'W' in his/her course only to a student who has been permitted to withdraw from a course.
 - e. Research work done at the postgraduate level may extend to two or more semesters. The progress made during each semester shall be graded as 'S' or 'US'. If a student does not put in the required effort for the credits for which he was registered, the Major Advisor may either award him 'US' grade for the entire credits for which he/she was registered or may give 'S' grade for the reduced number of credits. Credits corresponding to research for the semester shall count towards graduation requirement only if the student gets 'S' grade for research during the semester. 'S' and 'US' grades shall also be awarded to indicate:

- i. that a postgraduate student has passed (S)/failed (US) in the written comprehensive examination.
- ii. that a Ph.D. student has passed (S)/failed (US) in the preliminary oral examination.
- iii. that a student has passed (S)/failed (US) in non-credit courses.

Incomplete Grade

- a. When a student can't complete final examination on account of some valid reason with the permission as mentioned under the regulations for make-up examination, he may be awarded grade 'I' provided that she/he is satisfied that the student's progress in the studies, his attendance and his performance in the other tests and assignments have been satisfactory as per the regulations. When 'I' grade is awarded in a course, the Registrar shall declare the result of the student without taking into account that course. The result in that course shall be kept in abeyance till such time make-up test is held and the final grade submitted in accordance with the provision of these regulations.
- b. On receipt of the final grade as indicated above, the Registrar shall issue the revised semester report in respect of the student.

Answer books

Answer books of all the tests and examinations except that of end-of-semester examination are shown by the instructor(s) to the students for their satisfaction. The teachers concerned keeps the answer-books for one semester following the semester in which examination was conducted. After that period, the teacher/ examination cell may dispose of the answer-books.

Representation for rechecking

- a. Re-evaluation of end-term answer books is not allowed to the student.
- b. Re-checking of end term on the request of student concerned, after paying Rs. 500/- per paper is allowed.

The student can represent to seek re-checking of the grade within 3 days of announcement of result to Director Education through the Head of Division/Section and Dean concerned. Director Education after going through all documents and after getting satisfied about that there has been a genuine mistake makes necessary rectification with the recording of the circumstances of error. The Registrar thereupon, issues a revised semester report. Such corrections are normally be reported to the Registrar within seven (7) days of the declaration of the result.

Examinations for course-work of postgraduate programmes

- a. All PG students take examinations in the various courses included in the approved programme of study in the major, minor and supporting fields and is required to obtain acceptable grade as prescribed in these regulations.
- b. The teacher(s) conducting a course of study is responsible for judging and guiding the students' performance in the subject concerned through quiz examination, special assignments, midterm examination and the end term (final) examination.

Written comprehensive examination (For PG students)

- a. No postgraduate student is admitted to written comprehensive as the case may be, unless he/she has completed at least 75% of the prescribed course in major and minor disciplines separately.
- b. For Master's and Doctoral programmes, the students is required to pass a written comprehensive examination covering the course offered in the major and minor disciplines of the study. The comprehensive examination is arranged by the Examination Cell and conducted only once in a particular semester.
- c. For Master's programme there is one written paper for courses covering major discipline and one paper for courses covering minor discipline of the study and each paper carrying 100 marks.
- d. For Doctoral programme two written papers for courses covering major discipline and one paper for courses covering minor discipline of the study are conducted each carrying 100 marks.

- e. The examinations are conducted in 1st fortnight of every semester for Major courses and 2nd fortnight of every semester for Minor courses. A Master's or Doctoral student has to appear for these examinations in same semester.
- f. To clear the written comprehensive examination, the student is required to obtain at least a grade point of 6.00/10.00
- g. A Master's student has to successfully complete the written comprehensive examination before the submission of the thesis. The viva voce of comprehensive examination for Masters' students shall be conducted along with the viva voce examination of the thesis by the advisory committee with an additional expert from outside the University appointed by Director Education.

Preliminary oral comprehensive examination (for Ph.D. students)

- a. All students in Ph.D. programme are required to pass a preliminary oral examination to testify to the knowledge gained in the major and minor disciplines of the study. The preliminary oral examination covers both major and the minor disciplines of the approved programme of the study.
- b. The preliminary oral examination is conducted by the Advisory Committee with an additional expert from outside the University to be appointed by the Director Education. The external member shall be specialist in the major discipline of the student's programme of study.
- c. A Ph.D. student after passing written comprehensive examination is allowed to appear for oral comprehensive examination in the same semester.
- d. A student failing in the preliminary examination is allowed to re-appear at the subsequent examination to be held, in the manner prescribed, but not earlier than 3 months from the date of the first examination. If a student fails for the second time he shall not be allowed to continue as student in the University nor shall he/she qualify for award of Ph.D. degree.

Note: For doctoral programme the preliminary oral examination shall not be held before qualifying written comprehensive examination.

Procedure for conductance of comprehensive examinations

a. Written comprehensive examination

The comprehensive examination is conducted as under:

- i. The written comprehensive examinations are conducted at a centralized place by the Examination Cell.
- ii. The paper setting and the evaluation of the answer sheet(s) is done by the External Examiner(s).
- iii. At the beginning of each academic session, the Dean concerned obtains a panel of 10-15 External Examiners, along with their fields of specialization, from the Head of the Division concerned.
- iv. Out of the panel the Dean short lists three names and forward to the Director Education for final selection of the External Examiner. Director Education then selects the External Examiner from within the panel for setting the paper and evaluation of the answer sheet(s).

b. Oral comprehensive examination and thesis viva voce

Procedure for conducting oral comprehensive examination and Thesis viva voce is as under:

- i. At the start of the each academic year, the Dean concerned, seeks a panel of 10-15 External Examiners, along with their field of specialization and their contact details, from each Head of the Division. The oral comprehensive panel is constituted from these 10 to 15 experts by the Head in consultation with Advisor.

- ii. The Dean selects three names out of the panel and the same are forwarded to the Director Education for selecting the External Examiner from within the panel for conducting the oral comprehensive of the Ph.D. students,
- iii. Similarly, in case of the thesis viva voce, at the start of the academic year the Dean concerned obtains a panel of 10-15 External Examiners, along with their field of specialization, from each Head of the Division and their contact details. The viva voce panel is constituted from these 10 to 15 experts by the Head in consultation with Advisor.
- iv. The Dean then selects three names out of the panel and the same along with the thesis/theses are forwarded to the Director Education.
- v. Director Education selects the External Examiner(s) from within the panel for conducting the thesis viva voce of the students.
- vi. Director Education through the Examination Cell takes up further correspondence with external examiner for getting their acceptance to act as External Examiner. Date of oral comprehensive examination are finalized by the Director Education in consultation with the external examiner and intimated to the Dean concerned so that the Advisory Committee and the student are intimated well in time.
- vii. At the time of the submission of the thesis (paper bound), the thesis neither contains the name of the student nor the names of the Advisory Committee members. Therefore, the Acknowledgement page, Certificate I, II, III, etc., are not be attached with the thesis. Instead, coded name of the student and the Major Advisor are mentioned on the thesis by the Director Education while sending the thesis for evaluations.
- viii. The oral comprehensive examination and the thesis viva voce examinations (except Ph.D. programme) are conducted in a designated room in each Faculty, having the CCTV and audio recording facilities.
- ix. Examination Cell makes all the arrangements regarding the conduct of the oral comprehensive and thesis viva voce examinations, including arranging the transportation and the stay of the External Examiner.

Sending of thesis to and evaluation by External Examiner(s)

Master's programme

- a. The thesis submitted by a student is sent to one External Examiner for evaluation who is appointed by the Director Education from a panel of at least 3 names recommended by the Dean out of 10-15 recommended by Head of the Division concerned in consultation with major advisor.
- b. The external examiner after evaluation submits a confidential report on the prescribed proforma commenting on the thesis and recommending its acceptance or rejection. If the thesis is rejected by the external examiner, the case is submitted by the major advisor to the advisory committee of the student for decision. If the advisory committee agrees with the external examiner, the thesis is rejected. In case, the advisory committee does not agree with the recommendations of the external examiner, the thesis is again sent to another external examiner and the comments of such external examiner shall be final.

Ph.D. programme

- a. The thesis submitted by a student is sent to two External Examiners for evaluation who are appointed by the Director Education from a panel of at least 3 names recommended by the Dean out of 10-15 recommended by Head of the Division concerned in consultation with major advisor.

- b. The External Examiners submit their reports in the prescribed proforma commenting on the thesis and recommending its acceptance or rejection. The External Examiner send their reports on the thesis to the Director Education.
- c. In case both the original External Examiners reject a thesis, the thesis is rejected for award of the degree and the student is dropped from the University without any right to re-admission.
- d. In case, one of the external examiners rejects the thesis for award of the degree, the thesis is sent to third expert out of already recommended original panel for the thesis for scrutiny and independent evaluation.
- e. In case, the third additional member recommends the thesis for award of degree, her/his recommendation is accepted. If the third additional member also rejects the thesis, the thesis is not accepted and the student is permitted to continue the work and/or re-write the thesis and submit the same after a lapse of at least one semester. However, if the thesis is again rejected after resubmission the student is not permitted to submit the thesis at third time.

No postgraduate thesis is sent for evaluation unless

- a. It has been computer typed and bound as specified.
- b. Is accompanied by a certificate from Major Advisor that the work reported in the thesis is the original research work of the student and has been conducted under direct supervision of the major advisor.

Thesis viva voce/final examination

Master's programme

- a. On receiving a satisfactory report on a thesis for Master's programme from the external examiner, the student is admitted to thesis viva voce and oral comprehensive examination within 4 weeks of the recommendation of the external examiner.
- b. The viva voce examination of the thesis and oral comprehensive examination is conducted by the student's Advisory Committee and one external examiner to be appointed by the Director Education, in consultation with the Dean and major advisor of the student. The external examiner shall be a specialist in the student's major discipline of study.

Ph.D. programme

- a. When the thesis submitted by a student is accepted for award of the degree on the unanimous recommendations of the examination committee, the student is admitted to final viva voce examination, within 4 weeks of the receipt of the unanimous recommendation of the thesis.
- b. The final viva voce examination is conducted by the student's advisory committee and one of the additional members who has examined and read the thesis of the student.
- c. An open thesis viva voce examination, based among other things, on the critiques given in the evaluation report, is conducted in the Division of major subject by the Major Advisor and at least one of the two External Examiners who have evaluated the thesis and is open to be attended by Members of the Research Advisory Committee, all Faculty members, other research scholars and other interested experts /researchers.

Examination fee

Particulars	Graduate (Rs)	Master's (Rs)	Doctorate (Rs)
1 st admission	1000	1000	1000
Subsequent admissions	1000	1000	1000
Rechecking fee	Rs 500 per paper		
Supplementary*/ Compartment**	Rs1000/600 per paper		

* Undergraduate, Faculty of Agriculture

** Undergraduate, Faculty of Veterinary Sciences & Animal Husbandry

6.5.4.6. NCC/NSS/RVC Units

The faculty of agricultural sciences has an active NSS program where 1st, 2nd and 3rd year students are involved in various environmental and social activities. Salient activities include social awareness in nearby areas, visit to orphanage and social aids, consciousness about environment protection, cleanliness and hygiene in the campus, weed control, art and poster drawing competitions, invited seminars by health experts, etc. The program helps to inculcate a social responsibility in the participating students that are received with a very enthusiastic and eager response.




NSS SKUAST-Jammu taking part in various activities



NSS SKUAST-J, contribution toward Armed forces Flag Day Fund in 2019



NSS SKUAST-J celebrating earth Day and display of paintings made by students


GOVERNMENT OF KERALA

36528/Funds-2/18/Fin Finance Fund Department
Thiruvananthapuram
Dated 26-09-2018

From:
Principal Secretary(Finance)
Govt. Secretariat,
Thiruvananthapuram.

To:
NSS SKUAST-Jammu

Sir/Madam,

Sub : Contribution received towards Chief Minister's Distress Relief Fund - Receipt Forwarding- Reg.

Please find enclosed receipt for your valuable contribution towards Chief Minister's Distress Relief Fund through electronic transfer No 107440305465 for ₹. 18200/- (Rupees Eighteen Thousands Two Hundred only)

Thanking you

Yours faithfully
Mangalath
Principal Secretary(Finance)

Encl Receipt No 275015379415162 dated 26-09-2018 for ₹. 18200/-



Contribution of NSS SKUAST-Jammu toward Kerala Flood Victims in 2018

6.5.4.7. Language Laboratory

The Faculty of Agriculture has one UG course in Comprehensive and Developing Communication Skills in English. Postgraduate students are required to enrol themselves in a compulsory non-credit course Technical Writing and Communications Skills (PGS-502, 0+1). Besides, many literary activities, symposium and debates, student seminars are routinely held to hone the communication and language skills of the students.

6.5.4.8. Cultural Centre

The Faculty encourages the participation of its students in all diverse cultural activities that are organized by the Dean (Students' Welfare) of the University. Besides, routine activities are organized and involves all students as a part of the cultural exchange programme under Indian Council for Cultural Relations (ICCR) Jammu chapter as part of their continuous and international cultural program. The campus and hostels also form a part of the larger cultural amalgamation of students from various parts of the country, where they are exposed and mingle under a common banner.

6.5.4.9. Personality development

As a part of the personality development programme, students are always encouraged to communicate in clear, concise and precise language. The students get an opportunity to sharpen their speaking and communicative skills by way of countless student seminars, student demonstrations, deliberations and discussions, written and oral examinations in every course. More opportunity arise in student participations in competitive literary and symposium organized from time to time. Such myriad verbal exercises give ample opportunity to sharpen the communicative skills and confidence that build their personality.

S. No.	Name of official	Designation	Date
1	Maj. Gen. (Retd.) M.L.Sharma	CEO, BROOKE India	22.09.2016
2	Dr. KavitaSuri,	Director, Department of Lifelong Learning, University of Jammu and Member, J&K State Women Commission	17.11.2016
3	JK Bank Officials	JK Bank Jammu	03.02.2017.
4	Radio Jockey-Hunt 2017	Radio Mirchi, Jammu	09.05.2017.
5	Dr. R.K. Pannu,	Former Dean, College of Agriculture, CCS HAU, Hisar	03.03.2017
6	Officials from Agri Career	Agri Career, Connaught Place, New Delhi	15.09.2017
7	Dr. R. Visvanathan (Ph.D.)	Professor, Agricultural Processing	22.03.17
8	Mr. Amit Sharma (KAS)	Managing Director, SIDCO, Jammu	April 21, 2017
9	Radio Mirchi 98.3	Radio MlRchi 98.3 Jammu	Nov. 24, 2017
10	Mr. Sandeep Choudhary (IPS)	Superintendent of Police, South Jammu, J&K	November 29, 2017

11	Officials from USIEF	The United States – India Education Foundation (USIEF)	February 20, 2018
12	Dr. Owais Ahmad (IAS)	Addl. Secretary, Govt. of J&K	27.04.2018
13	Radio Mirchi (Campus Rockstars)	Radio Mirchi Jammu	August 31, 2018.
14	Sh. Akshay Labroo, IAS	IAS Probationers J&K Government	August 20, 2018
15	Sh. Rahul Bhat, IFS	IAS Probationers, J&K Government	August 20, 2018
16	Dr. Bilal Mohiuddin Bhat IAS	IAS Probationers, J&K Government	March 15, 2019
17	Officials from USIEF	The United States – India Education Foundation (USIEF)	March 25, 2019
18	Interactive session was organized between fresh Civil Services qualifiers – 2018 and students of SKUAST-J.	District Police, J&K	24.04.2019.
19	Sh. Sanjay Misra	Sr. Manager, HRD, United Phosphorous Limited, Samba	May 09, 2019.
20	Dr. Varun Arya	Founder & Director, Aravali Institute of Management, Rajasthan	13.11.2019
21	Virtual conference on “Centrally Sponsored Schemes and Incentives for Agriculture Technocrats for setting up of Agricultural Infrastructure”		6.02.2021

Featured activities



Official of Agri Career, Connaught Place, New Delhi during one day counselling session at SKUAST-J



Dr.Owais Ahmad, IAS, Addl. Secretary, Govt. of J&K integrated with the students



Dr. Bilal Mohiuddin Bhat, IAS sensitized the Students for civil services. .



Dr. Kavita Suri, Director, Department of Lifelong Learning, University of Jammu and Member, J&K State Women Commission addressing the students and faculty members



Mr. Sandeep Choudhary (IPS), Superintendent of Police, South Jammu, J&K Police sensitized the students for civil services and other competitive examinations



Sh. Amit Sharma, KAS, Managing Director, SIDCO, Jammu sensitizing students about scope of agriculture graduates in industry



Education Foundation (USIEF) conducted video conferencing session on March 25, 2019 to enlighten the students and faculty about "Fulbright and Fulbright-Nehru Fellowship"



Radio Mirchi RJ-Hunt organized at SKUAST-Jammu



Maj. Gen. (Retd.) M.L. Sharma, CEO, BROOKE India and his team interacting with the students in the Faculty of Veterinary Sciences & Animal Husbandry, R.S. Pura

6.5.5. Physical facilities

6.5.5.1. Hostels:

The University has two on-campus hostels, 01 for boys and 02 girls that sufficiently caters needs of FBSc. Both the hostels have student amenities such as Mess facility, Drinking water facility, Indoor games and Emergency medical facility. Cleanliness and hygiene of the hostels are given due importance.



Sankalp Boys Hostel



Urja Girls Hostel

6.5.5.2. Examination hall

The Faculty has three university level examination halls for conducting examinations of the students. The routine examination hall with sitting capacity of 400 students also has CCTV surveillance system.



Entrance Examination being conducted by SKUAST-J in October, 2020 in Examination Halls

6.5.5.3. Sports and Recreation Facilities:

The Faculty has facilities for indoor games such as badminton, table tennis and outdoor games such as volley ball, basketball, gym etc. at university level. These facilities are maintained under Dean Students' Welfare of the university.

6.5.5.4. Auditorium:

The Faculty has a Deans Committee room at faculty level in addition it has a Conference Hall with sitting capacity of around 200 peoples and a auditorium at university level with sitting capacity of approx. 1000 people. These facilities are regularly used for convening meetings, faculty celebrations, and organization of academic events such as conference, seminar, symposia etc.

6.5.5.5. Exhibition Hall / Museum:

- The Faculty has a university level museum.
- Museum displaying various technologies and horticulture models is being maintained in the Division of Fruit Science.
- During organization of different events viz. conferences, seminars, workshops and Kisan Mela, technologies are displayed for the information to farmers, participants and delegates.

6.5.6. RESEARCH FACILITIES

6.5.6.1. PG laboratories and Equipment

The list of PG laboratories and equipment available in Faculty of Agriculture, Chatha is given below:

S.No.	Name of the Lab	Equipments available
Division of Agroforestry		
1.	PG Laboratory	Seed germinator, Flame photometer Spectronic 20, Ravi Altimeter, Clinometer, pH & conductivity meter, Oven, GPS
School of Biotechnology		
1.	Genomics Laboratory	96 Wells PCR (01), Refrigerated Centrifuge(02), Gel Documentation System (1), Spectro Photometer(01), Electrophoresis units (02), Hot Water Bath (01), Deepfreezer -20 °C (01), LN2 container 10 lit (01), transilluminator (01), Microwave Oven (01), Online UPS 5KVA (01), Weighing balance (01), Refrigerator (01)
2.	Central laboratory	96 Wells PCR 96 Wells PCR (02), Refrigerated Centrifuge (01), Electrophoresis Units (03), Deep Freezer -20 °C (01), Microwave Oven (01), Microcentrifuge (02), Online UPS 5KVA (01), Hot Water Bath (01), LN2 Container (40 lit.)
3.	Plant Molecular Biology Laboratory	96 Wells PCR (01), Online UPS 2KVA (01), Microwave Oven (01), Microcentrifuge 24 well (02), Weighing balance (01), Vortexer (01), Biospectrometer (01), Deepfreezer -20 °C (01), Refrigerator (01), Double Distillation Plant

4.	Rice Molecular Biology Laboratory	Thermocylers (04), Seed Divider (01), Seed counter (01), Seed Moisture Meter (01), Refrigerated Centrifuge (01), Microcentrifuge 24 well (02) Microcentrifuge 24 well (01), Spinwin (02), Vortexer (01), Hot Air Oven (01), Spectrophotometer (01), Whole Grain Analyser (01), Gel Documentation System(01), Incubator Shaker (01), Microwave Oven (01), Nitrogen Analyser (01), Electrophoresis Units (2), Deepfreezer -20 °C (01), BOD incubator (01), Refrigerator (01), Desktop Computer with printer (01), Hotplate with stirrer (01)
5.	Quality Laboratory	Atomic Absorption Spectrophotometer (01), HPLC (01), GC (01), Mini Rice Sheller (01), RT PCR (01)
6.	FIST Laboratory	Gel Documentation system (01), Refrigerated Centrifuge (01), Spectrophotometer (01),
7	Biochemical and Proteomics Lab.	Refrigerated Centrifuge (01), Electrophoresis Units (02), Soxhate apparatus (01), Mechanical shaker (01), Rocker shaker (01), Rotary evaporator (01), Deep Freezer -20 °C (01), Online UPS 5KVA (01), Refrigerator (01)
8.	Heavy Instruments lab.	Plant Growth Chamber (01), Seed Germinator (01), Deepfreezer -80 °C (02), Water Purification System (01), Ice Flaking Machine (01)
Division of Agricultural Engineering		
1.	Farm Machinery &Power (UG/PG)	Animal drawn tools and equipments, Tractor drawn tools and implements, Cut sections of tractor systems
2.	Food &Process Engineering (UG/PG)	Cut section of AC; Different models of processing machinery; Portable solar dryer,
3.	SWC/Irrigation and Drainage Engineering (UG/PG)	Micro irrigation systems; Water measuring devices; Pumps; Infiltrimeters; Augers; Ovens
4.	Workshop for Farm Machinery Testing (UG/PG)	Lathe machine; Shaper; Drilling Machine; Material Cutting Machine; Air Compressor; Welding Machine;
Division of Fruit Science		
1.	UG Lab; Quality Control Lab; Virus Indexing Lab	Micro-centrifuge Midi Gel electrophoresis Deep Freezer (vertical) Electrophoresis system Universal Gradient Cyler (PCR) Minilumi (Geldoc) Refrigerator (LG) Magnetic stirrer with Hot Plate Vortex Shaker Digital Electronic Balance Water Distillation unit 5 KVA UPS (Uniline) Water Bath (Double walled) GPS (Garmin Montana) Digital Magnetic stirrer Refrigerator

		Digital pH meter Autoclave Electronic balance Genset 25 kva (diesel) Motor Power sprayer pump Laminar Air Flow Poly house Cryocane (cap. 07 L & 20 L) Water Bath (serological) Microwave Oven Elisa Reader E.C. Elisa washer Digital Vernier Calliper Digital hand Refractometer Brush Cutter Digital moisture meter Soil Thermometer Chain Saw Brush Cutter Soil Tensiometer 60 cm Soil Tensiometer 30 cm
Division of Agronomy		
1.	UG & PG Laboratory	Spectrophotometer, Flame Photometer, Nitrogen analyser Hot plate, Muffle furnace, Ovens, Grinder BOD Incubator, pH meter, Distillation apparatus Shakers
Division of Sericulture		
1.	PG Laboratories Silkworm Rearing Labs. Egg Incubation Room Mulberry Farm Mulberry gene bank	Silkworm rearing facilities, Refrigerator, Digital Electronic Balance, Electronic balance, Centrifuge BOD incubator, Hot Air Oven, Cocoon Stifling Machine
Division of Plant Breeding and Genetics		
	UG Teaching Lab.	Microscopes (12)
	PG Teaching lab. Molecular Lab. Tissue culture Lab. Cytogenetics Lab. Nematology Lab.	Microscopes (03), Laminar Flow (02), Auto clamp (01), Thermocycler (04), Spectrophotometer (02), Gel documentation system (01), Refrigerated Centrifuge, pH Meter (02); Electronic Balance (02), Refrigerator (2) etc.
Division of Food Science and Technology		
	UG/PG Laboratories	Refrigerated-centrifuge, Freeze drier, Deep Freezer, Spectrophotometer, Rotary evaporator, Refrigerator, Soxhlet, Hunter lab colorimeter, HPLC, Water Distillation unit, Moisture analyser, AAS, Water Bath, Digital pH meter, Autoclave, Refrigerator, Furnace, Shrink wrapping machine, Electronic balance, Crown corking machine, Pulper, Juice extractor, Refractometers, Sealing machine

Division of Entomology		
	UG/PG laboratory	Leica microscope, Burkard pesticide testing equipments Oven, Centrifuge, GC-MS, Electronic balance, BOD Refrigerator, Vortex shaker , Muffle furnace, Vertical electrophoretic Unit, Distillation unit, Laminar flow Microscopes different types (20)
Division of Vegetable Science and Floriculture		
	PG Lab	Distillation apparatus, Seed germinator, Hot Air Oven, Micro stirrer, Weighing Balance etc.
	Tissue Culture Lab	Tissue culture racks, Hardening chambers, Spectro- photometer, Inoculation chambers etc.
Division of Soil Science & Agricultural Chemistry		
	UG and PG Labs	Atomic Absorption Spectrophotometer, Kjeldhal auto analyser, Spectrophotometers, CHNS analyzer, Flame photometer, BOD, hot air ovens, Water purifier, distillation apparatus, pH and EC meters, digestion assembly, Yorder's apparatus, deep freezer, penetrometer, permeability apparatus, online UPS, etc.
Division of Agricultural Economics and Agri Business Management		
	PG Laboratories	Computers with Networking facilities

6.5.6.2. Research Contingency available

The division wise research grant made available to various divisions is presented below

NAME OF DIVISIONS	1-Apr-2019 to 31-Mar-2020		1-Apr-2020 to 31-Mar-2021	
	State Non Plan	ICAR Development	State Non Plan	ICAR Development
Agri Engineering	140583.00	8300.00	422644.00	95975.00
Agri Eco.& ABM	86834.00	12040.00	104823.00	66659.00
Agro-Forestry	96969.00	--	241218.00	108784.00
Agronomy	173956.00	-	253597.00	125296.00
Entomology	158806.00	28580.00	209998.00	97773.00
Agri. Extn education	70087.00	15000.00	140073.00	40088.00
Food science Technology	119230.00	45176.00	321279.00	100360.00
Fruit science	190146.00	-	688148.00	68687.00
Plant Breeding & Genetics	87527.00	-	164254.00	90402.00
Plant Pathology	176502.00	-	288630.00	105871.00
Sericulture	133336.00	-	217999.00	98446.00
Soil science & Agril Chemistry	199830.00	-	94314.00	107806.00
Vegetable sciences & Floriculture	172822.00	13200.00	483986.00	179091.00
Fisheries	144682.00	-	378137.00	-
Landscaping & Beautification	824648.00	-	1311168.00	-
Water Mgt Multiple water use	-	-	432142.00	-
Data centre	227501.00	-	625889.00	-
Dean office	2983332.00	-	2654031.00	1563704.00

In addition to above research grant is also available to the divisions through externally funded adhoc projects and Sustainability Head of School of Biotechnology

6.5.7. OUTCOME/OUTPUT

6.5.7.1. Students' performance in National Examinations

The detail of students' performances in JRF/SRF/NET/ARS/and other national examinations for last five years are given below:

S. No.	Division	National Examination	Number
1	Division of Agroforestry	ARS	01
2	School of Biotechnology	JRF (CSIR)	01
3	Division of Agricultural Engineering	-	-
4	Division of Fruit Science	JRF (NTS) SRF (ICAR)	01 01
5	Division of Food Science and Technology	SRF (02 CSIR, 04 ICMR, 01 INSPIRE)	07
6	Division of Entomology	NET	08
7	Division of Entomology	INSPIRE	02
8	Division of Vegetable Science and Floriculture	-	-
9	Division of Agricultural Extension Education	SRF (ICAR)	01
10	Division of Agricultural Economics and Agri Business Management	SRF (ICAR)	01
11	Division of Soil Science and Agricultural Chemikstry	ICAR-NET	03
12	Division of Plant Breeding and Genetics	ICAR-NET	01

6.5.7.2. Students' Placement Profile (2016-20)

The placement profile of students of Faculty of Agriculture in the last five years (2016-17 to 20120-21) is presented below

	2016-17	2017-18	2018-19	2019-20	2020-21
Joined in Govt. Service	07	12	16	25	04
Joined in industry	03	-	02	-	02
Self employed farming	-	-	-	-	-
Business	-	-	-	-	-
Further education	-	-	-	-	-
Others	-	-	-	-	-
Total	10	12	18	25	06

**Yearwise details of placement is given as Annexure - I*

6.5.7.3. Awards/Recognitions/ Certificates

The information in tabular form regarding Awards/Recognitions/ Certificates obtained by the faculty (Year Wise 2016-17 to 2020-21) is given below:

S. No.	Name of the recipient faculty	Name of the award/ certifications	Faculty/ Student	Year of award
School of Biotechnology				
1	Dr. R.K. Salgotra	Australian Govt. Fellowship	Faculty	2018
2	Dr. R.K. Salgotra	Star Scientist Award 2020 by SKUAST-Jammu for bringing externally funded project of 1 crore and above	Faculty	2018
3	Dr. G.K. Rai	Young Scientist Award by EET CRS Noida, UP	Faculty	2018
4	Dr. G.K. Rai	Scientist of the year award by Agricultural Technology Development Agency (ATDS), Ghaziabad, UP	Faculty	2018
5	Dr. G.K. Rai	Rashtriya Gaurav Award by International Friendship Society, New-Delhi	Faculty	2019
6	Dr. Susheel Sharma	International Travel Grant under ITS by SERB, New-Delhi for presenting research paper at Dijon, France	Faculty	2019
Division of Fruit Science				
1	Dr. Kiran Kour	Rising Woman of India from Friendship Forum of India, New Delhi	Faculty	2017
2	Dr. Kiran Kour	Bharat Excellence Award from Governor of Sikkim	Faculty	2017
3	Dr. Kiran Kour	Chiranjit Parmar Distinguishing Publication Award in Wild Fruits	Faculty	2017
4	Dr. Akash Sharma	Young Scientist Award by Mahima Research Foundation, Banaras	Faculty	2017
5	Dr. Akash Sharma	Young Horticulture Scientist Award from Society for Horticulture Research and Development in India, Chitrakoot	Faculty	2020
6	Dr. Akash Sharma	Young Horticulturist Award from Agro Development Society, Solan	Faculty	2019

Division of Agronomy				
1	Dr. B.C. Sharma	Innovation Award by SKUAST-Jammu	Faculty	2019
2	Dr. Meenakshi Gupta	SCSI special Research Award 2019 conferred by Soil Conservation Society of India on 29-12-2020 during 29 th National web conference on Sustainable Soil and water management for Bio-diversity conservation, Food security and climate resilience held on 29 th - 30 th Dec. 2020.	Faculty	2020
3	Dr. Manpreet Kour	Conferred with e- poster presentation award to Manpreet Kour <i>et al</i> on eposter entitled, "Agronomic interventions to increase the round the year green fodder supply to dairy animals under pandemic conditions of Jammu" presented in two-day e- conference on 'COVID-19 Pandemic : Emerging Challenges and Future Strategies held on 27 th -28 th November, 2020. Organized by Kanya Maha Vidyalaya, Jalandhar.	Faculty	2020
4	Dr. Manpreet Kour	Conferred with poster presentation award to Manpreet Kour for presenting e-poster in two-day International E-Conference on "Agriculture and Biological Sciences (I-E-CABS-2020)" during December 18-19, 2020. organised by SBBS and ARD	Faculty	2020
5	Dr. Manpreet Kour	Excellence in teaching award in 2017 in International conference society for bioinformatics and biological sciences on Recent trends in bioinformatics and biotechnology for sustainable development during 12-13, October ,2017 at SKUAST-Jammu, FVSc & A.H,R.S Pura, Jammu	Faculty	2017
6	Dr. Manpreet Kour	Best oral presentation award in oral presentation by Kour, Manpreet,; Khan ,Nazam; Gupta, S.K.; Mahajan, Vikas and Amrutkar, Suraj A.2017. Effect of azolla (<i>Azolla pinnata</i>) supplementation on milk yield, composition and economics of crossbred cows paper presented in International conference society for bioinformatics and biological sciences on Recent trends in bioinformatics and biotechnology for sustainable development during 12-13, October , 2017 at SKUAST-Jammu, FVSc & A.H,R.S Pura, Jammu.	Faculty	2017

Entomology				
1	Dr. R.K. Gupta	2nd Best Poster Award, Ranchi	Faculty	2017
2	Dr. R.K. Gupta	Awarded Fellow Society for Bio-control Advancement (SBA).	Faculty	2017
3	Dr. R.K. Gupta	Best Poster Award In: National Conference on “Innovative Technological Interventions for Doubling Farmers Income” (NaCITI-2018) at SKUAST-Jammu,	Faculty	2018
4	Dr. R.K. Gupta	Distinguished Scientist in Entomology by Venus International Foundation, Chennai	Faculty	2017
5	Dr. R.K. Gupta	Star scientist Award, SKUAST Jammu	Faculty	2020
6	Dr. R.K. Gupta	Best Oral Presentation award National Web-Symposium on Recent Advances in Beneficial Insects, Natural Resins and Gums jointly organized by Society for Advancement of Natural Resins and Gums (SANRAG) and ICAR – Indian Institute of Natural Resins and Gums (IINRG), Ranchi.	Faculty	2021
7	Dr. Uma Shankar	Excellence in Research Award by Samagra Vikas welfare Society Lucknow.	Faculty	2018
8	Dr. Devinder Sharma	Young Teacher Award in International Conference on Food security at Kathmandu, Nepal	Faculty	2019
9	Dr. Devinder Sharma	Best Reporting Centre (AICRP Honeybee and Pollinators, SKUAST-Jammu) by ICAR New Delhi	Faculty	2019
10	Dr. Devinder Sharma	Young Scientist Award by Mahima Research Foundation and Social Welfare, Varanasi, UP.	Faculty	2019
11	Dr. Devinder Sharma	Certificate of Appreciation by SIDAVES, at National Conference of Innovative technological Interventions for Doubling Farmers Income at SKUAST-Jammu	Faculty	2018
12	Dr. Devinder Sharma	Appreciation award in National symposium on “Ecological Sustainable Plant disease Management under diversified farming situations” organized by SKUAST-Jammu and IPS, IARI-New Delhi	Faculty	2017

13	Dr. Devinder Sharma	Best poster Presentation Award at International Conference on Food security at Kathmandu, Nepal	Faculty	2019
14	Dr. Devinder Sharma	Best paper (Oral) presentation in the Indian Ecological Society International conference SKUAST-Jammu	Faculty	2016
15	Dr. Devinder Sharma	Best paper presentation (Oral) in the XVI AZRA International Conference on "Applied Zoological Research for Sustainable Agriculture and Food Security" at BHU, Varanasi.	Faculty	2018
16	Dr. Devinder Sharma	Best poster (3 rd) presentation in the 4 th International Conference on Global Approaches in natural resources management for smart agriculture held at Modipuram UP, India	Faculty	2021
Division of Vegetable Science and Floriculture				
1	Dr. Sandeep Chopra	Excellence in Research & Teaching award in National Conference on " <i>Biotechnology: Resource Management for Sustainable nature in 21st Century</i> " at Dr. Bhim Rao Ambedkar University, Agra	Faculty	2017
Division of Agricultural Extension Education				
1	Dr. R. Peshin	Fellow, Indian Ecological Society of India	Faculty	2016
2	Dr. P.S. Slathia	OP Dhama Bhatnagar Award, Indian Society of Extension Education, IARI, New-Delhi		2018
3	Dr. J.S. Manhas	Fellow, Indian Society of Extension Education, IARI, New-Delhi		2018
4	Dr. J.S. Manhas	Young Scientist Award Indian Society of Extension Education, IARI, New-Delhi		2016-17
5	Dr. Poonam Parihar	JS Vidyarthi Memorial Award Indian Society of Extension Education, IARI, New-Delhi		2020
6	Dr. Poonam Parihar	Yashasvi Samman, RASSA India		2019

Division of Soil Science and Agricultural Chemistry				
1	Dr. Vikas Sharma	Fellow of the Soil Conservation Society of India	Faculty	2019
2	Dr. Vivak M Arya	Best research paper/poster award 1 st Asian Conference on Water & Land management for food and livelihood security at IGKVV Raipur from 20 th Jan to 22 nd Jan, 2017	Faculty	2017
3	Dr. Vivak M Arya	Best research paper award in National conference on “Natural Resource Management for Climate Smart Sustainable Agriculture at CPGS, CAU campus, Barapani, Shillong from 11 th to 13 th September 2017	Faculty	2017
4	Dr. Vivak M Arya	Best research paper award in National conference on "Impact of agricultural technologies in enhancing growth and income" at SKUAST – J from 23 rd to 24 th October 2017	Faculty	2017
5	Dr. Vivak M Arya	Best research paper award in National conference on “Innovative Technological Interventions for Doubling Farmers Income” organized at SKUAST-J from 08 th to 10 th February 2018	Faculty	2017
6	Dr. Vivak M Arya	Best research paper award in two days ‘National seminar on “Smart technologies to boost farm profitability and socio economic status of rural India” jointly organized by SKUAST Jammu and Royal Association for science led socio-cultural advancement (RASSA) 19 th - 20 th November 2018 at SKUAST –J	Faculty	2017
7	Dr. Vivak M Arya	Best research paper award in National conference on “Farmers’ Friendly Soil and Water Conservation Technologies for Mitigating Climate Change Impact” jointly organized by Soil Conservation Society of India (SCSI) New Delhi & ICAR-Indian Institute of Soil and Water Conservation Regional Centre, 31 st Jan. – 02 nd Feb. 2019 at Ooty	Faculty	2017
8	Dr. Vivak M Arya	Best research paper award in National conference on “Women Empowerment through Agro-Entrepreneurship for Livelihood Security” organized by Society for Integrated Development of Agriculture, Veterinary and Ecological Sciences 7 th - 8 th Feb. 2019 at SKUAST –J	Faculty	2018

9	Dr.Vivak M Arya	Scientific Leadership Award (2019) by <i>International Soil Conservation Organization, World Association of Soil and Water Conservation (WASWAC) & Soil Conservation Society of India (SCSI)</i> on account of his contribution in the area of climate change, soil and water conservation at NAAS, ICAR, New Delhi.	Faculty	2018
10	Dr.Vivak M Arya	Best Research Paper Award in International conference on “Soil & Water Resource Management for Climate Smart Agriculture Global Food & Livelihood Security” 05 th - 09 TH November, 2019 at New Delhi, organized by <i>ISCO, WASWAC & Soil Conservation Society of India</i>	Faculty	2019
11	Dr.Vivak M Arya	Best Research Paper Award in International conference on “Global Initiatives for Sustainable Development Issues & Strategies” at Bangkok, Thailand, 23 rd to 27 th June 2019.	Faculty	2019
12	Dr.Vivak M Arya	Best Research Paper Award in 5 th J&K Agriculture Science Congress on 5 th J&K Agriculture Science Congress on “Sol & water resource management for climate smart agriculture, global food & livelihood security” 14 th to 16 th October 2019 organized by J&K, DST & SKUAST-J	Faculty	2019
13	Dr.Vivak M Arya	Best research award in national conference & seminar on “Natural resource conservation and management” organized by prestigious ANRCM, Lucknow and ICAR New Delhi	Faculty	2020
14	Dr.Vivak M Arya	Best research paper and poster award along in an Asian conference on “Managing Hill Resources and Diversities for Zero Hunger & Climate Resilience” organized by prestigious Soil Conservation Society of India, Central University, Imphal and ICAR New Delhi	Faculty	2020
15	Dr.Vivak M Arya	Scientific Leadership Award 2020 by the prestigious International Soil Conservation Organization, WASWAC & Soil Conservation Society of India (SCSI) on account of his contribution in the area of climate change, soil and water conservation	Faculty	2020

16	Dr. Renu Gupta	2019 Outstanding Scientist G K V SOCIETY AGRA	Faculty	2019
17	Dr. Renu Gupta	International award for women research Society of Human Resource & Innovation Agra,(U.P) India	Faculty	2019
18	Dr. Renu Gupta	Distinguished scientist award 2020 in field of soil fertility and microbiology Society of (AETDS), Agriculture and Environment Technology, Uttarakhand .India	Faculty	2020
19	Dr. Renu Gupta	Outstanding scientist award in the field of Soil science society of (ATDS), Agriculture Technology Development Society (ATDS) , Ghaziabad, Uttar-Pradesh, India	Faculty	2021
20	Dr. Vikas Abrol	Star Scientist Award 2020 by SKUAST-Jammu for bringing externally funded project of 1 crore and above	Faculty	2020
Division of Agricultural Economics and Agri Business Management				
1	Dr. Sudhakar Dwivedi	Scientist of the Year Award Society of Human Resource & Innovation, Agra (U.P.)” on 20.03.2017	Faculty	2017
2	Dr. Sudhakar Dwivedi	Eminent Scientist Award Samagra Vikas Welfare Society, Luchnow (U.P.)	Faculty	2018
3	Dr. S. P. Singh	Scientist of the Year Award Society of Biological Sciences and Rural Development, Allahabad, Uttar Pradesh	Faculty	2017
4	Dr. S. P. Singh	The Yashasvi Samman award Royal Association for Science Led Socio Cultural Advancement	Faculty	2017
5	Dr. Anil Bhat	Certificate Course on Agriculture in the World Trade Organization Institute for Training and Technical Cooperation in World Trade Organization (Online)	Faculty	2020
9	Dr. Anil Bhat	SCIENTIST OF THE YEAR AWARD 2nd International Conference on “Global Initiatives for Sustainable Development: Issues and Strategies” held at Bangkok, Thailand, w.e.f June, 23-27, 2019.	Faculty	2019

The Awards/Recognitions/ Certificates obtained by the students is given below:
Students Qualifying ICAR NET exam

- Divya Sharma
- Owais Ali Wani
- Meena Yadav

Awards

S. No.	Name of student	Award
1.	Divya Sharma	2020, Student Incentive Award, SCSI, New Delhi
2.	Tejbir Bhuttar	2017, Student Incentive Award, SCSI, New Delhi
3.	Tajamul	Best PhD thesis award 2020, Agricultural & Environmental Technology Development Society (AETDS)
4.	Shalini Khajuria	Best Researcher Award, 2019. Gochar Society
5.	Dr. Vijay Kumar	Best PhD Thesis Award, SIDAVES
6.	Dr. Manoj Sharma	Best PhD Thesis Award, SIDAVES
7.	Dr. Balbir Dhotra	Best PhD Thesis Award, SIDAVES
8.	Ms. Divya Sharma	Best Poster Award, 2020, ANRCM
9.	Ms. Divya Sharma	Third Prize, e-poster Olympiad of Soil Conservation Society of India.
10.	Ms. Meena Yadav	Poster Award (3 rd), 2020
11.	Dr. Tejbir S Buttar	Best Poster Award, SCSI, New Delhi
12.	Vishwa Vikas	Best MSc. Thesis Award, SIDAVES

6.5.7.4. Employability

- The students are well versed with the challenges facing the horticulture sector. They have deep insight into the problem handling and project formulation. The skills acquired by the students will help them in facing the professional challenges at the national and international level.
- It is expected that they are capable to undertake basic and applied research to gain insights in complex mechanisms that will lead to the evolution of new crop varieties, enhanced horticultural production, and preservation of environmental quality. They are also capable to offer training and consultancy to farmers, entrepreneurs, and departmental functionaries.
- Skill development by facilitating students to use computer softwares for analysing datas and presenting ppts during seminars
- Communication skill development of students by presenting seminars and presenting oral vivas to both internal and external examiners
- Experiential learning by exposing students to RAWE programme as well as conducting handsome trainings on PCP (Practical crop production) courses
- Developing personal attributes in students by making them to participate in different committees for conducting national and International conferences/kissan melas/webinars etc.


- Skills acquired by the students will help them in facing the professional challenges at the national and international level.
- It is expected that they are capable to undertake basic and applied research to gain insights in complex mechanisms that will lead to the evolution of new suitable region/season specific silkworm hybrids, identification of mulberry varieties to enhanced silk production, value addition from silkworm biowaste, and preservation of environmental quality. They are also capable to offer training and consultancy to farmers, entrepreneurs, and departmental functionaries.
- Training is being provided to students, unemployed youth, farm women , workers of ICDS, in food processing of cereals , fruits and vegetables to develop entrepreneurship skills and create job opportunities. Students are also capable to offer training and consultancy to farmers, entrepreneurs, and departmental functionaries
- The division of Vegetable Science & Floriculture has enormous potential of training the un-employed youths to opt their ventures such as high tech nursery production in vegetables and flower crops, seed production of promising crops, value addition in flowers, landscape gardening etc. which could be a useful tool in generating self employment.
- This division is actively involved in shaping the students and make them employable.
- Group discussion sessions are also conducted.
- The Entrepreneurship Development courses/ Personality Development courses and visit to industries for the PG students are also conducted which help them for employability.

6.5.8. SSR of the College must have the SSR of all its Degree Programmes (following section 6.4), then the report of the Colleges shall be considered

- The SSR of college includes SSR of all the degree programmes wherever applicable.

6.5.9. Certificate (SSR for programmes & Faculty of Agriculture, Chatha)

I, the Dean, Dr. Bikram Singh, Faculty of Agriculture, SKUAST-Jammu, Chatha hereby certify that the information contained in Sections 6.4 and Section 6.5.1 to 6.5.7.4 are furnished as per the records available in the college and degree awarding university.


 Signature of Dean of the college with date and seal
 Dean
 Faculty of Agriculture
 SKUAST-Jammu,
 Chatha

6.5.10. Each College shall submit SSR as mentioned in 6.5.8. It shall be prerequisite for the SSR of the Agricultural University

**Self Study report of
Programmes
(Faculty of Basic Sciences)**

Programmes of Faculty of Basic Sciences (FBSc.)

The Faculty of Basic Sciences is located at Main Campus Chatha of Sher-e-Kashmir University of Agricultural Sciences & Technology of Jammu.



The faculty has the following four divisions:

- Division of Biochemistry
- Division of Plant Physiology
- Division of Statistics and Computer Science
- Division of Microbiology

The divisions are offering only post graduate courses programmes, including M.Sc. and Ph.D. degree programmes as given below:

- M.Sc. Biochemistry
- M.Sc. Plant Physiology
- M.Sc. Statistics
- M.Sc. Microbiology
- Ph.D. Plant Physiology
- Ph.D. Biochemistry
- Ph.D. Statistics
- Ph.D. Microbiology

M.Sc. Biochemistry

6.4.1. Brief history of the degree programme:

M.Sc. Biochemistry degree programme was started at SKUAST-J, Chatha Campus from academic session 2008-09 to generate human resources of global competence in the field of Biochemistry through imparting quality education with the objectives; to conduct Basic and strategic research in the field of Biochemical and Molecular Biology; to upgrade agricultural products and productivity and to develop and transfer technology in agriculture and allied fields. The major thrust areas of research include natural products, biotransformation, stress and nutritional biochemistry. So far eighteen M. Sc. students have been awarded degrees and are working in different areas ranging from academics, medical, banking and private sector. In addition students have qualified national and state level exams such as SLET, ICAR NET, CSIR-NET and are recipients of various state/national scholarships including ICAR National Talent Scholarship (NTS). Furthermore, the research work conducted by the students is published in impact journals.

6.4.2. Faculty Strength:

S. No.	Name of the post	Sanctioned strength	Faculty in place	Vacant position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	1	-	1	1
2	Associate Professor	2	1	1	3
3	Assistant Professor	2	1+1 [#]	-	4

* - Promoted as Professor under CAS from Associate Professor

- Promoted as Associate Professor under CAS from Assistant Professor

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies.
1	FCLA	1	1	As per need in each department
2	Computer Assistant	1	1	
3	OCC	1	1	

6.4.4. Class Rooms & laboratories:

Degree programme	No. of class rooms	No. of functional laboratories	No. of major equipments*/ farm facilities/	Justification
M.Sc. Biochemistry	01 Smart classroom containing interactive panel with computer attachment and other accessories	05 General – cum-UG Lab Natural Product-cum-Nano Lab Natural Product Lab Molecular Biology Lab Tissue culture lab	8 <u>Major equipment's include:</u> HPLC, UV-VIS Spectrophotometers, Nanodrop, PCR, Gel documentation system, Lyophilizer, Gel electrophoresis unit, and Deep Freezer (- 80 °6.4.3..	For UG/PG practical's and PG research



Natural Product –cum-Nano lab



Natural Product Lab



General Facilities



Molecular Biology Lab



General – cum- UG Lab



Smart Class Room–cum- Seminar Hall

List of equipments*

S. No.	Name of the equipment	Quantity
1	Hot air oven	03
2	BOD Incubator	02
3	BOD Incubator shaker	02
4	Spectrophotometer	02
5	Laminar air flow	02
6	Deep freezer (-80 °C)	02
7	Deep freezer (-20 °C)	02
8	Gel documentation system	01
9	Analytical balance	03
10	Ice flaking machine	01
11	HPLC	01
12	Rotary vacuum evaporator	02
13	Refrigerated centrifuge	02
14	PCR	02
15	Gel Electrophoresis system	03
16	Double distillation system	03
17	Nano-drop Bio-spectrometer	02
18	Centrifuge	01
19	pH meter	01
20	Microwave oven	02
21	Vortex	04
22	Magnetic stirrer	02

6.4.5. Conduct of Practical & hands-on-training:

Laboratory based learning allows students to have firsthand experience of biochemistry principles. Rather than involving the whole class, students are involved in small groups for taking observations and analysing data. During master's degree biochemistry students are exposed to basic as well advanced biochemical techniques such as Paper chromatography, thin layer chromatography, protein and DNA electrophoresis, PCR, UV-VIS spectroscopy, HPLC, Gas Liquid Chromatography (GLC) etc. through demonstration's and hands on experience during practical's so that they can employ their acquired knowledge for their allotted research work. Also in order to further enhance their laboratory learning experience students are provided with lab manuals pertaining to their course work containing experimental procedures, recipes or methods organized in a standardized format that can be executed in a laboratory environment. In addition to this post graduate students from other disciplines also opt for biochemistry courses for gaining first hand laboratory experience of biochemical techniques.



Students taking hands-on-training

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty for supervision of students
M.Sc. Biochemistry	06+01(ICAR)	03

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

As such there is no established mechanism in place for seeking the feedback from stakeholders, however regular feedback is taken from the students about the quality and content of lectures delivered during the course of study and analysed for its implementation. For instance suggestions pertaining to delivery of content and quality of teaching are immediately conveyed to the concerned instructors for implementation and those requiring major changes are implemented after discussions at various levels of administration. In addition to this, suggestions from the parents and alumni's are also sought during interface meetings and through alumni portal of the University.

6.4.8. Student intake attrition in the programme for last five years:

Degree program	Actual students admitted in last five years					Attrition %				
	2016-17	2017-18	2018-19	2019-20	2020-21 (Current Year)	2016-17	2017-18	2018-19	2019-20	2020-21 (Current Year)
M.Sc. Biochemistry	02	-	02	03	03	00	00	00	00	00

6.4.9. ICT Application in Curricula delivery:

In the present time ICT has changed the face of teaching and learning process and is widely used in curricula development and delivery. Further teaching and learning is not now limited within the classrooms boundaries. The class room in the Division of Biochemistry has been upgraded to smart class room fitted with interactive LCD panel and full internet connectivity for enhancing the teaching/learning experience. Especially during COVID-19 pandemic ICT tools such as e-mail and google classrooms, Whatsapp groups are frequently used for transfer of study material to students. Furthermore, lectures/seminars and *viva-voce* exams are conducted using digital platforms such as Google Meet, Zoom and Microsoft teams etc. In addition, Google and Microsoft forms are also widely used by faculty members for carrying out student's evaluation.



Conducting classes on Microsoft teams

Online seminar on zoom digital platform

Online viva-voce on zoom digital platform

6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘**MSc. Ag. Biochemistry**’

6.4.11. The data presented for Self Study Report for **MSc. Ag. Biochemistry** degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, the **Dean, Faculty of Basic Sciences**, hereby certify that the information contained in Sections 6.4.1 and Section 6.4.9 are furnished as per the records available in the Faculty and degree awarding university.


Signature of Dean of the college with date and seal

Dean
F.B.Sc. SKUAST-J
Main Campus Chatha

M.Sc. Plant Physiology

M.Sc. Plant Physiology

6.4.1. Brief history of the degree programme:

M.Sc. Plant Physiology degree programme was started at SKUAST-J, Chatha Campus from academic session 2015-16 to conduct basic and strategic research leading to improvement in crop productivity. The Division also caters to the requirements of UG and PG programs of Faculty of Agriculture and School of Biotechnology. The division has so far produced three M.Sc scholars. At present, six M.Sc students are enrolled in the Division. Also students of the Division are recipient of university and ICAR National Talent Scholarship (NTS). Furthermore, in this programme, the students are taught about the various functions of plant parts, metabolic activities and processes that occur in the plant. The interaction of a plant with its immediate surroundings or ecosystem is also studied during this programme. The research topics are focused on stress physiology, plant developmental biology, hydroponics, plant hormones interactions and plant tissue culture etc.

6.4.2. Faculty Strength:

S. No.	Name of the post	Sanctioned strength	Faculty in place	Vacant position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	-	-	-	1
2	Associate Professor	1	-	1	3
3	Assistant Professor	2	2	-	4

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies.
1	FCLA	1	1	As per need in each department
2	Computer Assistant	1	1	
3	OCC	1	1	

6.4.4. Class Rooms & laboratories:

Degree programme	No. of class rooms	No. of functional laboratories	No. of major equipments*	Farm facilities	Justification
M.Sc. Plant Physiology	01 (Smart Class room)	03	Major equipments = 06	Polycarbonates polyhouse with controlled conditions available for abiotic stress screening and hydroponics NFT system. Farm facilities are available for student research trials under rainfed as well as irrigated conditions.	For UG/PG practical's and PG research



UG/PG Laboratories



Smart Classroom-cum-seminar hall

List of equipments*

S. No.	Name of equipment
1	Nitrogen Analyser
2	Amino Acid Analyser
3	GLC
4	Cooling Centrifuge
5	Fluorescent microscope
6	Deep Freezer (-20°C)
7	Hot air oven
8	Centrifuge machine
9	Gel electrophoresis unit
10	pH meter
11	EC meter
12	Student microscopes
13	Binocular microscopes
14	Freezers
15	Electronic weighing balances
16	Autoclave
17	Humidifier
18	Water bath shaker
19	NFT Hydroponics systems
20	Aquaponics system

6.4.5. Conduct of Practical & hands-on-training:

In this programme students get learning opportunity for practical insight into various physiological processes through practical coupled with hands-on experience. Division is well equipped with specific equipments and other facilities required for research in frontier areas of plant physiology. It also aims to instil greater confidence, competitiveness and competence among the post graduates to meet needs of allied sector and to undertake self-employment in various vocations of their choice.



Students taking hands-on training

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty for supervision of students
M.Sc. Plant Physiology	03	02

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Division is using the Students' feedback as a base to make improvement in the existing system after reviewing and analyzing it. The student's feedback questionnaire requiring quantitative and qualitative answers, focused on the quality of the course content, learning material, views about theory/practical courses with teachers at Division and Dean's level. The appropriate suggestions are put forward and discussed at appropriate administrative level. There is regular interaction with the farmers regarding different technologies developed by the Division such as Hydroponics (NFT) system, Aquaponics, Fodder production through hydroponics, alternate bearing in Mango, Unfruitfulness in Olive and other extension activities of the Division.

6.4.8. Student intake attrition in the programme for last five years:

Degree program	Actual students admitted in last five years					Attrition %				
	2016-17	2017-18	2018-19	2019-20	2020-21 (Current Year)	2016-17	2017-18	2018-19	2019-20	2020-21 (Current Year)
M.Sc. Plant Physiology	01	01	02	02	03	00	00	00	00	00

6.4.9. ICT Application in Curricula delivery:

Division of Plant Physiology uses a diverse set of Information and Communication Technology (ICT) tools to communicate, create, disseminate, store, and manage information. When teachers are digitally literate and trained to use ICT, these approaches can lead to higher order thinking skills, provide creative and individualized options for students to express their understandings, and leave students better prepared to deal with ongoing technological change in society and the workplace. The class room in the Division has been upgraded to smart class room equipped with all required audio visual facilities, interactive boards and LCD panels with internet connectivity. In the COVID-19 pandemic time where the offline classroom instructions are discouraged, faculty members are taking best advantage of online ICT tools such as e-mail and google classrooms, what's app groups for transfer of study material to students and class lectures/seminars and expert lectures are delivered using digital platforms such as Google Meet, Zoom and Microsoft teams. Furthermore, Google and Microsoft forms are also widely used by faculty members for carrying out student's evaluation.



Conduct of online seminars and viva-voce examination

6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘**MSc. Plant Physiology**’

6.4.11. The data presented for Self Study Report for **MSc. Plant Physiology** degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, the **Dean, Faculty of Basic Sciences**, hereby certify that the information contained in Sections 6.4.1 and Section 6.4.9 are furnished as per the records available in the Faculty and degree awarding university.


Signature of Dean of the college with date and seal

Dean
F.B.Sc. SKUAST-J
Main Campus Chatha

M.Sc. Statistics

6.4.1. Brief history of the degree programme: M.Sc. Statistics degree programme was started at SKUAST-J, Chatha Campus from academic session 2008-09 with the objectives; to impart quality education of application of statistics across the postgraduate to compete globally; to carry out basic and strategic research with focus in the areas of Design of Experiments, Sample Surveys, Statistical Inference and Statistical Modelling for handling the complex data in future; to conduct trainings and provide technical support to postgraduate students and field functionaries able to provide the statistical consultancy in future. The division has awarded eight degrees to the students under this programme and are well placed.

6.4.2. Faculty Strength:

S. No.	Name of the post	Sanctioned strength	Faculty in place	Vacant position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	-	-	-	1
2	Associate Professor	2	1*+1*\$	-	3
3	Assistant Professor	2	1	1	4

* - Promoted as Professor under CAS from Associate Professor

\$ - Additional Charge of Dean, Faculty of Basic Sciences

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies.
1	FCLA	01	01	As per need in each department
2	Stenographer	01	01	
3	OCC	01	01	

6.4.4. Class Rooms & laboratories:

Degree programme	No. of class rooms	No. of functional laboratories	No. of major equipments	Justification
M.Sc. Statistics	02	Two - One Central computer labs(CCL) - Statistical Data Analysis Cell(SDA6.4.3.	1. CCL: 20 nodes with 5KVA backup 2. SDAC:20 nodes with 5 KVA back up All desktops are dullyenriched with Statistical packages and high internet bandwidth	- Practical and analysis purposes - Generation of Simulation data for modelling purposes before the real data sets



Postgraduate smart Class room

Central &SDAC Lab

Facilities available

S.No	Labs/ Classrooms		No	Equipment (Quantity)	Purpose	
1.	Computer Labs (2)	PG Computer Lab	1	Desktops:20 5 KV UPS:02 wifiAccess Pont:01 Projector:01 Photostat Machine :01	Training & Practical	
		Central Computer Lab	1	Desktops:20 5 KV UPS:02 Internet access point:01 Projector:01 Invertor:01	Training & Practical	
2.	Classrooms (3)	PG	M.Sc	1	Projector :01 Internet access point:01 Laptop:01	Teaching
			Ph.D	1	Internet access point:01 Invertor:01	
		Smart classroom for PG students	1	Projector :01 Internet access point:01 All in One:01		

6.4.5. Conduct of practical & hands-on training:

Theory based practical are conducted for the courses having practical part. The manuals on application of statistical methods have been prepared for some courses to help the students for their practical by the faculty. Besides, students are exposed to various types of statistical softwares for data analysis through various courses like “Data Analysis Using Statistical Packages”. Division is well equipped with state of art data analysis lab needed for cutting edge areas of Modern Applied Statistics.



Manuals for hands on computers

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty for supervision of students
M.Sc. Statistics	03	03

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

In order to improve teaching skills of faculty, feedback from students is an important step which is obtained from students from time to time during regular meetings with teachers. Suggestions are invited to improve the academic programme, including extra-curricular activities, for overall development of the students.

6.4.8. Student intake attrition in the programme for last five years:

Degree program	Actual students admitted in last five years					Attrition %				
	2016-17	2017-18	2018-19	2019-20	2020-21 (Current Year)	2016-17	2017-18	2018-19	2019-20	2020-21 (Current Year)
M.Sc. Statistics	00	02	02	02	03	00	00	00	00	33.3

6.4.9. ICT Application in Curricula delivery:

The division has upgraded smart class rooms loaded with all necessary audio visual services, interactive boards and LCD panels with packed internet connectivity as information and communications technology (or technologies) and made enable modern computing. During COVID-19 pandemic faculty members took the lead of various online digital platforms such as Zoom App, Google Meet, Google classrooms, Whatsapp groups for assignment of study material to students. Besides simulation studies where demonstrated to PG students via various digital platforms. This method artificially generates data in order to test out a hypothesis or statistical method through statistical packages like SAS, JMP, R, SPSS etc. Whenever a new statistical method on real data is to be developed or used, there are assumptions that need to be tested and confirmed. Statisticians use simulated data to test them out.



ICAR e- courses



Google Classroom (GC)



E- notes through GC



(Google classrooms and students enrolled



Online classes



E- notes through GC

6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘MSc. Ag. Biochemistry’

6.4.11. The data presented for Self Study Report for MSc. Ag. Biochemistry degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, the Dean, Faculty of Basic Sciences, hereby certify that the information contained in Sections 6.4.1 and Section 6.4.9 are furnished as per the records available in the Faculty and degree awarding university.

Signature of Dean of the college with date and seal

SehZimi
25/05/2021
Dean
F.B.Sc. SKUAST-J
Main Campus Chatha

M.Sc. Microbiology

6.4.1. Brief history of the M.Sc. degree programme:

Master’s degree programme in Microbiology started at School of Genomics, Molecular Biology and Microbiology, Chatha campus, which was created and approved by the University council in its 10th Meeting , from academic session 2013-14. In due course of time this school was converted to Division of Microbiology under Faculty of Basic Sciences in 2015. This division is imparting quality teaching in microbiology across the faculty with the objectives; to carry out basic and strategic research with focus on microbial biodiversity, biofertilizers, biopesticides and other fields related to agriculture, industry and environment; to disseminate knowledge about practical applications of microbiology through trainings and demonstrations and field testing for validated technologies/modules. So far 17 students have completed M.Sc. Microbiology from this division successfully.

6.4.2. Faculty Strength:

S. No.	Name of the post	Sanctioned strength	Faculty in place	Vacant position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	-	-	-	1
2	Associate Professor	-	-	-	3
3	Assistant Professor	2	2*	2	4

* - Attachment

Note: Additional Charge of Head, Dean Faculty of Basic Sciences

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans’ Committee/ VCI/BSMA/ other regulatory bodies.
1	FCLA	-	1*	As per need in each department
2	Computer Assistant	-	-	
3	OCC	-	1*	
4	Daily wager	-	01	

* Attachment

6.4.4. Class Rooms & laboratories:

Degree programme	No. of class rooms	No. of functional laboratories	No. of major equipments*/ farm facilities	Justification
M.Sc. Microbiology	01 (Seminar Hall-cum-Classroom)	*03 (Three) -PG laboratory -Microbial repository -Microbial Genetics Laboratory	18*	Sufficient for catering needs of UG/PG courses and research

Laboratories: -PG laboratory



Microbial Genetics Laboratory



Class Room –cum- Seminar Hall

List of equipment*

S. No.	Name of the equipment	Quantity
1	Hot air oven	02
2	BOD Incubator	01
3	Incubator shaker	01
4	Spectrophotometer	01
5	Laminar air flow	01
6	Mini Centrifuge	01
7	pH meter	01
8	Microwave oven	02
9	Vortex	01
10	Magnetic stirrer	01
11	Distillation water unit	01
12	Electrophoresis unit with power supply	02
13	Analytical balance	01
14	Refrigerator	03
15	Autoclave	02
16	Binocular microscope with camera attachment	01
17	Binocular microscope	02
18	Student microscopes	04

6.4.5. Conduct of Practical & hands-on-training:

The Division of Microbiology is well equipped with most of the basic instrumentation that is required for routine practical of UG/PG/Ph.D. classes. In addition, laboratories in this division cater the needs of student's research of Division and other students that opt Microbiology as minor course. Division is equipped with state of art laboratories needed for working in frontier areas of Basic and Applied Sciences. In addition, various laboratories available in Sister Divisions of the Faculty are readily utilised for UG/PG/Ph.D. teaching/research.



Students taking hands-on-training

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty for supervision of students
M.Sc. Microbiology	08	02

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

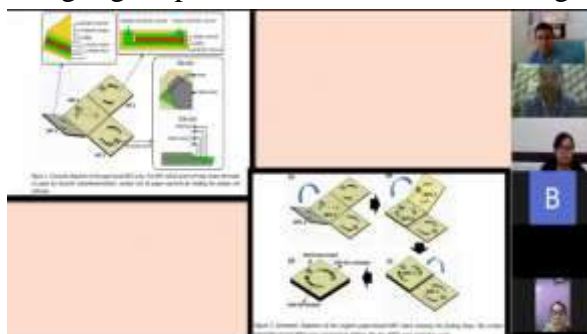
Teaching and research, being ever evolving subjects need regular updating. Feedback from students forms basis of ever improving skills of faculty members. In this Division, regular feedback is being obtained by interacting with passed out students. In addition, regular feedback is also obtained during classes and meetings conducted for the interaction between student representatives at Division and Dean's level. Suggestions are invited to improve the academic programme, including extra-curricular activities, for overall development of the students. Suggestions received from students are implemented after discussions at various levels of administration.

6.4.8. Student intake attrition in the programme for last five years:

Degree program	Actual students admitted in last five years					Attrition %				
	2016-17	2017-18	2018-19	2019-20	2020-21 (Current Year)	2016-17	2017-18	2018-19	2019-20	2020-21 (Current Year)
M.Sc. Microbiology	02	01	02	05	04	-	100	-	-	-

6.4.9. ICT Application in Curricula delivery:

ICT is now days used as an assisting tool for example while making assignments, communicating, collecting data & documentation, and conducting research. ICT in education improves engagement and knowledge retention. This technology provides different opportunities to make it more fun and enjoyable in terms of teaching the same things in different ways. In the Division of Microbiology, students are provided with smart classroom and free Wi-Fi connectivity. Most of these facilities are developed with the support of ICAR and State funding. Students and teachers have free access to the central library facilities such as CeRA consortium, e-books and e-journals for ensuring quick access to research, teaching and learning material. In the current COVID-19 pandemic scenario, online classroom instructions are encouraged, faculty members are taking best advantage of online ICT tools such as e-mail and google classrooms, WhatsApp groups for transfer of study material to students and class lectures/seminars. In addition, lectures are being delivered using digital platforms such as Zoom, Google Meet and Microsoft teams.



Conduct of online classes and seminars

6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘**MSc. Microbiology**’

6.4.11. The data presented for Self Study Report for **MSc. Microbiology** degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, the **Dean, Faculty of Basic Sciences**, hereby certify that the information contained in Sections 6.4.1 and Section 6.4.9 are furnished as per the records available in the Faculty and degree awarding university.


Signature of Dean of the college with date and seal

Dean
F.B.Sc. SKUAST-J
Main Campus Chatha

Ph.D. Plant Physiology

Ph.D. Plant Physiology

6.4.1. Brief history of the degree programme:

Ph.D. Plant Physiology degree programme was started at Faculty of Basic Sciences, SKUAST-J, Chatha Campus from academic session 2018-19 with the aim to conduct basic and strategic research leading to increase in crop productivity. Presently nine PhD scholars are enrolled in the Division. Some of our students are getting merit fellowship from University and ICAR. In this programme, the students are taught about the various functions of plant parts, metabolic activities and processes that occur in the plant. The interaction of a plant with its immediate surroundings or ecosystem is also studied in this course. The research topics are focused on stress physiology, plant developmental biology, hydroponics, plant hormones interactions and plant tissue culture.

6.4.2. Faculty Strength:

S. No.	Name of the post	Sanctioned strength	Faculty in place	Vacant position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	-	-	-	1
2	Associate Professor	1	-	1	3
3	Assistant Professor	2	2	-	4

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies.
1	FCLA	1	1	As per need in each department
2	Computer Assistant	1	1	
3	OCC	1	1	

6.4.4. Class Rooms & laboratories:

Degree programme	No. of class rooms	No. of functional laboratories	No. of major equipments/ farm facilities/	Farm facilities	Justification
Ph.D. Plant Physiology	01	03	Major equipments = 06	Division equipped with polycarbonates polyhouse with controlled conditions available for abiotic stress screening and hydroponics NFT system. Farm facilities are available for student/research trials under rainfed as well as irrigated conditions.	For UG/PG practical's and PG research



UG/PG Laboratories



Smart Classroom

List of equipments

S. No.	Name of equipment
1	Nitrogen Analyser
2	Amino Acid Analyser
3	GLC
4	Cooling Centrifuge
5	Fluorescent microscope
6	Deep Freezer (-20°C)
7	Hot air oven
8	Centrifuge machine
9	Gel electrophoresis unit
10	pH meter
11	EC meter
12	Student microscopes
13	Binocular microscopes
14	Freezers
15	Electronic weighing balances
16	Autoclave
17	Humidifier
18	Water bath shaker
19	NFT Hydroponics systems
20	Aquaponics system

6.4.5. Conduct of Practical & hands-on-training:

Ph.D. programme is a learning opportunity to the students through integration of basic knowledge and conceptual aspects with hands on training and practice in a real life work environment and students are exposed to the best of practical experiences in their respective fields. Division is well equipped with specific laboratories needed for frontier plant physiology. It also aims to instil greater confidence, competitiveness and competence among the post graduates to meet needs of allied sector and to undertake self-employment in vocations of their choice.



Students taking hands-on training

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty for supervision of students
Ph.D. Plant Physiology	03	02

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

The university is using the Students' feedback as a base to make improvements in the existing system after reviewing and analyzing it carefully. The student's feedback questionnaire is requiring quantitative and qualitative answers, focused on the quality of the course content, learning material, views about theory/practical courses with teachers at Division and Dean's level. The appropriate suggestions are discussed at appropriate administrative level for implementation. There is regular interaction with the farmers regarding different technologies developed by the Division such as Hydroponics (NFT) system, Aquaponics, Fodder production through hydroponics, alternate bearing in Mango, no fruiting in Olive and other extension activities of the Division.

6.4.8. Student intake attrition in the programme for last five years:

Degree program	Actual students admitted in last five years					Attrition %				
	2016-17	2017-18	2018-19	2019-20	2020-21 (Current Year)	2016-17	2017-18	2018-19	2019-20	2020-21 (Current Year)
Ph.D. Plant Physiology	-	-	03	03	03	-	-	-	33.3	-

6.4.9. ICT Application in Curricula delivery:

The emergence of Information and Communication Technology (ICT) tools is transforming the way curriculum is being structured and its outlook. In this contexts, ICT has also become integral to the teaching-learning, through such approaches as replacing chalkboards with interactive digital whiteboards, using students' own smartphones or other devices for learning during class time, and the "flipped classroom" model where students watch lectures at home on the computer and use classroom time for more interactive exercises. The class room in the Division has been upgraded to smart class room laden with all required audio visual facilities, interactive boards and LCD panels with full internet connectivity. In the COVID-19 pandemic time where the offline classroom instructions are discouraged, faculty members are taking best advantage of online ICT tools such as e-mail and google classrooms, what's app groups for transfer of study material to students and class lectures/seminars and expert lectures are delivered using digital platforms such as Google Meet, Zoom and Microsoft teams. Furthermore, Google and Microsoft forms are also widely used by faculty members for carrying out student's evaluation.



Conduct of online seminars and viva-voce examination

6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘**Ph.D. Plant Physiology**’

6.4.11. The data presented for Self Study Report for **Ph.D. Plant Physiology** degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, the **Dean, Faculty of Basic Sciences**, hereby certify that the information contained in Sections 6.4.1 and Section 6.4.9 are furnished as per the records available in the Faculty and degree awarding university.


Signature of Dean of the college with date and seal

Dean
F.B.Sc. SKUAST-J
Main Campus Chatha

Ph.D. Biochemistry

6.4.1. Brief history of the degree programme:

Ph.D Biochemistry degree programme was started at SKUAST-J, Chatha Campus from academic session 2013-14 with the objectives to generate human resources of global competence in the field of Biochemistry through imparting quality education; to conduct Basic and strategic research in the field of Biochemical and Molecular Biology to upgrade agricultural products and productivity and to develop and transfer technology in agriculture and allied fields. The major thrust areas of research include natural products, biochemical prospecting of medicinal plants, nano-science, biotransformation, molecular biology, stress and nutritional biochemistry. So far eight Ph.D. students have been awarded degrees and are working in different areas ranging from academics, Govt. colleges and private sector organizations. In addition one student of the division Dr.Kanika Sharma has been selected in Agricultural Research Service (ARS) of ICAR and is presently posted as scientist in ICAR-CIRCOT, Mumbai. Also students have qualified national and state level exams such as SLET, ICAR NET, CSIR-NET/JRF and GATE and are recipients of various state/national fellowships. Furthermore, the research work conducted by the students is published in impact journals of national and international repute.

6.4.2. Faculty Strength:

S. No.	Name of the post	Sanctioned strength	Faculty in place	Vacant position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	1	-	1	1
2	Associate Professor	2	1*	1	3
3	Assistant Professor	2	1+1 [#]	-	4

* - Promoted as Professor under CAS from Associate Professor

- Promoted as Associate Professor under CAS from Assistant Professor

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies.
1	FCLA	1	1	As per need in each department
2	Computer Assistant	1	1	
3	OCC	1	1	

6.4.4. Class rooms & laboratories:

Degree programme	No. of class rooms	No. of functional laboratories	No. of major equipments	Justification
Ph.D. Biochemistry	01 Smart classroom containing interactive panel with computer attachment and other accessories	05 General – cum-UG Lab Natural Product-cum-Nano Lab Natural Product Lab Molecular Biology Lab	08 <u>Major equipment's include:</u> HPLC, UV-VIS Spectrophotometers, Nanodrop, PCR, Gel documentation system, Lyophilizer, Gel electrophoresis unit, and Deep Freezer (- 80 °C).	For UG/PG practical's and PG research



Natural Product –cum-Nano Lab

Molecular Biology Lab



Natural Product Lab

Central Facilities



General-cum-UG Lab

Smart Classroom-cum-Seminar Hall

List of equipments*

S. No.	Name of the equipment	Quantity
1	Hot air oven	03
2	BOD Incubator	02
3	BOD Incubator shaker	02
4	Spectrophotometer	02
5	Laminar air flow	02
6	Deep freezer (-80 °C)	02
7	Deep freezer (-20 °C)	02
8	Gel documentation system	01
9	Analytical balance	03
10	Ice flaking machine	01
11	HPLC	01
12	Rotary vacuum evaporator	02
13	Refrigerated centrifuge	02
14	PCR	02
15	Gel Electrophoresis system	03
16	Double distillation system	03
17	Nano-drop Bio-spectrometer	02
18	Centrifuge	01
19	pH meter	01
20	Microwave oven	02
21	Vortex	04
22	Magnetic stirrer	02

6.4.5. Conduct of practical & hands-on-training:

Laboratories in the Division of Biochemistry are well equipped to impart practical exposure to doctoral students which range from basic to more specialized facilities such as HPLC, PCR, Protein/DNA electrophoresis and protein blotting techniques. Further, during practical the emphasis is on hands-on experience on use of instruments as well as execution of practical's assigned in the course curriculum. Also laboratory manuals pertaining to their course work containing experimental procedures, recipes or methods organized in a standardized format that can be executed in a laboratory environment are also provided to the students.



Students taking hands-on training

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty for supervision of students
Ph.D. Biochemistry	02+01 (ICAR)	03

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

The feedback from the students is obtained during the course of study and after completion through alumni portal and interaction meetings. Different suggestions pertaining to improvement of academic and extracurricular activities are discussed at various levels before implementation. Regular interaction with the parents is also held to seek their suggestions and apprise them about academic progress of their wards.

6.4.8. Student intake attrition in the programme for last five years:

Degree program	Actual students admitted in last five years					Attrition %				
	2016-17	2017-18	2018-19	2019-20	2020-21 (Current Year)	2016-17	2017-18	2018-19	2019-20	2020-21 (Current Year)
Ph.D. Biochemistry	06	07	03	02	02	16	00	00	00	00

6.4.9. ICT Application in Curricula delivery:

Information and Communication Technology (ICT) has revolutionized the teaching and learning process over the last decade. ICT has a role in curriculum development, teaching learning process, educational management and assessment and evaluation. The class room in the Division is upgraded to smart class room fitted with audiovisual facilities and interactive panel for enhancing teaching learning experience. Doctoral students are also provided with credentials to access the central library facilities such as CeRA consortium, e-books and e-journals for ensuring quick access to research, teaching and learning material. Furthermore, during COVID-19 pandemic faculty members are heavily relying on ICT tools for taking lectures and transfer of study material to students. Also lectures/seminars and *viva-voce* exams are conducted using digital platforms such as Google Meet, Zoom and Microsoft teams. Division of Biochemistry envisages strengthening its online curriculum development and dissemination in future through development of Massive Open Online Courses (MOOCs) on different subjects offered by the Division.



**Conducting classes on Microsoft teams
Online seminar on zoom digital platform
Online viva-voce on zoom digital platform**

6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘**Ph.D. Biochemistry**’

6.4.11. The data presented for Self Study Report for **Ph.D. Biochemistry** degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, the **Dean, Faculty of Basic Sciences**, hereby certify that the information contained in Sections 6.4.1 and Section 6.4.9 are furnished as per the records available in the Faculty and degree awarding university.


Signature of Dean of the college with date and seal

Dean
F.B.Sc. SKUAST-J
Main Campus Chatha

Ph.D. Statistics

6.4.1. Brief history of the degree programme:

Ph.D Statistics degree programme was started at SKUAST-J, Chatha Campus from academic session 2013-14 with the objectives to impart quality education across the faculties in undergraduate and postgraduate programmes; to carry out basic and strategic research with focus in the areas of Design of Experiments, Sample Surveys, Statistical Inference and Statistical Modeling; to conduct trainings & to provide technical support for faculties and field functionaries; to impart quality education of advanced application of statistics to the doctoral students for competing globally; to carry out advanced and strategic research with focus in Sample Surveys, Statistical Inference and Statistical Modelling for handling the complex data to forecast and estimation of trends in future; to sensitize with advanced statistical tools and able to provide consultancy.

The division has awarded four degrees to the students under this programme and are well placed nationally as well as internationally.

6.4.2. Faculty Strength:

S. No.	Name of the post	Sanctioned strength	Faculty in place	Vacant position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	-	-	-	1
2	Associate Professor	2	1*+1*\$	-	3
3	Assistant Professor	2	1	1	4

* - Promoted as Professor under CAS from Associate Professor

\$ - Additional Charge of Dean, Faculty of Basic Sciences

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies.
1	FCLA	1	1	As per need in each department
2	Stenographer	1	1	
3	OCC	1	1	

6.4.4. Class Rooms & laboratories:

Degree programme	No. of class rooms	No. of functional laboratories	No. of major equipments	Justification
Ph.D. Statistics	03	Statistics Data Analysis Cell (SDAC) for trainings for hands on computers.	20 nodes well equipped SAS, R, SPSS etc Wifi Lab. UPS Backup	Practical and analysis purposes Generation of Simulation data for modelling purposes before the real data sets



Class room with internet provision Class room for services courses

List of facilities

S.No	Labs/ Classrooms		No	Equipment (Quantity)	Purpose	
1.	Computer Labs (2)	PG Computer Lab	1	Desktops:20 5 KV UPS:02 wifiAccess Pont:01 Projector:01 Photostat Machine :01	Training & Practical	
		Central Computer Lab	1	Desktops:20 5 KV UPS:02 Internet access point:01 Projector:01 Invertor:01	Training & Practical	
2.	Classrooms (3)	PG	M.Sc	1	Projector :01 Internet access point:01 Laptop:01	Teaching
			Ph.D.	1	Internet access point:01 Invertor:01	
		Smart classroom for PG students	1	Projector :01 Internet access point:01 All in One:01		

6.4.5. Conduct of Practical & hands-on-training:

Students that seek admission and opt for minor courses from various divisions of this faculty/other faculties are exposed to the best of practical experiences in their respective fields. Practical manuals have been prepared accordingly for respective courses like Biostatistics, Statistical Methods, Computer in agriculture etc. to help the students for their practical besides hands on trainings.



Smart Class rooms



Computer Labs

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty for supervision of students
Ph.D. Statistics	02+01 (ICAR)	03

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

Response from students forms basis of ever improving skills of teaching staff. This is obtained from students throughout the degree programme and even after its completion via alumni interaction with teachers and during regular meetings with teachers at Division and Dean's level. Suggestions are invited to improve the academic programme, including extra-curricular activities, for overall development of the students. Suggestions given by the students are examined and then implemented after discussions at various levels of administration.

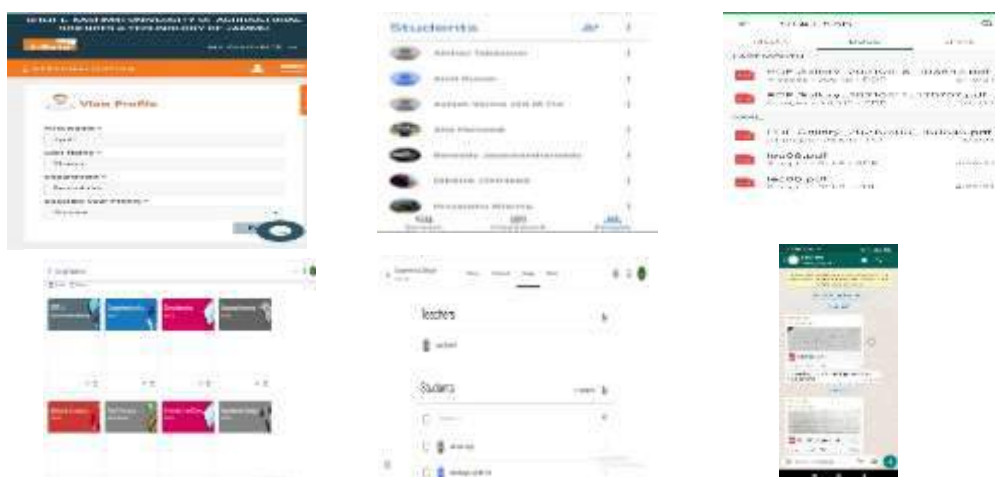
6.4.8. Student intake attrition in the programme for last five years:

Degree program	Actual students admitted in last five years					Attrition %				
	2016-17	2017-18	2018-19	2019-20	2020-21 (Current Year)	2016-17	2017-18	2018-19	2019-20	2020-21 (Current Year)
Ph.D. Statistics	02	01	03	02	02	100	00	00	00	00

6.4.9. ICT Application in Curricula delivery:

Students are introduced to ICT outside the classroom context by introduction them to social networks like google class rooms, google meet, Microsoft team, Zoom etc while experimenting with hard and software components of information and technology. The impact of ICT on the overall development of the personality is extremely significant. In particular its effect on the improvement of communication skills is treated as a central goal of the ICT curriculum at divisional level. Division uses a diverse set of ICT tools to communicate, create, disseminate, store, and manage information for PG scholars. ICT has also become integral to the teaching-learning interaction, through such approaches as replacing chalkboards with interactive digital whiteboards, using students' own smart phones or other devices for learning during class time and use of virtual classroom with supervised and unsupervised provision for more interactive exercises which leads to higher order thinking skills, provide creative and individualized options for students to express their understandings, and leave students better prepared to deal with modern statistical methodology.

Digital platforms such as Zoom App, google Meet, Google classrooms, Whatsapp groups for online assignment of study material to students were used by faculty members during covid19 pandemic. The well equipped smart digital class rooms with vital audio visual services are established in division for teaching and learning of students.



***E-notes provided to students through through Google class room and Whatsapp.**

6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘**Ph.D. Statistics**’

6.4.11. The data presented for Self Study Report for **Ph.D. Statistics** degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, the **Dean, Faculty of Basic Sciences**, hereby certify that the information contained in Sections 6.4.1 and Section 6.4.9 are furnished as per the records available in the Faculty and degree awarding university.

Signature of Dean of the college with date and seal

F.B.Sc. SKUAST-J
Main Campus Chatha

Ph.D. Microbiology

Ph.D. Microbiology

6.4.1. Brief history of the Ph.D. degree programme:

After successfully running Master's degree programme in Microbiology that started at School of Genomics, Molecular Biology and Microbiology, created and approved by the University council in its 10th Meeting, Ph.D. Microbiology degree programme was started at this Division during the academic session 2020-21.

This degree programme aims at in maintaining reputation of high standards of teaching, foster analytical skills through exploration of new concepts and individual research activities. It also encourages students to become effective communicators, develop interpersonal skills through skill-based activities, foster competency especially in the development of a scientific vocabulary that shall be competitive in research, agricultural sciences and other allied disciplines. This programme is imparting an excellent hands-on training to the doctorate students and helping them to pursue successful careers as scientists in academia, industries and agriculture.

6.4.2. Faculty Strength:

S. No.	Name of the post	Sanctioned strength	Faculty in place	Vacant position	Faculty recommended by the ICAR/UGC/VCI/other regulatory bodies
1	Professor	-	-	-	1
2	Associate Professor	-	-	-	3
3	Assistant Professor	2	2*	2	4

* Attached

Note: Additional Charge of Head, Dean Faculty of Basic Sciences

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies.
1	FCLA	-	1*	As per need in each department
2	Computer Assistant	-	-	
3	OCC	-	1*	
4	Daily wager	-	1	

*Attachment

6.4.4. Class Rooms & laboratories:

Degree programme	No. of class rooms	No. of functional laboratories	No. of major equipments	Justification
Ph.D. Microbiology	01 (Seminar cum Classroom)	*03 (Three) -PG laboratory -Microbial repository -Microbial Genetics Laboratory	18*	Sufficient for catering needs of UG/PG courses and research

Laboratories(PG laboratory)



Microbial Genetics Laboratory



Class Room –cum- Seminar Hall

List of equipment*

S. No.	Name of the equipment	Quantity
1	Hot air oven	02
2	BOD Incubator	01
3	Incubator shaker	01
4	Spectrophotometer	01
5	Laminar air flow	01
6	Mini Centrifuge	01
7	pH meter	01
8	Microwave oven	02
9	Vortex	01
10	Magnetic stirrer	01
11	Distillation water unit	01
12	Electrophoresis unit with power supply	02
13	Analytical balance	01
14	Refrigerator	03
15	Autoclave	02
16	Binocular microscope with camera attachment	01
17	Binocular microscope	02
18	Student microscopes	04

6.4.5. Conduct of Practical & hands-on-training:

Students of this division and those which opt various minor courses from across the faculty have best exposure to practical experiences in this division. Division has well equipped laboratories that sufficiently cater needs of UG/PG programmes. In addition, students have industrial visits that give them first-hand experience of applied science. Students of Ph.D. programme also assist in conducting UG/PG practical classes.



Students taking hands-on-training

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty for supervision of students
Ph.D. Microbiology	02	02

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

Feedback is an important component of effective learning. Feedback improves learner confidence, motivation to learn and ultimately, a learner's attainment. In addition, it improves skills of teaching staff. In this division feedback is obtained from students regularly throughout the degree programme and more importantly even after degree completion via alumni interaction with teachers and during regular meetings with teachers at Division level. Constructive discussions lead to suggestions that help in improving the academic programme, including extra-curricular activities, for overall development of the students. Suggestions given by the students are taken seriously and if found genuine, are implemented.

6.4.8. Student intake attrition in the programme for last five years:

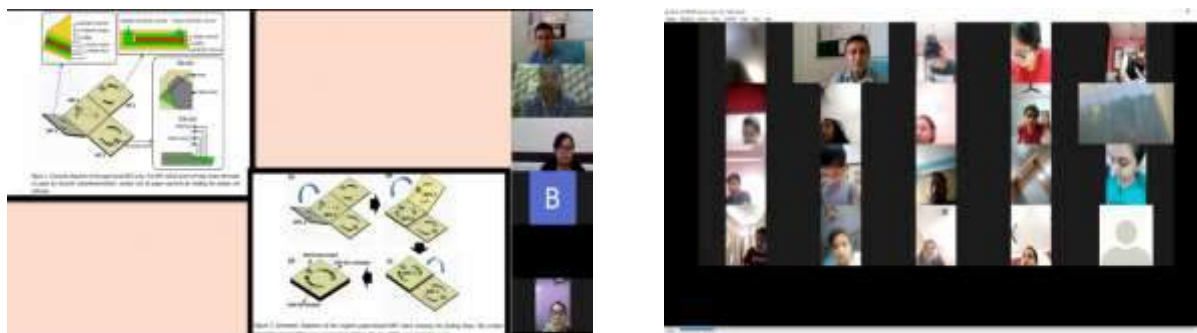
Degree program	Actual students admitted in last five years					Attrition %				
	2016-17	2017-18	2018-19	2019-20	2020-21 (Current Year)	2016-17	2017-18	2018-19	2019-20	2020-21 (Current Year)
Ph.D. Microbiology	-	-	-	02	01	-	-	-	00	00

6.4.9. ICT Application in Curricula delivery:

With the world moving rapidly into digital media and information, the role of ICT in education is becoming more and more important and this importance will continue to grow and develop in coming decades.

For the last five years, with the generous support from ICAR and State funding in the form of development grants, this Division has generated state of art ICT facilities in the form of Smart classroom and well-equipped laboratories. In addition, Wi-Fi connectivity is being provided for ensuring easy internet access to students and faculty members. Faculty and students of this division have access the central library facilities such as CeRA consortium, e-books and e-journals for ensuring quick access to research, teaching and learning material.

In the present COVID-19 pandemic scenario, offline classroom instructions are discouraged, teachers are fully utilizing online ICT tools such as e-mail and google classrooms, Whats App groups for transfer of study material to students and class lectures/seminars and expert lectures are delivered using digital platforms such as Google Meet, Zoom and Microsoft teams. Division looks forward to establishment of virtual classrooms (Supervised/Unsupervised) to scale up its education service and quality for the improvement of UG/PG/Ph.D. teaching and research.




Conduct of online classes and seminars

6.4.10. The information pertaining to 6.4.1 to 6.4.9 is provided as per the guidelines for PG programme – ‘**Ph.D. Plant Physiology**’

6.4.11. The data presented for Self Study Report for **Ph.D. Plant Physiology** degree programme is liable to the verification at any stage, as per the guidelines of SSR.

6.4.12. Certificate (SSR for programmes)

I, the **Dean, Faculty of Basic Sciences**, hereby certify that the information contained in Sections 6.4.1 and Section 6.4.9 are furnished as per the records available in the Faculty and degree awarding university.


 Signature of Dean of the college with date and seal
 Dean
 F.B.Sc. SKUAST-J
 Main Campus Chatha

Self Study Report for the College (Faculty of Basic Sciences)

6.5. Self Study Report for the college (Faculty of Basic Sciences (FBSc))

6.5.1. College Administration

6.5.1.1. College Dean's Office Establishment

Faculty of Basic Sciences (FBSc) is comprised of Dean's office and four Divisions. Dean's post has been sanctioned as per ICAR/University guidelines. Prof. S.E.H. Rizvi is in-charge Dean since 2nd of January, 2018. Presently the post of Dean, FBSc. is vacant. The tenure for the post of Dean, FBSc is for a period of 5 years.

The Dean's Office is staffed by one Accounts officer (Attachment), one Stenographer, one Accountant, one Head assistant (Attachment), one Assistant cum typist, one Driver, one OCC/ attendants and some additional need based daily wagers/contractual staff (02 skilled and 02 unskilled). The Dean is also assisted in academic and administrative matters by the Head of divisions and their office. Under the Dean, presently there are four Divisions pertaining to different disciplines of Basic Sciences which are being looked after by the respective Head.

6.5.1.2. Monitoring Mechanism for Quality Education (on-line):

For management/ monitoring of quality education, Dean of the Faculty is assisted by Heads of divisions. In case of offline classes monitoring is done by the concerned HOD and Dean of the Faculty through webcam. Whereas, in case of online instructions, the monitoring is done by sharing ID and password of the digital platforms and the time of the class by the concerned faculty with the concerned Head of the division.

Monitoring mechanism is a continuous process. It gives regular updates about teaching standards and shortfalls if any. Student's feedback is also generated as result of monitoring. Punctuality of class work and student attendance is also ascertained by this mechanism.

6.5.1.3. CC/Board of Studies

Meeting of Board of Studies (BoS), FBSc is a faculty level forum that discuss academic related matters, it comprises of the following members-

Members of BoS, FBSc

Dean, FBSc	Chairman
All Professors of FBSc	Members
All Associate Professors of FBSc	Members
Three Assistant Professors of FBSc nominated by the Vice-Chancellor on rotation for a period of two years	Members
One teacher not below the rank of Associate Professor of FBSc nominated by the Faculty Dean	Member Secretary

BoS,FBSc meetings in last five years

Meeting	Date
2 nd Meeting of Board of Studies	13/06/2017

1 st Meeting of Faculty of Basic Sciences	07/09/2017
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Salient Resolutions of BoS, FBSc

BoS	Agenda	Recommendations
2 nd BoS	Confirmation of the minutes of 1st meeting of BOS-Faculty of Basic Sciences	No comments were received from the members the minutes were as such confirmed
	Institution of B.Sc. (Bioscience) Programme in Faculty of Basic Sciences	Resolved to “institute the undergraduate programme in the Faculty of Basic Sciences in self-finance mode with initial intake of 30 seats and a fee of Rs. 30000/- in addition to the normal fee and the eligibility criteria already being followed in the University. Further it was resolved that the detailed proposal containing input from the Universities/colleges offering the said programme in the state should be prepared and submitted for deliberations in the meeting of Faculty of Basic Sciences
	Calendar of activities of Faculty of Basic Sciences	The Dean, Faculty of Basic Sciences will submit a proposal of activities other than those already assigned to the Faculty of Basic Sciences vide Director Education office circular no. AUJ/DE/17-18/F-59/541-83 dated 6.6.2017 to the Director Education for approval of the Competent Authority
	Guidelines and format for Best Teachers Award (SKUAST-Jammu)	The Dean, Faculty of Basic Sciences will obtain the comments from different stakeholders on the format for Best Teacher Award (SKUAST-Jammu) and forward the same to Director Education for consideration and possible inclusion wherever required
	Constitution of Alumni Association of Faculty of Basic Sciences	The alumni association may be constituted in the Faculty of Basic Sciences on the similar lines as Faculty of Agriculture and Faculty of Veterinary Sciences and Animal Husbandry have formed these associations
	Change of nomenclature from Faculty of Basic Science to College of Basic Sciences	The present nomenclature Faculty of Basic Sciences is recommended to be changed to College of Basic Sciences and it was also resolved that the matter should be submitted before Faculty of Basic Sciences for further

		actions
	Offering the course entitled “Agricultural Microbiology (MICRO-121)” by Division of Microbiology, FBSc as per 5thDean committee recommendations of ICAR	The courses pertaining to different programmes of faculty of Basic Sciences catering to the requirement of under graduate programmes run by other units/faculties of the University should be offered by the Dean, Faculty of Basic Sciences on formal request from concerned quarters. It was further resolved that all such courses with the nomenclature as proposed by ICAR to be offered by FBSc for any programme should be approved by the relevant bodies of the FBSc and Academic Council
	Offering the course entitled “Plant Physiology (Botany-201)” by Division of Plant Physiology, FBSc as per 5th Dean committee recommendations of ICAR	The instructions of course no. BOT-201 are recommended to be imparted by Division of Plant Physiology and rest is same as resolved in agenda item BOS (FBSc) 2(7)
Faculty of Basic Sciences meeting	Institution of B.Sc. Programme in Faculty of Basic Sciences	<ol style="list-style-type: none"> 1. Resolved that 3 years B.Sc. (General) Degree programme be instituted in the Faculty of Basic Sciences 2. Resolved that initially following three choice based combinations be started: <ol style="list-style-type: none"> i. Combination I-Chemistry, Biotechnology&Biochemistry ii. Combination II- Chemistry,Biotechnology&Botany iii. Combination III- Chemistry, Biotechnology& Microbiology 3. Resolved to have initially total intake capacity of 45 students (10 free seats and 5 paid seats for each combination) 4. It was resolved that the fee structure of the proposed programme for free as well as paid seats should be as per the existing fee structure of SKUAST-Jammu for undergraduate programme in agriculture
	Infrastructure and human resources (teaching & non-teaching) for UG programme	<ol style="list-style-type: none"> 1. The additional need based minimum requirements for infrastructure and human resources (teaching & non-teaching) ,on contractual basis, for running proposed UG programme be considered and put further for accordance of competent authority. 2. In addition, it was also resolved that faculty members from other sister Divisions can be linked for teaching in the proposed programme. 3. Laboratory facilities in Divisions of Biochemistry, Plant Physiology,

		Microbiology and School of Biotechnology can be used for running the programme
	Calendar of activities of Faculty of Basic Sciences	It was resolved to drop the agenda item FBSc (I) 3
	Guidelines and format for Best Teachers Award (SKUAST-Jammu)	The format for Best Teacher Award (SKUAST-Jammu) as already in place in the University for finalization shall be adopted
	Constitution of Alumni Association of Faculty of Basic Sciences	The alumni association may be constituted in the Faculty of Basic Sciences on the similar lines as Faculty of Agriculture and Faculty of Veterinary Sciences & Animal Husbandry have formed these associations
	Change of nomenclature from Faculty of Basic Science to College of Basic Sciences	The present nomenclature 'Faculty of Basic Sciences' should not be changed to 'College of Basic Sciences'. However, it was also resolved that the matter should be discussed at larger forum and all the faculties shall change their nomenclature only if it is adopted by the university
	Offering the course entitled "Agricultural Microbiology (MICRO-121)" by Division of Microbiology, FBSc as per 5th Dean Committee recommendations of ICAR	The course entitled 'Agricultural Microbiology' and other courses pertaining to different programmes of faculty of Basic Sciences catering to the requirement of under graduate programmes run by other units/faculties of the University should be offered by the Dean, Faculty of Basic Sciences on formal request from concerned quarters. However, Dean FoA was of the opinion that it should be offered in the Division of Plant Pathology, FoA
	Offering the course entitled "Plant Physiology (Botany-201)" by Division of Plant Physiology, FBSc as per 5th Deans' Committee recommendations of ICAR	The instruction of course no. BOT-201 is recommended to be offered by Division of Plant Physiology and rest is same as resolved in agenda item FBSc(1)7. However, Dean FoA was of the opinion that it should be offered by the School of Biotechnology

6.5.1.4. Anti Ragging Cell:

The rulings of the Hon'ble Supreme Court of India regarding ragging and that of UGC on curbing the menace of ragging in higher educational institutions (2009) are followed in the Faculty of Basic Sciences in letter and spirit. An anti-ragging committee is constituted for this purpose at Faculty level comprising of Dean as Chairman and nine members that include Faculty members, Hostel wardens and Student members from both M.Sc. and Ph.D. degree programmes. Besides, anti-ragging committee is also constituted at the University

level under Hon'ble Vice Chancellor as Chairman, Director Education as member and Registrar acting as Secretary.

6.5.1.5. Biological Waste Disposal Facility:

Biological waste is being collected at the level of various Units of the University and disposed at University level. Biological hazardous waste is disposed as per the guidelines. Various microbial cultures and other biologically active material is disposed after autoclaving using protective gears.

A committee has been constituted at University level.

6.5.1.6. Institutional Ethics Committee for Experiment on Animals:

No such studies are being conducted at Faculty of Basic Sciences.

6.5.1.7 Committee for Prevention of Sexual Harassment of Women at Work Place:

A University level committee has been constituted in accordance with the Sexual Harassment of Women at Work Place (Prevention, Prohibition and Redressal Act, 2013). The committee comprises of Professor/Chief Scientist, Chairperson and Senior faculty members and one senior student.

6.5.2. Faculty

6.5.2.1. Faculty strength

Number of Faculty Positions					
Professor		Associate Professor		Assistant Professor	
Sanctioned	Filled	Sanctioned	Filled	Sanctioned	Filled
01+01*	--	05	03	08	07

* Dean

6.5.2.2 Faculty profile (Department wise)

Division-wise Faculty positions at FBSc

S. No	Divisions	Number of Faculty Position					
		Professor		Associate Professor		Assistant Professor	
		Sanctioned	Filled	Sanctioned	Filled	Sanctioned	filled
1.	Biochemistry	1	-	2	1	2	2
2.	Plant Physiology	-	-	1	-	2	2
3.	Statistics & Computer Science	-	-	2	2	2	1
4.	Microbiology	-	-	-	-	2	2*
5.	Dean	1	-				
	Total	02	--	05	03	08	07

* Attacment

6.5.2.3. Credentials of the Faculty

The Faculty of Basic Sciences comprises of young scientists that have wide exposure and experience in their concerned fields of science. Amongst the total Faculty members all have Doctorate in respective fields.

Credentials of Faculty Members of Division of Biochemistry

Sr. No.	Name of the Faculty	Designation	Work experience	Honours and awards	Excellence in teaching/demonstrated competencies/ achievements that contribute to effective teaching and student learning outcomes
1.	Dr. Sanjay Guleria	Prof. and Head	20 years Area of expertise: Highest qualification: Ph.D. - Plant Biochemistry - Natural Products - Nano Science - Metabolic Engineering	<ul style="list-style-type: none"> • National/University merit scholarship in M.Sc. • M.Sc. Gold Medalist • Certificate of excellence in science awarded by Council of Scientific and Industrial Research (CSIR, INDIA) Complex Palampur (H.P.) • Qualified National Eligibility Test (NET) conducted by Indian Council of Agricultural Research (ICAR), New Delhi. • Santosh Shiksha Gold Medal, conferred by HimotkarshAkademi, H.P. for standing first in M.Sc. • Vice-Chancellor's Appreciation Award • Department of Science and Technology (DST), Government of India, Young Scientist Project Award under fast track scheme for young scientists. • Fellow Indian Society of Agricultural Biochemists. • Conferred Department of Biotechnology, Govt. of India, Cutting-Edge Research Enhancement and Scientific Training (CREST) Award • Visiting Research Scientist, Centre for Biotechnology and Interdisciplinary Studies, Rensselaer Polytechnic Institute, Troy, New York, USA • Expert/advisor to Rajasthan Public Service Commission, Ajmer. • Nominated as an expert, Agricultural Scientist Recruitment Board, New Delhi 	<ul style="list-style-type: none"> • Developed lab manuals pertaining to UG/PG courses. • Supervised M.Sc./Ph.D. students as Major Advisor • Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective • Continuous evaluation of students. • Conducted practical's with prime focus on hand on experience. • Arranged special lectures for students preparing for NET and ARS examinations and conducted mock tests • Initiated Ph.D. programme in the Division of Biochemistry as HoD. • Initiated Ph.D. Programme in the Division of Plant Physiology as HoD.

2.	Dr. Moni Gupta	Associate Professor	19 years and 10 months Area of expertise: Highest qualification: Ph.D. - Plant Biochemistry - Molecular Biology - Nutritional Biochemistry - Stress Biochemistry	<ul style="list-style-type: none"> • Newton Bhabha Award for DBT Cambridge workshop on Women Scientist in Agriculture Leadership in 2016 • BioCARE Fellowship awarded by Dept. of Biotechnology, GOI • Fellow Indian Society of Agricultural Biochemists • Appointed as an expert, Agricultural Scientist Recruitment Board, New Delhi 	<ul style="list-style-type: none"> • Developed lab manuals pertaining to UG/PG courses. • Supervised M.Sc./Ph.D. students as Major Advisor • Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective. Continuous evaluation of students. • Conducted practical's with prime focus on hand on experience. • Delivered special lectures for students preparing for NET and ARS examinations and conducted mock tests
3.	Dr. Vikas Sharma	Assistant Professor	12 years and 8 months Area of expertise: Highest qualification: Ph.D. - Plant Biochemistry - Natural products	<ul style="list-style-type: none"> • Fellow Society of Agriculture Biotechnologists; Fellow Hind Agri-Horticultural Society; Awarded Young Scientist Award at 5th International Conference on "Agriculture, Horticulture and Plant Sciences (ICAHPS)" from June 24-25, 2017 at Tapovan, Rishikesh, Uttarakhand; Awarded Distinguished Scientist Award at 2nd International Conference on Global Initiatives for Sustainable Development: Issues and Strategies, 23rd to 27th June, 2019, Bangkok, Thailand; Awarded Best Poster Award at International Conference on "Recent Trends in Bioinformatics and Biotechnology for Sustainable Development" held at SKUAST-J from 12-13th October, 2017. • Awarded Best Poster Award at National Conference on "Innovative Technological Interventions for Doubling Farmers Income (NaCITI-2018)" SKUAST-Jammu organized by SIDAVES from 8 -10 February, 2018. 	<ul style="list-style-type: none"> • Developed lab manuals pertaining to UG/PG courses. • Supervised M.Sc./Ph.D. students as Major Advisor • Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective. • Continuous evaluation of students. • Conducted practical's with prime focus on hand on experience.

Credentials of Faculty Members of Division of Plant Physiology

Sr. No.	Name of the Faculty	Designation	Work experience	Honours and awards	Excellence in teaching/demonstrated competencies/ achievements that contribute to effective teaching and student learning outcomes
1	Dr. Gurdev Chand	Assistant Professor and Incharge, Head	16Years Area of expertise: Highest qualification : Ph.D. Abiotic stress responses in crops/Horticulture plants. Expertise in Hydroponics NFT/Aquaponics/Aeroponics/Fodder production	<ul style="list-style-type: none"> • Received Young Scientist Award (GRISAAS-2015) at RajmataVijayarajeScindiaKrishiVishwaVidyalaya, Gwalior (M.P.) during 12-13, December, 2015. • Received SERS Fellow Award (GIASGT-2016) at International Conference on Global Initiatives Applied Sciences (GIASGT-2016)at SRM University Delhi-NCR Campus, , India during 09-11 September, 2016. • Received Excellence in Teaching Award in 03 days International conference on “Global Research Initiatives for Sustainable Agriculture & Allied Sciences (GRISAAS-2017) from 2ndDecember to 04thDecember 2017”. • Received Innovative Scientist of the Year Award at five daysInternational Conference on “<i>Innovative Approaches in Applied Sciences and Technologies</i>” which was held at Nanyang Executive Centre, Nanyang Technological University, Singapore during June 19-23’ 2017. • ReceivedBest Poster Award In National Conference on “Women Empowerment Through Agro-Entrepreneurship for Livelihood Security” organized by SIDAVES at SKUAST-Jammu, Chatha, from 07th February to 08th February 2019. • Qualified National Eligibility Test (NET) conducted by Indian Council of Agricultural Research (ICAR), NewDelhi. 	<ul style="list-style-type: none"> • Developed lab manuals and books pertaining to UG/PG courses. • Supervised B.Sc.(Hons.)Agriculture as Major Advisor • Supervised M.Sc./Ph.D. students as Major Advisor, minor advisor and Dean’s nominee • Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective • Continuous evaluation of students. • Conducted practical’s with prime focus on hand on experience.

2	Dr. Bhav Kumar Sinha	Assistant Professor	12 years 09 months Area of Expertise: Highest qualification : Ph.D. Abiotic stress and Hormonal physiology	<ul style="list-style-type: none"> • Jindal Trust scholarships at U.G. level • Merit scholarship during Ph.D. programme at C.C.S.H.A.U., Hisar (Haryana) • Received Excellence in Teaching Award of the Society For Bioinformatics and Biological Sciences for the year 2017 at 02 days International conference from 12th October to 13th October 2017” at SKUAST-Jammu. • Received Excellence in Research Research Award of the Society For Scientific Development in Agriculture &Technology at 03 days International conference from 02ndDecember to 04thDecember 2017” at Rajasthan College of Agriculture, MPUAT, Udaipur, Rajasthan, India. • Rreceived Best Oral Presentation Award In 5th J&K Agriculture Science Congress on “ Climate Change Management for Sustainable Agriculture, Livestock Farming and Ecological Development” organized by SKUAST-Jammu.w.e.f. 14th October to 16th October 2019. • Conferred Best Poster Presentation Award in the National Conference on “ Women Empowerment Through Agro-Entrepreneurship for Livelihood Security” organized by SIDAVES at SKUAST-Jammu from 07th February to 08th February 2019. 	<ul style="list-style-type: none"> • Developed lab manuals and books pertaining to UG/PG courses. • Supervised B.Sc.(Hons.)Agriculture as Major Advisor • Supervised M.Sc./Ph.D. students as Major Advisor, minor advisor and Dean’s nominee. • Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective • Continuous evaluation of students. • Conducted practical’s with prime focus on hand on experience.
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Credentials of Faculty Members of Division of Microbiology

S. No	Name of the Faculty	Designation	Work experience	Honours and Awards	Excellence in teaching/ demonstrated competencies/achievements that contribute to effective teaching and student learning outcomes
1.	Dr Brajeshwar Singh	Assistant Professor	14 years Area of expertise: Highest qualification: Ph.D. Microbial biodiversity Molecular Plant Pathology, Endophytes, Microbial Diagnostics	<ul style="list-style-type: none"> • Received Mahima Agricultural Excellence Scientist Award during International conference on “Agricultural, Allied Sciences & Biotechnology for Sustainability of Agriculture, Nutrition & Food Security” organized at Banaras Hindu University, Varanasi from 25-26 Nov, 2017 by Mahima Research Foundation and Social Welfare • Received Excellence in Research Award for Outstanding contribution to Microbiology at International conference on Global Research Initiative for sustainable agriculture held on 02-04 Dec, 2017 at MPUAT, Udaipur, Rajasthan. • Received “Mahima Outstanding Achievement Award 2019” during International Conference on Climate Change & its impact on global food security and sustainability of agriculture, 23-24 Nov 2019 By Mahima Research Foundation & Social welfare, BHU, Varanasi 	<ul style="list-style-type: none"> • Supervised UG/M.Sc./Ph.D. students as Major Advisor • Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective • Continuous evaluation of students. • Conducted practical's with prime focus on hand on experience. • Ten days ICAR, New Delhi sponsored training on “Recent advances in production of biofertilizers and biopesticides” was organized jointly by Division of Microbiology & ACHR on Nov 13-22, 2019.

2.	Dr.Upma Dutta	Assistant Professor	12 Years Area of expertise: Highest qualification: Ph.D. Mycology and Plant Pathology, PGPR	<ul style="list-style-type: none"> • University merit scholarship in Ph.D. • Qualified National Eligibility Test (NET) conducted by Indian Council of Agricultural Research (ICAR), New Delhi. • Appreciation award Certificate as a Reviewer from springer Indian Phytopathology on 3rd July 2020 • Received Young Scientist Award 2018 from GKV Society on the occasion of National Conference on “Managing Natural Resources for Sustainable Agricultural” held at Agra, during 8th -9th December, 2018 • Awarded Best poster presentation award for poster on “Probiotic potential of lactic acid bacteria isolated from different sources of food and milk products” during 3rd National Seminar on “Smart Technologies to Boost Farm Profitability and Socio-Economic Status of Rural India”, RASSA-2018, w.e.f. 19-20 November 2018, at SKUAST-Jammu. • Awarded Best poster presentation award for poster on “Impact of climate change on microbial populations” during the International Conference on “Climate Change and its Impact on Global Food Security and Sustainability of Agriculture” organized by Mahima Research Foundation and Social Welfare, Banaras Hindu University, Varanasi, w.e.f. 23-24 Nov. 2019 	<ul style="list-style-type: none"> • Supervised M.Sc./Ph.D. students as Major Advisor • Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective. • Continuous evaluation of students. • Conducted practical’s with prime focus on hand on experience.
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Credentials of Faculty Members of Division of Statistics and Computer Science

Sr. No.	Name of the Faculty	Designation	Work experience	Honours and awards	Excellence in teaching/demonstrated competencies/ achievements that contribute to effective teaching and student learning outcomes
1.	Dr.Manish Kr. Sharma	Professor & Head	19 years 10 months Area of expertise: Highest qualification: Ph.D. Sampling Theory, Statistical Modelling and Statistical softwares	<ul style="list-style-type: none"> • University merit scholarship in M.Sc. • M.Sc. Gold Medalist • NCC B &C Certificates. • Vice-Chancellor's Appreciation Certificate • Visited University of Dodoma, Tanzania, East Africa on sponsorship by the organizers and delivered the invited talk and chaired the session in the 3rd Statistical Conference during the world statistical day organized • Appreciation by the Executive body, Society of Statistics, Computer and Application being organizing secretary during the 17th Annual National Conference. • Appreciation Certificate from Dr D Bhaskar, Joint Director, MANAGE, NIAEM, Hyderabad for organizing the five days training being organizing secretary. • Appreciation Certificate by Consortium Co-PI, NDRI for organizing the six days training being organizing secretary. • Expert/ Advisor of Rajasthan Public Service Commission (RPSC) and part of selection committee for selection of Asstt Professor at CSHPKV & IUST, Awantpora. 	<ul style="list-style-type: none"> • Developed lab manuals pertaining to UG courses. • Supervised M.Sc./Ph.D. students as Major Advisor and support to students as supporting/ minor advisor. • Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective • Continuous evaluation of students being Head of the division. • Trained the students with Statistical Methodology and Software through trainings and workshops time to time. • Part of selected list by the administration of the instructorsto deliver special lectures for students preparing for NET and ARS examinations. • Delivered six lectures per year on average basis as a resource person to students to acquaint with the Statistical Methods and its Application in research fields.

				<ul style="list-style-type: none"> • Appreciation Certificate from PI, NISAGENET, ICAR(New Delhi)for organizing the National workshop of Nodal officers of north zonebeing organizing secretary. • Awards/Appreciation Certificate by the ICAR institutes/SAUs/CUs etc. for delivering of Invited /Plenary talks. • Successfully Introduced dynamic university website, Inventory portals, BAS, Farmer portals, Android app, Virtual Kisanmela at university level etc being Nodal officer (IT) of the university. 	
2.	Dr. S. E. H. Rizvi	Professor (Statistics) & Additional charge Dean, FBSc	34 years Area of expertise: Highest qualification: Ph.D. Sampling Theory, Applied Statistics, Statistical Modeling	<ul style="list-style-type: none"> • Expert member/member evaluation committee for conducting the CAS interviews for Professors and Assoc. Professor at university and national levels. • Expert member of selection committee for conducting the interviews for Asstt. Professor at university and national levels. • Expert member of selection committee for conducting the interviews for non-teaching posts at university level. • Expert/ Advisor of Rajasthan Public Service Commission. • Worked as Observer/ Superintendent at Jammu Study Centre for Distance Education, AMU, Aligarh. • Appreciation by the Executive body, Society of Statistics, Computer and Application being organizing secretary during the 17th Annual National Conference. 	<ul style="list-style-type: none"> • Supervised M.Sc./Ph.D. students as Major Advisor • Developed practical manuals pertaining to UG courses • Conducted practicals with prime focus on hand on experience. • Guided PG students of this university regarding applications of statistical tools, planning of experiments, analysis and interpretation of their research data. • Strengthening of Divisional labs and class rooms through induction of required equipments and smart class room facilities etc. at faculty level • Contributed in the improvement/ strengthening of academic related activities at Divisional/ faculty level in order to effective teaching and

				<ul style="list-style-type: none"> • 08 Years as HOD • Examiner/evaluator/Paper setter in various SAU's/ASRB/UGC universities 	<p>student learning outcomes</p> <ul style="list-style-type: none"> • Involved in the organization / management of extra-curricular activities of students at faculty level on various occasions regarding celebration of events/day.
3.	Dr. M. Iqbal JeelaniBhat	Asstt. Professor (Statistics)	<p>6 years</p> <p>Area of expertise:</p> <p>Highest qualification: Ph.D.</p> <p>Sampling Theory , Applied Statistics</p>	<ul style="list-style-type: none"> • JKDST fellowship in M.Sc • M.Sc Gold Medallist • Doctoral UGC National fellowship • JRF/ SRF • Received “Certificate of appreciation” for conducting the 19th Annual National conference of Society of Statistics, Computer and Applications-2017 held from March 06-08, 2017 at the Division of Statistics & Computer Sciences, faculty of Basic Sciences, SKUAST-Jammu as Joint Organizing Secretary • Young Scientist Award during the National Conference on “Technological Challenges and Opportunities in Social, Environmental and Agricultural Reforms” conducted by GRWS, India 09-10 September 2017 • Excellence in Teaching Award during International Conference on “Recent Trends in Bioinformatics and Biotechnology for Sustainable Development” Society of Bioinformatics and Biological Sciences held at FV.Sc& AH, SKUAST-J, 12-13, October 2017 	<ul style="list-style-type: none"> • Continuous consultancy to research scholars and faculty regarding data analysis through various statistical packages. • Conducted various trainings and workshops on application of statistical methods in Agriculture and allied sciences. • Continuous evaluation of students. • Edited and developed various manuals pertaining to faculty members regarding application of statistics. • Supervised M.Sc. students as Major Advisor

6.5.2.4 Technical and Supporting Staff

Technical and supporting staff of the Faculty of Basic Sciences to cater the needs of practical and field experiments is as under:

Category of Staff	Number as in 2020-21
Technical	03
Administrative	03
Supporting	05
Total	11

Note: In addition 02 contractual faculty members and 04 Daily wagers are also employed as skilled/ unskilled/semi-skilled workers

6.5.3. Learning Resources

6.5.3.1. College Library (digital)

The University library is centrally located in the Main Campus, Chatha and caters needs of FBSc as well. It is equidistant from Divisions under FBSc and student hostels. There are sufficient books and reading materials, periodicals and journals encompassing all related subjects concerned. Besides, there are also daily newspapers provided in the library, Faculty and also in the hostels. The reading materials are categorically arranged. Working hours are from morning to late evening. There is more than ample space seating for the faculty and students. There is online access to many e-journals and resources available. Internet facility is available for the students.

6.5.3.2. Laboratories, Instructional farms, Workshops, Dairy Plant, Veterinary Clinic, Hatchery, Ponds etc:

The different laboratories in each division of the faculty cater the need of UG/PG practical classes and research. In addition, there are other laboratories that accommodate project related research as well as fulfilling the specific needs of the divisions. The protected structures in research farms are also used for research/teaching. The Faculty has Statistics Data Analysis Cell (SDAC) enriched with Statistical Softwares such as SAS, SPSS, R, JMP , that provides logistic support for statistical data analysis of students'/ faculty research work across the faculties.

6.5.3.3. Student READY/In Plant Training/ Internship/ Experiential Learning Programmes

There is no Undergraduate programme in the Faculty but students are provided Experiential Learning in employing Statistical & other Software as Student ready programme.

6.5.3.4. Curricula Delivery through IT (smart class rooms/ interactive board etc.)

The application of ICT in higher education being imparted in Faculty of Basic Sciences has entered a rapid development for the last five years with a generous support from ICAR in the form of Development Grant. The class rooms in the Divisions of the faculty has been upgraded to smart class rooms laden with all required audio visual facilities, interactive boards and LCD panels with full internet connectivity. In addition, the internet facilities in the faculty are Wi-Fi enabled for ensuring easy internet access to students and faculty members. Also, faculty members and students have been provided with credentials to access the central library facilities such as CeRA consortium, e-books and e-journals for ensuring quick access to research, teaching and learning material.

In the COVID-19 pandemic time where the offline classroom instructions are discouraged, faculty members are taking best advantage of online ICT tools such as e-mail and what's app groups for transfer of study material to students and class lectures/seminars and expert lectures are delivered using digital platforms such as Google Meet, Google classroom, Zoom and Microsoft teams. Furthermore, Google and Microsoft forms are also widely used by faculty members for carrying out student's evaluation.

In its endeavour to further the use of ICT tools in education being imparted in the faculty, it is envisaged to strengthen its online curriculum development and dissemination in future through development of *Massive Open Online Courses* (MOOCs) on different subjects offered by the faculty and establishment of virtual classrooms (Supervised/Unsupervised) to scale up its education services.

6.5.4 Student Development

6.5.4.1 Student Intake and Attrition

Student Admission and their Retention Data of FBSc2016-2021

Graduating Year	Students admitted				Dropped				Appeared in final Examination				Percentage passed	
	M		F		M		F		M		F		M	F
	No.	%	No	%	No	%	No	%	No.	%	No	%		
M.Sc.														
2016-17	01	14.28	06	85.70	-	-	-	-	01	14.25	06	85.70	100	100
2017-18	01	25.00	03	75.00	-	-	-	-	01	25.00	03	75.00	100	100
2018-19	01	12.50	07	87.50	-	-	-	-	01	12.5	07	87.50	100	100
2019-20	03	25.00	09	75.00	-	-	-	-	03	25.00	09	75.00	50	100
2020-21	07	53.84	06	46.15	-	-	-	-	07	53.85	06	46.15	100	100
Ph.D.														
2016-17	04	50	04	50	-	-	01	12.50	04	50.00	03	37.50	100	100
2017-18	05	100	--	--	-	-	-	-	05	100.0	-	-	100	100
2018-19	03	33.33	06	66.66	-	-	-	-	03	33.34	07	66.66	100	100
2019-20	05	55.55	04	44.44	-	-	-	-	05	55.56	04	44.44	100	100
2020-21	--	--	07	100	-	-	-	-	-	-	-	-	-	-

* Per cent of total; **Per cent of respective category

6.5.4.2 Number of students in theory and practical classes

S. No.	Name of the programme	Total intake/ year	Batch of students in theory class*	Batch of students in practical class*
1	M.Sc.			
	Biochemistry	06+01(ICAR)	01	01
	Plant Physiology	02	01	01
	Statistics & Computer Science	03	01	01
	Microbiology	08	01	01
2	Ph.D.			
	Biochemistry	02+01 (ICAR)	01	01
	Plant Physiology	02	01	01
	Statistics & Computer Science	03+01 (ICAR)	01	01
	Microbiology	02	01	01

#In case of service courses offered by the Divisions, more than one batches are formed.

**The practical's are conducted in one/two batches in the respective divisions (keeping in view the number of students), further divided into smaller groups especially in Non- gradial PGS courses offered by the Faculty.*

6.5.4.3 Admission process:

Eligibility for M.Sc. Basic Sciences:

The candidate must have passed Bachelor degree examination securing Grade point average (OGPA) categorized as below:

General category:

At least 5.50/10.00 on ten point scale/ or at least 55% marks, where grade point is not awarded.

Reserved Categories:

At least 5.50/10.00 on ten point scale/ or at least 55% marks where grade point is not awarded. Candidate must have passed or due to appear at the final examination and likely to get awarded the degree on or before the counselling date as mentioned in this brochure.

M.Sc. Basic Sciences		
1.	Biochemistry	B.Sc. Agriculture/ B.Sc. Horticulture/ B.Sc. Forestry/ B.Sc. Bio-Sciences / Life Sciences with Chemistry/Biochemistry
2.	Plant Physiology	Bachelors' degree in Agriculture/ Horticulture/ Forestry/ Bio-sciences with Plant Physiology/ Botany
3.	Statistics	B.Sc. Agriculture/ B.V.Sc. & A.H/B.Sc. Forestry/ B.Sc. Horticulture/B.Sc. (Stat/Math)
4.	Microbiology	Bachelors' degree in Agriculture/Life Sciences/ Biotechnology/Microbiology

NOTE: Only those candidates who have graduated from ICAR accredited institutions/ Universities with recognised degrees are eligible to apply.

Admission guidelines for SKUAST-J in-service candidates and in-service State Govt.

Nominee:

For admission of SKUAST-J in-Service Employees' and in-service state Govt. Nominee, only those applications with the prior permission from the employer shall be entertained. All Such candidates have to appear in Common Entrance Test (CET) conducted by the university abbreviated as SKUAST-J CET. The admit cards to such candidates are issued only after the submission of the "permission letter of the employer" to the Examination Cell by the candidate .The admission of the in-service State Government Nominee is also made on the basis of SKUAST-CET.

Eligibility for PhD:

General Requirements:

Master's degree in respective/related subjects

6.50/10.00 or equivalent OGPA/equivalent percentage (65%) of marks in Master's degree for general category candidates.

6.00/10.00 or equivalent OGPA/equivalent percentage (60%) of marks in Master's degree for reserved category candidates.

The subject wise eligibility requirements are given below:

1.	Biochemistry	M.Sc. Biochemistry
2.	Plant Physiology	M.Sc. in Plant Physiology/Botony with specialization in Plant Physiology/ Biotechnology / Life Science.
3.	Statistics & Computer Science	M.Sc. in Statistics /Agril. Statistics
4.	Microbiology	M.Sc. (Ag) Microbiology/M.Sc. Microbiology / Biotechnology/ Environmental Science / Molecular Biology and Biotechnology /Life Sciences/Plant Pathology

Admission to the various PG programmes of M.Sc. in Faculty of Basic Sciences is made by SKUAST-J Common Entrance Test (CET-PG) held usually in the month of June. For all Ph.D. programmes SKUAST-J Common Entrance Test (CET-Ph.D.) is held in the month of January every year.

The University notifies the list of selected students for registration and payment of fees. An orientation class is organized with general overview of the University, course, syllabus, examination procedures, rules and regulations and a mandatory pledge to abstain from the menace of ragging.

Post-graduate students in consultation with heads of concerned divisions register in major, minor and supporting courses depending on his/her research choice and academic demand.

Academic regulations, entitled Regulation on Resident Instructions (RRI) 2009, was being followed in SKUAST-Jammu. Several amendments and updating have been made, on the recommendation of Academic Council, from time to time, taking into considerations the local needs and ICAR recommendations. In the light of the above, RRI (2020) has come in to effect from 16th of March 2021 onwards. Academic calendar is strictly followed for all degree programs as notified annually by the Director Education, SKUAST-Jammu before the start of session.

Fees at the time of first admission

S. No.	Items	Master's Programmes	Ph.D. Programmes
1.	Admission	6000	8000
2.	Univ. Registration	5000	6000
3.	Caution/ Security for library (refundable)	3000	3000
4.	College laboratory development charges	1000	1000
5.	Semester registration	800	1000
6.	Tuition fee	4000	5000
7.	Examination fee	1000	1000
8.	Extra-curricular activities	500	500
9.	Medical examination	200	200
10.	Magazine fund (per annum)	200	200
11.	Identity card	100	100
12.	Placement and counseling fund	NIL	NIL
13.	Educational tour	NIL	NIL
Total (A)		21800	26000
1.	Hostel charges/room/semester		
i.	Single seated	3500	3500
ii.	Dormitory	2500	2500
iii.	NRI rooms	5000	5000
2.	Hostel security (refundable) for fresh admission	4000	4000
3.	Mess security (Refundable) for fresh admission	4000	4000
4.	Hostel maintenance/semester	500	500
5.	Utensils crockery breakage fund	150	150
6.	Common room fund	300	300
7.	Electricity charges/semester	2000	2000
8.	Generator charges/semester/student	3000	3000
Total (B)			
i.	Single seated	17450	17450
ii.	Dormitory	16450	16450
iii.	NRI rooms	18950	18950
Grand Total (A+B)			
iv.	Single seated	39250	43450
v.	Dormitory	38250	42450
vi.	NRI rooms	40750	44950

Recurring semester fees

S. No.	Items	Master's Programmes	Ph.D. Programmes
1.	Semester registration	500	1000
2.	Tuition fee	6000	8000
3.	Examination fee	1000	1000
4.	Extra-curricular activities	1200	1500
5.	Medical examination	200	200
6.	Magazine fund (per annum)	100	00
7.	Amalgamated fund	600	600
8.	Library fee	300	300
9.	Infrastructure development fee	500	500
10.	Student welfare	500	500
11.	Water charges	100	100
Total (A)		11300	13800

A. Hotel Charges (room rent)			
1.	Hostel charges/room/semester	3500	3500
(i)	Single seated	2500	2500
(ii)	Dormitory	5000	5000
(iii)	NRI rooms	500	500
2.	Hostel maintenance/semester	150	150
3.	Utensils crockery breakage fund	300	300
4.	Common room fund	2000	2000
5.	Electricity charges/semester	3000	3000
6.	Generator charges/semester/student	3500	3500
Total (B)			
i.	Single seated	9450	9450
ii.	Dormitory	8450	8450
iii.	NRI rooms	10950	10950
Grand Total (A+B)			
i.	Single seated	20750	23250
ii.	Dormitory	19750	22250
iii.	NRI rooms	22250	24750

Optional charges/semester

S. No.	Items	Master's Programmes	Ph.D. Programmes
a.	Refrigerator in room	800	800
b.	Air cooler	2500	2500
c.	Electric blower	2500	2500
d.	Air conditioner	12000	12000

University does not provide the appliances

Other fees

S. No.	Particulars	Fee
1.	Migration fee for the students migrating to SKUAST-J	5000
2.	Inter-University migration	500
3.	Supplementary/compartments exam fee/paper	1000/600 per course
4.	Make-up examination	100/course (mid-term) 200/course (eid-term)
5.	Rechecking	500/course
6.	Registration with late fee for on-roll students (only for maximum of 7 working days from the date of registration)	200/day
7.	Course addition/ withdrawal fee	200/course
8.	Special course fee	250/course
9.	Inter University migration certificate	500
10.	Thesis submission fee	1500 (Masters) 2000 (Ph.D.)
11.	Provisional Degree Certificate (PDC)	300
12.	Duplicate degree certificate	2000
13.	Duplicate migration certificate	1000
14.	Duplicate Library Card	100
15.	Duplicate PDC	1000
16.	Duplicate semester report/Mark sheet	1000
17.	Duplicate other certificates	100
18.	Transcript of academic record	500
19.	Duplicate transcript	1000
20.	Degree in absentia	500 (without folder) 1000 (with folder)
21.	Re-admission	2000
22.	Fee for verification of certificates (to be charged from the students from other states at the time of first admission)	500

▪ **Fee structure for Self-financing seats in addition to normal semester fees**

S. No	Programme	Category	Semester fee (Rs)	Self financing fee per Semester (Rs)	Total fee of 1st Semester (Rs)
1.	M.Sc.(Microbiology)	Self-Financing	21800	30000	51800
2.	Ph.D.(Microbiology)	Self-Financing	26000	30000	56000

6.5.4.4. Conduct of practical and hands on training

PG courses of the Faculty are designed with integrated practical classes. The practicals are conducted in one/two batches in the respective divisions(keeping in view the number of students), further divided into smaller groups(especially in Non- gradial PGS courses offered by the Faculty).The classes are based on demonstration and hands-on experiences on a predetermined and carefully outlined schedule. Practical classes are of two hours duration. A judicious balance has been ensured in distribution of course credits in theory and practical. Practical training is imparted to produce a well balanced and all-rounder student.

Evaluation of practical aspects of the curriculum receive much greater emphasis leading to separate examinations and requiring the student to secure a minimum of 60% marks. For post-graduate program practical exams are conducted at the end of the semester with weightage depending on credit hours of a particular course. Some courses are totally practical oriented, while some have both theory and practical.

6.5.4.5. Examination and evaluation process

All the examinations midterm, end term/final semester and professional examination in the faculty are held centrally as notified by the Examination Cell from time to time in accordance to the Academic Calendar.

Evaluation of course work (Post Graduate programmes): The evaluation of a student's achievement in a course shall be based on his/her performance in various tests, laboratory and library assignments, special problems, seminars and other types of exercises. Every teacher in addition to the course outline for teaching should also prepare scheme for quiz examinations.

Quiz: This is written test of 30 minutes duration, which may consist of questions requiring very brief answers. The date of the test and the subject matter to be covered in the test shall be announced at least one week in advance. There shall be two such quizzes, normally one in the 6th week and other in 15th week of the semester, where ever applicable.

Mid-term examination: During the 11th week of each semester, there shall be an examination in each course which shall last for at least one hour. Examination Cell shall schedule this examination during each semester. Dates for holding this examination will be announced in the Academic Calendar.

Procedure to conduct mid-term examinations a. The paper setting and evaluation of answer sheet(s) shall be done by the Course Instructor concerned. b. The Course Instructor will set two papers for each course and forward them in separate envelopes, under seal, to the Director Education, at least one week before the scheduled date of examination. c. Director Education will select one paper out of the two and get the required photocopies of the question paper prepared from the Examination Cell. The same shall be put in an envelope under seal bearing the signatures of the Course Instructor concerned and the I/C Examination Cell. d. The sealed envelope of the question paper will be opened at the time of the examination in presence of the Course Instructor or any other teacher nominated by the Head of the Division concerned. e. The answer sheet(s), as per the requirement, shall be provided by the Examination Cell.

Evaluation of mid-term Examination: a. After the examination, the Examination Cell will hand over the answer sheet(s) to the Course Teacher concerned for evaluation. b. The Course Teacher shall submit the results of mid-term along with the 1st quiz to the I/C Examination Cell through the Head of the Division concerned and Dean. The classes will remain suspended during the Mid-term examinations. 6.1.3 End-term/professional year examination Towards the end of a semester/professional year, there shall be one examination in each course which shall last for at least three hours and shall cover the entire subject matter of the course.

Procedure for conducting end-term/professional year examination: This examination shall be scheduled by the Examination Cell keeping in view that: a. No student shall have to appear in more than two such examinations on one day. b. The paper for end-term theory examination of undergraduate programme shall be set and evaluated by experts from outside the University. c. There shall be centralized table evaluation system of the answer books. d. In case the External Examiner is not available for evaluation, the answer sheets will be evaluated by a teacher of the discipline concerned, but other than the Course Instructor, who shall be nominated by the Director Education. A 30

Award of grades

- a. At the end of each semester/professional year students in each course shall be graded on the basis of the cumulative results of different kinds of tests and examinations and on the basis of performance in the laboratory and the library assignments, special problems, seminars and other types of exercises.
- b. The grades earned by a student in each course shall be sent in the prescribed pro forma to the Registrar. (Annexure-VIII)
- c. The sum of the marks awarded to each student in a course shall be rounded off to two decimal points by the instructor. For rounding, the last digit which is ≥ 5 shall be rounded off to the next digit for calculating grade point.
- d. From grade points for different courses taken by a student in a semester/ professional year, the grade point average (GPA) of the semester/ professional year shall be calculated taking into 33 consideration the credit hours of different courses. Similarly, the overall grade point average (OGPA) of the student shall be calculated by taking into account the cumulative credit hours and the cumulative credit points.
- e. If a postgraduate student obtains less than 60.0 per cent marks in a particular course, he shall be awarded 'F' grade.
- f. No credit points shall be awarded for a course in which the student obtains 'F' grade. The student shall be required to repeat all the courses in which he/she has obtained 'F' grade for successful completion of the degree programme.
- g. The Head of the Division shall send the marks obtained by students in different examinations to the Dean who shall forward it to I/C Examination Cell through Director Education, where from the grades obtained by a student shall be forwarded to Registrar.
- h. If the result of course(s) is/are not received by the Registrar in respect of a student up to the end of the subsequent semester, the student shall be automatically awarded 'F' grade in that/those course(s) and the result declared accordingly, unless intimation is received within this period from the Dean concerned that a particular result has been withheld for reasons to be specified in the communication.

Significance of grades

In addition to the grade points, the significance of the various grades shall be as follows:

- F- Fail
- I- Incomplete
- S- Satisfactory
- US- Unsatisfactory
- W- Withdrawn
- NC- Non-Credit Course
- 'R' Superscript - Repeated course

- a. In order to complete a course and earn the grade point corresponding to the course, a student is required to get a minimum of 6.00 (10.00 basis) grade points in the case of postgraduate students.
- b. A student, who has failed in a particular course but has attended the requisite number of classes, may register for the same course when it is offered regularly to the next class. It will be compulsory for such students to meet attendance requirements in theory as well as in practical along with regular classes in this repeat course. They will be required to appear in all the examinations/assignments etc. along with regular class. These courses will be designated as special courses. If a student taking a special course again fails, he/she will have to take it subsequently whenever offered as a regular course, and will have to meet all the requirements including attendance in theory and practical as well as the examinations. The students may be allowed to register for special courses in a semester, within the maximum prescribed limit of credit load. The students on good standing may be allowed to register for one additional special course in addition to the maximum credit load.
- c. When a student gets grade "F" in a course, the grade points corresponding to that course shall not count for but the credits and grade points shall be taken into account for computing the grade point average subject to the provision of Chapter 5, Clause 5.7.2 for postgraduates.
- d. An instructor shall award 'W' in his/her course only to a student who has been permitted to withdraw from a course under Chapter 6, Clause 6.4.5
- e. Research work done at the postgraduate level may extend to two or more semesters. The progress made during each semester shall be graded as 'S' or 'US'. If a student does not put in the required effort for the credits for which he was registered, the Major Advisor may either award him 'US' grade for the entire credits for which he/she was registered or may give 'S' grade for the reduced number of credits. Credits corresponding to research for the semester shall count towards graduation requirement only if the student gets 'S' grade for research during the semester. 'S' and 'US' grades shall also be awarded to indicate:
 - i. that a postgraduate student has passed (S)/failed (US) in the written comprehensive examination
 - ii. that a Ph.D. student has passed (S)/failed (US) in the preliminary oral examination
 - iii. that a student has passed (S)/failed (US) in non-credit courses

Incomplete Grade

- a. When a student can't complete final examination on account of some valid reason with the permission as mentioned under the regulations for make-up examination, he may be awarded grade 'I' provided that she/he is satisfied that the student's progress in the studies, his attendance and his performance in the other tests and assignments have been satisfactory as per the regulations. When 'I' grade is awarded in a course, the Registrar shall declare the result of the student without taking into account that course. The result in that course shall be kept in abeyance till such time make-up test is held and the final grade submitted in accordance with the provision of these regulations.
- b. On receipt of the final grade as indicated above, the Registrar shall issue the revised semester report in respect of the student.

Answer books

Answer books of all the tests and examinations except that of end-of-semester examination shall be shown by the instructor(s) to the students for their satisfaction. The teachers concerned shall keep the answer-books for one semester/professional year following the semester/professional year in which examination was conducted. After that period, the teacher/ examination cell may dispose of the answer books.

Representation for rechecking

- a. Re-evaluation of end-term answer books will not be allowed to the student.
- b. Re-checking of end term and annual term (B.V.Sc. & A.H.) on the request of student concerned, after paying Rs. 500/- per paper can be allowed. The student can represent to seek re-checking of the grade within 3 days of announcement of result to Director Education through the Head of Division/Section and Dean concerned. Director Education after going through all documents and after getting satisfied about that there has been a genuine mistake shall make necessary rectification with the recording of the circumstances of error. The Registrar shall, thereupon, issue a revised semester report. Such corrections shall normally be reported to the Registrar within seven (7) days of the declaration of the result.

SLNo.	Percentage of marks obtained in a particular course	Corresponding grade points
1.	100.00	10.00
2.	86.64	8.66
3.	78.88	7.89
4.	96.50	9.65
5.	76.73	7.67
6.	76.75	7.68

Other examinations of postgraduate programmes

Examinations for course-work

- a. All PG students shall take examinations in the various courses included in the approved programme of study in the major, minor and supporting fields and shall be required to obtain acceptable grade as prescribed in these regulations.
- b. The teacher(s) conducting a course of study shall be responsible for judging and guiding the students' performance in the subject concerned through quiz examination, special assignments, midterm examination and the end term (final) examination.

Written comprehensive examination (For PG students)

- a. No postgraduate student shall be admitted to written comprehensive as the case may be, unless he/she has completed at least 75% of the prescribed course in major and minor disciplines separately.
- b. For Master's and Doctoral programmes, the students shall be required to pass a comprehensive examination covering the course offered in the major and minor disciplines of the study. The comprehensive examination shall be arranged by the Examination Cell. The comprehensive examination shall be conducted only once in a particular semester.
- c. For Master's programme there shall be one written paper for courses covering major discipline and one paper for courses covering minor discipline of the study. Each paper shall carry 100 marks.

- d. For Doctoral programme there shall be two written papers for courses covering major discipline and one paper for courses covering minor discipline of the study. Each paper shall carry 100 marks.
- e. The examinations shall be conducted in 1st fortnight of every semester for Major courses and 2nd fortnight of every semester for Minor courses. A Master's or Doctoral student has to appear for these examinations in same semester.
- f. To obtain a pass in the comprehensive examination, the student shall be required to obtain at least a grade point of 6.00/10.00
- g. A Master's student has to successfully complete the written comprehensive examination before the submission of the thesis. The viva voce of comprehensive examination for Masters' students shall be conducted along with the viva voce examination of the thesis by the advisory committee with an additional expert from outside the University appointed by Director Education.

Preliminary oral comprehensive examination (for Ph.D. students)

- a. All students in Ph.D. programme shall be required to pass a preliminary oral examination to testify to the knowledge gained in the major and minor disciplines of the study. The preliminary oral examination shall cover both major and the minor disciplines of the approved programme of the study.
- b. The preliminary oral examination shall be conducted by the Advisory Committee with an additional expert from outside the University to be appointed by the Director Education. The external member shall be specialist in the major discipline of the student's programme of study. Result to be submitted in PG Form VI.
- c. A Ph.D. student after passing written comprehensive examination can appear for oral comprehensive examination in the same semester.
- d. A student failing in the preliminary examination may be allowed to re-appear at the subsequent examination to be held, in the manner prescribed, but not earlier than 3 months from the date of the first examination. If a student fails for the second time he shall not be allowed to continue as student in the University nor shall he/she qualify for award of Ph.D. degree.

Note: For doctoral programme the preliminary oral examination is not be held before qualifying written comprehensive examination.

Procedure for conductance of comprehensive examinations

a. Written comprehensive examination

The comprehensive examination shall be conducted as under:

- i. The written comprehensive examinations shall be conducted at a centralized place by the Examination Cell.
- ii. The paper setting and the evaluation of the answer sheet(s) shall be done by the External Examiner(s).
- iii. At the beginning of each academic session, the Dean concerned shall obtain a panel of 10-15 External Examiners, along with their fields of specialization, from the Head of the Division concerned.
- iv. Out of the panel the Dean will short list three names and forward to the Director Education for final selection of the External Examiner. Director Education will select the External Examiner from within the panel for setting the paper and evaluation of the answer sheet(s).

b. Oral comprehensive examination and thesis viva voce

Procedure for conducting oral comprehensive examination and Thesis viva voce shall be as under:

- i. At the start of the each academic year, the Dean concerned, shall obtain a panel of 10- 15 External Examiners, along with their field of specialization and their contact details, from each Head of the Division. The oral comprehensive panel shall be constituted from these 10 to 15 experts by the Head in consultation with Advisor (PG Form V).
- ii. The Dean will select three names out of the panel and the same shall be forwarded to the Director Education for selecting the External Examiner from within the panel for conducting the oral comprehensive of the Ph.D. students
- iii. Similarly, in case of the thesis viva voce, at the start of the academic year the Dean concerned will obtain a panel of 10-15 External Examiners, along with their field of specialization, from each Head of the Division and their contact details. The viva voce panel shall be constituted from these 10 to 15 experts by the Head in consultation with Advisor (PG Form VII).
- iv. The Dean will select three names out of the panel and the same along with the thesis/theses shall be forwarded to the Director Education.
- v. Director Education will select the External Examiner(s) from within the panel for conducting the thesis viva voce of the students.
- vi. Director Education through the Examination Cell will take up further correspondence with external examiner for getting their acceptance to act as External Examiner. Date of oral comprehensive examination shall be finalized by the Director Education in consultation with the external examiner and intimated to the Dean concerned so that the Advisory Committee and the student are intimated well in time.
- vii. At the time of the submission of the thesis (paper bound), the thesis will neither contain the name of the student nor the names of the Advisory Committee members. Therefore, the Acknowledgement page, Certificate I, II, III, etc., will not be attached with the thesis. Instead, coded name of the student and the Major Advisor shall be mentioned on the thesis by the Director Education while sending the thesis for evaluations.
- viii. The oral comprehensive examination and the thesis viva voce examinations (except Ph.D. programme) shall be conducted in a designated room in each Faculty, having the CCTV and audio recording facilities. For Ph.D., refer Clause 6.14.2 'c' of this Chapter.
- ix. Examination Cell will make all the arrangements regarding the conduct of the oral comprehensive and thesis viva voce examinations, including arranging the transportation and the stay of the External Examiner.

. Sending of thesis to and evaluation by External Examiner(s)

Master's programme

- a. The thesis submitted by a student shall be sent to one External Examiner for evaluation who shall be appointed by the Director Education from a panel of at least 3 names recommended by the Dean out of 10-15 recommended by Head of the Division concerned in consultation with major advisor (PG Form VII).
- b. The external examiner will submit a report in the prescribed pro forma (PG Form VIII) commenting on the thesis and recommending its acceptance or rejection. If the thesis is rejected by the external examiner, the case will be submitted by the major advisor to the advisory committee of the student for decision. If the advisory committee agrees with the external examiner, the thesis shall be rejected. In case, the advisory committee does not agree with the recommendations of the external examiner, the thesis shall be sent to another external examiner and the comments of such external examiner shall be final.

Ph.D. programme

- a. The thesis submitted by a student shall be sent to two External Examiners for evaluation who shall be appointed by the Director Education from a panel of at least 3 names recommended by the Dean out of 10-15 recommended by Head of the Division concerned in consultation with major advisor (PG Form VII).
- b. The External Examiners will submit their reports in the prescribed pro forma (PG Form VIII) commenting on the thesis and recommending its acceptance or rejection. The External Examiner shall send their reports on the thesis to the Director Education.
- c. In case both the original External Examiners reject a thesis, the thesis shall be rejected for award of the degree and the student shall be dropped from the University without any right to readmission.
- d. In case, one of the external examiners rejects the thesis for award of the degree, the thesis shall be sent to third expert out of already recommended original panel for the thesis for scrutiny and independent evaluation.
- e. In case, the third additional member recommends the thesis for award of degree, her/his recommendation shall be accepted. If the third additional member also rejects the thesis, the thesis shall not be accepted and the student may be permitted to continue the work and/or rewrite the thesis and submit the same after a lapse of at least of one semester. However, if the thesis is again rejected after resubmission the student shall not be permitted to submit the thesis at third time.

No postgraduate thesis shall be sent for evaluation unless

- a. It has been computer typed and bound as specified.
- b. Is accompanied by a certificate from Major Advisor that the work reported in the thesis is the original research work of the student and has been conducted under direct supervision of the major advisor.
- c. Provision as envisaged under Clauses 5.18(h) & 5.18 (i) of Chapter-5 are met.

. Thesis viva voce/final examination

Master's programme

- a. On receiving a satisfactory report on a thesis for Master's programme from the external examiner, the student shall be admitted to thesis viva voce and oral comprehensive examination within 4 weeks of the recommendation of the external examiner.
- b. The viva voce examination of the thesis and oral comprehensive examination shall be conducted by the student's Advisory Committee and one external examiner to be appointed by the Director Education, in consultation with the Dean and major advisor of the student. The external examiner shall be a specialist in the student's major discipline of study. Result to be submitted in PG Form IX.

Ph.D. programme

- a. When the thesis submitted by a student is accepted for award of the degree on the unanimous recommendations of the examination committee, the student shall be admitted to final viva voce examination, within 4 weeks of the receipt of the unanimous recommendation of the thesis.
- b. The final viva voce examination shall be conducted by the student's advisory committee and one of the additional members who has examined and read the thesis of the student.
- c. An open thesis viva voce examination, based among other things, on the critiques given in the evaluation report, shall be conducted in the Division of major subject by the Major Advisor and at least one of the two External Examiners who have evaluated the thesis and shall be open to be attended by Members of the Research Advisory Committee, all Faculty members, other research scholars and other interested experts /researchers. Result to be submitted in PG Form IX.

Award of degree

A PG student shall be considered fit for the award of the particular degree after he/she has successfully completed course work, his/her thesis has been accepted for the degree, and after the examination committee sends a satisfactory report on his/her performance in the thesis viva voce examination. A student failing in any of these requirements shall not be entitled to the award of the particular degree.

NCC/NSS/RVC Units

Not applicable as these activities are only for bachelor's degree students.

Language Laboratory

The faculty of Basic Sciences does not employ any language teaching program, but postgraduate students are required to enrol themselves in a compulsory non-credit course Technical Writing and Communications Skills (PGS-502, 0+1). Besides, many literary activities, symposium and debates, student seminars are routinely held to inculcate the communication and language skills in the students.

Cultural Centre

The Faculty encourages the participation of its students in all diverse cultural activities that are organized by the Dean (Students' Welfare) of the University. Besides, routine activities are organized and involve all students as a part of the cultural exchange programme under Indian Council for Cultural Relations (ICCR) Jammu chapter as part of their continuous and international cultural program. The campus and hostels also form a part of the larger cultural amalgamation of students from various parts of the country, where they are exposed and mingle under a common banner.

6.5.4.9. Personality development

As a part of the personality development programme, students are always encouraged to communicate in clear, concise and precise language. The students get an opportunity to sharpen their speaking and communicative skills by way of countless student seminars, student demonstrations, deliberations and discussions, written and oral examinations in every course. More opportunity arise in student participations in competitive literary and symposium organized from time to time. Such myriad verbal exercises give ample opportunity to sharpen the communicative skills and confidence that build their personality.

6.5.5. Physical facilities

6.5.5.1. Hostels:

The University has two on-campus hostels, one for boys and two for girls that sufficiently cater the needs of students of FBS as well. Both the hostels have student amenities such as Mess facility, Drinking water facility, Indoor games and Emergency medical facility. Cleanliness and hygiene of the hostels are given due importance.

6.5.5.2. Examination hall

The Faculty has centralized facility of three university level examination halls for conducting examinations of the students. The routine examination halls with sitting capacity of 400 students also have CCTV surveillance system.

6.5.5.3. Sports and Recreation Facilities:

The Faculty has facilities for indoor games such as badminton, table tennis and outdoor games such as volley ball, basketball, gym etc. at university level. These facilities are maintained under Dean Students' Welfare of the university.

6.5.5.4. Auditorium:

The Faculty has a Committee room at Dean's office. In addition, it has a centralized facility of Conference Hall at university level having sitting capacity of around 200 persons and an auditorium at university level with sitting capacity of approx. 1000 persons. These facilities are regularly used for convening meetings, faculty celebrations, and organization of academic events such as conference, seminar, symposia etc.

6.5.5.5. Exhibition Hall / Museum:

The Faculty has a centralized university level museum.

6.5.6. Research Facilities

6.5.6.1. Postgraduate Laboratories and Equipment:

S. No.	Name of the Laboratory	Equipment available
Division of Microbiology		
1.	UG & PG laboratory	Hot air oven, BOD Incubator ,Incubator shaker ,Spectrophotometer; Laminar air flow, Mini Centrifuge, pH meter, Microwave oven, Vortex, Magnetic stirrer, Distillation water unit, Electrophoresis unit with power supply, Analytical balance, Refrigerator, Autoclave, Binocular microscope with camera attachment, Binocular microscope, Student microscopes
2.	Microbial Genetics Laboratory	Electrophoresis unit with power supply, Analytical balance, Refrigerator, Autoclave, Binocular microscope with camera attachment, Binocular microscope
3.	Microbial repository	Refrigerator, Autoclave, Binocular microscope with camera attachment, Binocular microscope, Storage racks
Biochemistry		
1.	Natural Product-cum-Nano Lab	VU-VIS Spectrophotometer, Rotary vacuum evaporator, Refrigerated Centrifuge, Analytical Balance, Water Bath, BoD Incubator, Deep Freezer (-80 °C), Deep Freezer (-20 °C), Hot air oven, Autoclave, HPLC, Laminar air flow, Protein electrophoresis unit, vortex, Freeze dryer, Hot plate, Refrigerator
2.	Natural Product lab	Water distillation unit, Analytical balance, Deep freezer (-20°C), Protein electrophoresis unit, Vortex, Rotary vacuum evaporator, Water bath, Microwave oven, Hot air oven, Refrigerator, Hot plate, Micro centrifuge, pH meter
3.	Molecular Biology Lab	UV-VIS Spectrophotometer, Refrigerated Centrifuge, Nano drop, Analytical Balance, Water Bath, BoD Incubator, Deep Freezer (-80 °C), Deep Freezer (-20 °C), Hot air oven, Autoclave, Laminar air flow, Protein electrophoresis unit, Gradient PCR, vortex, magnetic stirrer, Hot plate, Refrigerator, PCR work station

Division of Statistics & Computer Science		
1.	Computer Lab cum Statistics Data Analysis Cell (SDAC)	Computer assemblies, Statistical Softwares such as SAS, SPSS, R, JMP etc, UPS, Printers
Division of Plant Physiology		
1	PG lab	VU-VIS Spectrophotometer, Analytical Balance, Water Bath, BOD Incubator, GLC, DNA electrophoresis unit, vortex, Ice flaking machine, Kjeldhal unit, amino acid analyzer, Leica(microscope), titration machine, mini-centrifuge, centrifuge 5000rpm, Hot plate, microscope, pH meter, EC meter, magnetic stirrer, desiccator, heating mental, distillation unit, Seed germinator, CO ₂ incubator.
2	UG lab	Soxhlet Apparatus, Kjeldhal unit, microscope.
3	Tissue culture Lab	Ultra-Centrifuge (refrigerator), Analytical Balance, Deep Freezer(-20 °C), Hot air oven, Autoclave, Laminar air flow, Micromist fog associate, tissue culture rack.

6.5.6.2. Research Contingency

The Faculty receives grants under various headings from State Grant-in-Aid (Non-Plan) as well as ICAR development grants. From State grant Materials and Supplies (Research Operating Cost) is utilized for all research purpose of the Divisions. From ICAR Development grant funds are received under various specific headings like Equipment, Materials and supplies, etc. that are used for research. The budget allotments are distributed depending on specific requirements of the various divisions, number of scientists and PG student undertaking research trials.

Besides, research contingency is also utilized by many divisions from many University and externally funded Research & Development/ Infrastructure development/ societal projects.

Research Contingency Grant, FBSc (2020-21)

Name of the Division	Research Contingency (in Rs. Lakhs)		Whether it meets the students' demand?
	State Grant	ICAR Dev. Grant	
Biochemistry	6.25	5.00	Yes
Plant Physiology	9.42	8.65	Yes
Statistics & Computer Science	10.97	1.50	Yes
Microbiology	5.40	4.86	Yes

6.5.7. Outcome/Output

6.5.7.1. Student Performance in National Examinations:

Year	JRF	SRF	NET	ARS	Other (Specify)
	No.	No.	No.	No.	No.
2016-17	-	-	02 (ICAR)	-	01 (INSPIRE)
2017-18	01 (CSIR-UGC)	-	03 (ICAR) 01 (CSIR-UGC)	-	01 UGC Fellowship 03 (SLET) 02 (INSPIRE and ICSSR)
2018-19	-	-	04 (ICAR)	02	01 UGC Fellowship 02 (INSPIRE and ICSSR)
2019-20	01 (CSIR-UGC)	-	02 (CSIR-UGC)	-	01 (GATE)
2020-21	01 (CSIR-UGC)	-	01 (CSIR-UGC)	-	-

6.5.7.2. Students Placement Profile: (2016-21)

Position	Number
Universities/Research Institutes	03
Central/ State Govts.	04
Industries/ Corporate Sector	05
Entrepreneurs	-
Others (specify) ARS	01

6.5.7.3. Awards/Recognitions/Certificates:

Awards, recognitions, certificates	Student	Faculty
Year 2016-2021	04	32

6.5.7.4. Employability:

Besides the academic curriculum, the students of FBSc are also groomed for their personality development and soft skills such as communications, critical thinking, positive attitude, team work and work ethics etc. in order to improve their employability in various sector/organizations such as:

1. **State Government**
2. **Centralized Sectors**
 - a) I.C.A.R. (Indian Council of Agricultural Research)
 - b) Civil services and public services
3. **Universities/ State Agricultural universities and other institutes**
4. **Private Sector**

6.5.8. SSR of the College must have the SSR of all its Degree Programmes (following section 6.4), then the report of the Colleges shall be considered.

6.5.9. Certificate (Applicable when SSR is submitted for programmes & College).

I, **Dr. S.E.H. Rizvi, Dean, Faculty of Basic Sciences**, hereby certify that the information contained in Sections 6.4 and Section 6.5.1 to 6.5.7.4 are furnished as per the records available in the Faculty and degree awarding university.

Signature of Dean of the college with date and seal

S.E.H. Rizvi
04/05/2021
Dean
F.B.Sc. SKUAST-J
Main Campus Chatha

6.5.10. Each College shall submit SSR as mentioned in 6.5.8. It shall be prerequisite for the SSR of the Agricultural University

**Self Study Report for the
Programmes
(Faculty of Veterinary Sciences
& Animal Husbandry)**

Programmes of Faculty of Veterinary Sciences and Animal Husbandry (FVSc. & AH)

The Faculty of Veterinary Sciences and Animal Husbandry came into existence at Ranbir Singh Pura, Jammu on 15th December 1995 when it was formally inaugurated by then Governor of Jammu & Kashmir, Gen. (Retd.) K.V. Krishna Rao. The fledgling institute became the regional hub of veterinary education under the erstwhile SKUAST and then under SKUAST-Jammu with its establishment on 20th September 1999. Sprawled over an area of 98 acres at Ranbir Singh Pura, the Faculty caters to the welfare of animal wealth and livestock farmers of the Jammu province. Education was initiated by a handful of pioneer and dedicated teachers to teach the first batch of pupils through their graduation programme. On 15th June 2000, the prescribed curriculum endorsed by the Veterinary Council of India (VCI) was implemented, together with the sanctioning of minimum recommended teaching posts. By 2001, the first recruitment was initiated, which by today has swelled to a total strength of 72 teaching faculty out of the sanctioned 108 posts. Various supporting and ancillary staff posts have been filled to a present strength of 115, out of the sanctioned 164 posts. The institute proudly features a resourceful and diverse scientific workforce coming from nooks and corners of the country from varied and elite organizations. This amalgamated representation has enabled the Faculty to intermingle diverse and liberal ideas through a unified scientific temperament.

Mandate

- Imparting education in the field of Veterinary Sciences and Animal Husbandry in order to create trained human resource for Jammu & Kashmir.
- Conducting basic and applied research on issues of regional importance in different spheres of Veterinary & Animal Sciences.
- Extension of technical knowhow to line departments, farmers and other stake holders.
- Preservation and conservation of natural animal resources.
- Promotion of awareness for animal welfare.
- There are seventeen (17) divisions in the Faculty of Veterinary Sciences and Animal Husbandry; and the faculty offers B.V.Sc. & A.H., M.V.Sc. and Ph.D. degree programmes in Veterinary Sciences and Animal Husbandry stream.
- The students are guided through allotment of advisor at UG level and advisory committees at M.Sc. and Ph.D. level is given below:

S. No.	Advisory Committee for Ph.D. students	Advisory Committee for M.Sc. students
1	Major Advisor	Major Advisor
2	Member from major subject	Member from major subject
3	Member from minor subject	Member from minor subject
4	Member from supporting subject	Dean Nominee's
5	Dean Nominee's	

Under Graduate Programme

**Bachelor of Veterinary Sciences
& Animal Husbandry
(B.V.Sc. & A.H.)**

6.4.1. Brief history of the degree programme:

B.V.Sc. & A.H. degree programme was started at R. S. Pura, from 1999 with the objective to meet the local aspirations and to produce skilled graduates for animal husbandry and sheep husbandry sectors in Jammu and Kashmir (J&K) and to produce academicians and researchers for national and international establishments, and to produce entrepreneurs. On bifurcation of the SKUAST Jammu and Kashmir, in 1999, into SKUAST-Jammu and SKUAST Kashmir, the approved admission capacity of SKUAST Jammu for B.V.Sc. & A.H. was 41. Currently the intake capacity for B.V.Sc. & A.H. is 70.

The objective of starting the degree programmes in the F.V.Sc. & A.H. of SKUAST Jammu was to meet the local aspirations and to produce skilled graduates and post graduates for animal husbandry and sheep husbandry sectors particularly for the erstwhile state of J&K, to produce academicians and researchers for national and international establishments, and to produce entrepreneurs.

The achievements of the graduates pass outs of the Faculty are that most of them are employed in Animal Husbandry and Sheep Husbandry Departments of Jammu and Kashmir, Central and State agricultural universities, and Research institutes after pursuing higher studies. Many pass outs are occupying prestigious positions in the Govt. departments of the J&K UT and at national level like IAS, IFS, IFRS, JKAS after competing through competitive exams. Many pass outs have established their own private clinics for large and small animals and some have started dairy and poultry farms and have provided employment to others; some are working with NGOs while some are employed in foreign countries while many have joined RVC, ITBP etc.

6.4.2. Faculty strength

Cadre-wise, both sanctioned and in-place Faculty strength of the Under-Graduate degree Programme for Faculty of Veterinary Sciences & Animal Husbandry, SKUAST-Jammu is as under-

S. No.	Faculty	Sanctioned Faculty	Faculty in place	Vacant position	Faculty recommended by ICAR/ UGC/ VCI/ other regulatory bodies
1.	Professor	17+2 ^{\$}	2*+1 ^{\$}	15+1 ^{\$}	17+1 ^{\$}
2.	Associate Professor	32	18*	14	16
3.	Assistant Professors	61	46*+2 [#]	15	41

Note: Assistant Professors and Associate Professors promoted through CAS to Associate Professors and Professors, respectively, have been counted against respective original posts on which they were selected and are occupying.

*All faculties are assigned the responsibilities for multiple programmes like UG, PG and Ph.D. teaching, Research and Extension. The faculty is permanent. There is no separate staff for research or extension.

^{\$} Dean and Associate dean

[#] Contractual faculty in the division of Veterinary Microbiology

6.4.3. Technical & Supporting Staff:

Sanctioned posts	In place	Recommended by ICAR/UGC/VCI/other regulatory bodies
165	118*+1 [#] +20 [®]	As per need in each department

*All technical and supporting staff are assigned responsibilities for multiple programmes.

Note: The staff includes accounts officer (1), accountants (2), accounts assistant (1), Stenographers (6), head assistants (2), Assistant programmer/ computer assistants (18), field cum lab assistants (FCLA=28), Livestock assistants (8), drivers, and OCC/Lab attendants.

[#]Contractual radiographer

[®]Daily wagers

6.4.4. Class Rooms & laboratories:

The Faculty of Veterinary Sciences and Animal Husbandry has seven class rooms with a seating capacity of 100 students each for UG teaching.

All the divisions have well equipped UG. In addition, the faculty has instructional livestock dairy farm, poultry farm and teaching veterinary clinical complex. The faculty also utilizes the dairy, equine and poultry farms and biological products laboratory of the Animal Husbandry Deptt., Jammu and Sheep and Goat farms of Sheep Husbandry Deptt., Jammu for practical training and internship of the UG students. These Govt. Livestock Farms have hundreds of cattle and buffaloes of different breeds, Donkeys and and some mares, poultry broiler farm, layer farms, and several thousand sheep and goats which provide ample exposure and hands on training to the students.

The Instructional livestock farm complex (ILFC) of the faculty has 53 cows and 10 buffaloes, 15 sheep, 15 goats, 500 poultry broilers and 200 poultry layers.

Instructional hatchery unit with capacity of 1000 breeding parent stock and 1,50,000 chicks per year is currently under construction and will be added to the ILFC.

Each class of B.V.Sc. & A.H. forms one batch for theory classes, whereas for practical each class is divided into 2 batches for conducting practical classes on separate days. Each batch is further divided into smaller groups of 10 to 15 students each for giving individual attention.

Degree Programme	No. of classrooms	No. of functional laboratories	Justification
B.V.Sc. & A.H.	8	30	All Labs are well equipped and fully functional for UG Practicals and demonstrations

(i). Division wise detail of laboratories

Name of the Division	Name of the Laboratories
Animal Genetics and Breeding	UG Lab
Animal Nutrition	UG Lab
Livestock Production and Management	Stress Biology Laboratory Cell Biology Laboratory
Livestock Products Technology	UG Lab
Veterinary Anatomy	UG Lab
Veterinary and Animal Husbandry Extension Education	UG Lab

Veterinary Gynaecology and Obstetrics	Undergraduate Laboratory
Veterinary Medicine	Divisional central Laboratory Microbiology lab Stem cell Lab Milk testing Lab UG Lab
Veterinary Microbiology	UG Lab
Veterinary Parasitology	ICAR National Fellow Lab
Veterinary Pathology	UG Laboratory
Veterinary Pharmacology and Toxicology	UG Laboratory
Veterinary Physiology & Biochemistry	UG laboratory of Veterinary Physiology UG laboratory of Veterinary Biochemistry
Veterinary Public Health & Epidemiology	Zoonosis Laboratory Under Graduate Laboratory Food Hygiene Laboratory
Veterinary Surgery and Radiology	Small & Large Animal operation theatres
Teaching Veterinary Clinical Complex	Endoscopy OT Laparoscopy OT Small animal OT Ophthalmology unit Large animal OT Computerized Radiography Unit
Instructional Livestock Farm Complex	Dairy Farm housing cows and buffaloes, sheep and goat unit, poultry broiler and layers units

(ii). Detail of equipment available in laboratories

S. No.	Equipment	Qty.
1.	Advance Research Microscope with photographic Attachment	2
2.	Anesthetic machine	3
3.	Atomic Absorption Spectrophotometer	1
4.	Automated blood gas analyser	2
5.	Automatic Knife sharpener	2
6.	B.O.D. Incubator	6
7.	Baking oven	1
8.	Bio safety cabinet Type-II	2
9.	Biochemical analyser	4
10.	Blood cell counter	1
11.	Blood chemistry analyser	2
12.	Boyle's apparatus	2
13.	Carbon Dioxide Incubator	3
14.	CCTV surveillance system	1
15.	Cell imaging sytem	1

16.	Centrifuge	2
17.	Colour Dopler	1
18.	Computed Radiography	1
19.	Deep Freezer	12
20.	Diagnostic x-ray unit mobile	2
21.	Digital Rota Rod Treadmill for mice and for rats	2
22.	ECG machine	3
23.	Electroblotting system	1
24.	Electrocautery unit (Ophthalmic)	1
25.	Electrocautery Unit	1
26.	Electrophoresis unit with Power Pack	13
27.	ELISA reader	5
28.	Embryo Freezer	1
29.	Endoscopic system	1
30.	Feed mixer	2
31.	Flame photometer	1
32.	Fluorescent Microscope	2
33.	Fluoride and Iodine Ion Electrode	1
34.	Gel documentation system	6
35.	Gradient Thermo cycler	1
36.	Hand mixer	2
37.	Hematology and Biochemistry Analyser	1
38.	High Performance Liquid Chromatograph (HPLC)	1
39.	HPLC	1
40.	Hydraulic operation table for large animals	2
41.	Ice Flaking Machine	2
42.	Immersion circulator – heating	1
43.	Incubator	2
44.	Information Kiosk	1
45.	Intestinal stapler	1
46.	Laminar flow	9
47.	Liquid Nitrogen Cylinder	2
48.	Lyophilizer	1
49.	Micro Kjeldhal apparatus	1
50.	Micro tissue homogenizer	1
51.	Milking machine	1
52.	Mixer grinder	1
53.	Mobile Van Facility	
54.	Muffle furnace	2
55.	Multi parameter monitor	1
56.	Multi Ventilated Cage System	1
57.	Multipara monitor	2

58.	NGS Data Analysis Software with Server 2 KVA Online	1
59.	NGS Software with Server and 2 KVA Online UPS	1
60.	Orbital Shaker	1
61.	PartecPloidy Analyzer PA-II	1
62.	Pellet maker	1
63.	Physiograph	1
64.	Probe Sonicator	1
65.	Projection Microscope with CCTV Attachment	1
66.	Pulse oximeter	2
67.	Real time PCR system	1
68.	Refrigerated centrifuge	7
69.	Rocker Shaker	1
70.	Rotary Microtome	4
71.	Rotary vacuum evaporator	2
72.	Sausage filler	1
73.	Semi-Auto chemistry analyser	1
74.	Somatic cell counter	1
75.	Somatic cell counter	1
76.	Sonicator	1
77.	Soxhlet apparatus	1
78.	Spectrometer with Nano Volume Identification	1
79.	Spectrophotometer	12
80.	Stereo Zoom Microscope	2
81.	Texture Analyser with its accessories	1
82.	Thermal Cycler (PCR)	8
83.	Thermal Imaging system	1
84.	Thermomixer	1
85.	Trinocular inverted (bright field & phase contrast microscope)	2
86.	Trinocular Microscope	5
87.	Trinocular Microscope with Fluorescence attachment and camera	1
88.	Ultracentrifuge	2
89.	Ultra-Low Temperature Freezer (-86 ⁰ C)	2
90.	UV-transilluminator	3
91.	Vacuum filtration assembly	1
92.	Vacuum packaging machine	1
93.	Veterinary Diagnostic Ultrasound	4
94.	Video Gastroscope	1
95.	Water ultrafiltration (Millipore)	1
96.	X-ray Machine 1000mA, 500 mA and 100 mA	1



Radiology unit



Computed radiography



Stress biology lab



Instructional poultry unit



Parasitology Lab



Parasitology Lab



Central clinical lab



Class rooms cum Examination Hall Complex



UG Class Room fitted with OHP and interactive board



Examination Hall with CCTV surveillance system



Library F.V.Sc. & A.H., R.S.Pura



Library F.V.Sc. & A.H., R.S.Pura



Computer Section in the library for access of digital database



Instructional Livestock Farm Complex



Dairy Unit of ILFC



Pragati Hostel for Girls



Lakshay Hostel for Boys



Teaching Veterinary Clinical Complex, FVSc&AH



Farmers Hostel cum Guest House, FVSc&AH

6.4.5. Conduct of Practical & hands-on-training:

The students get the desired level of exposure to the clinical cases in the TVCC of the faculty, learn management practices in the instructional livestock farms and all the practical are conducted in small groups of 10-15 and students get sufficient hands on training in the UG laboratories of the divisions, Teaching Veterinary Clinical Complex and Instructional Livestock Farm Complex.



B.V.Sc. & A.H. students managing day to day operations in the dairy farm



B.V.Sc. & A.H. students managing day to day operations in the dairy farm



UG students working in a lab



UG students taking practical notes



UG students attending practical class in a lab



Anatomy practical class in progress



Multi-parameter monitoring

6.4.6. Supervision of students:

The supervision of students has been ensured through an advisory committee at UG level. An advisor is being allotted to each and every UG student to monitor his/her progress and to help in every aspect of degree programme. An advisor is not allotted only 5 to 7 advisees at any given time. The advisor guides the same group of students from 1st year to final year of the degree programme.

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

Every year feedback is obtained from outgoing batch of BVSc. & AH students with regard to academic programme of the Faculty and suggestions are invited to improve the academic programme, including extra-curricular activities, for overall development of the students. The suggestions given by the students are examined and implemented after discussion in the meetings of Heads of divisions. Suggestions requiring decisions at University level are placed in appropriate statutory bodies for approval and implementation. The Faculty collects the feedback of farmers, livestock owners, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, clinical camps, Clinic visits of the livestock owners, and training programs. Undergraduate students are also encouraged to provide feedback towards curriculum delivery methods and performance of faculty members.

6.4.8. Student intake attrition in the programme for last five years:

Degree program	Actual students admitted in last five years					Attrition %				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
B.V.Sc. & AH intake	71	77	71	72	72	18.3	14.3	14.1	16.66	15.27
B.V.Sc. & AH Sanctioned strength	70	70	70	70	70	-	-	-	-	-

6.4.9. ICT Application in Curricula delivery:

The ICT is being used adequately for curricula delivery. All the divisions of Faculty of Veterinary and Animal Sciences and the library are provided with internet facility which can be availed by students of all degree programmes. E-Journals, e-books, and online research articles are accessed by the students as well as the faculty. Latest online platforms like Google meet, Zoom, are used for online classes, seminars, examinations etc. All class rooms are fitted with computers, overhead projectors and smart boards.



Computer Section in the library for access of digital database



UG classroom are equipped with Multimedia projector and interactive display board



Bio-telemetric attendance system for staff and students

Link to e-resources:

- <https://play.google.com/store/apps/details?id=com.skuast.shashanksinha.dudharoo>
- https://play.google.com/store/apps/details?id=com.ankurrastogi.vetvalues_1&hl=en_IN&gl=US
- <https://classroom.google.com/u/0/c/MjUwNDIzMTY2MzA2>
- <https://classroom.google.com/u/0/c/MjQwNzI2NTc1MDY1>
- <https://classroom.google.com/u/0/c/MtczMzU5MjE0NDc3>
- <https://classroom.google.com/u/0/c/MjMxNjE4NDQ2ODI2>
- Link for web module on Broiler Farming: <http://skuast.org/biolearn/index.html>
- Link for web module on scientific dairy practices: <https://skuast.org/WMSDP>

Faculty uses ICT resources at various avenues for improved functioning. Faculty employs internet for quick, effective, paperless, and traceable mode of communication. Classical classroom teaching has been modified by using projectors for presentations, interactive boards, virtual classes, online examinations, seminars, training programs and viva-voce. The Faculty has explored ICT as an effective extension medium by developing web modules on Scientific Dairy Farming and Broiler Farming and android apps ‘*Dudharoo*’ and ‘*Vetvalues*’.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG, PG and PhD Degree Programmes, separately, and to be presented College-wise.

6.4.11. Since the accreditation of Programmes is related to the All India Admission from ICAR and also having weightage for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.

6.4.12. Certificate (Applicable when SSR is submitted for Programme)

I, the **Dean, Faculty of Veterinary Sciences & Animal Husbandry, SKUAST-Jammu** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the College with Date & Seal

15/4/21
Dean
F.V. So. & A.H.
R. S. Pura

Post Graduate Programmes

M.V.Sc.
Animal Genetics & Breeding

M.V.Sc. Animal Genetics and Breeding

6.4.1. Brief history of the degree programme:

M.V.Sc. Animal Genetics and Breeding degree programme was started at R. S. Pura, from 2005 and first MVSc student was admitted in 2006.

The main objectives of starting the PG programme was to strengthen the research activities of the division and build up more efficient resource persons in the fields of Animal Genetics & Breeding.

The achievement of the division is that till date 20 MVS c (Masters Degree) degrees have been awarded and the students have been placed at different institutions as shown in the following table.

Some of the students placed during last five years is as given below:

Sr. No.	Name	Regd. No.	Date of Placement	Organization
1.	Nusrat Nabi Khan	J-09-MV-157	January, 2018	Project Investigator, Under 4 th Biocare call of DBT, Govt. of India
2.	Nusrat Nabi Khan	J-09-MV-156	2019	Research Associate, SKUAST-Kashmir
3.	Kachoo M. Khan	J-10-MV-209	12/07/2019	Veterinary Assistant Surgeon, UT of Ladakh.
4.	Anamika	J-14-MV-387	54/05/2017	Veterinary Assistant Surgeon, UT of JK.
5.	Tanveer Ahmad Sofi	J-14-MV-386	22/04/2019	Veterinary Assistant Surgeon, UT of JK.
6.	Peer Mohd. Azhar	J-14-MV-389	July, 2019	Veterinary Assistant Surgeon, UT of JK.
7.	Anil Ghorela	J-14-MV-388	November, 2016	Teaching Associate, RAJUVAS
8.	Supreet Singh Dhillion	J-18-MV-522	25/02/2021	Veterinary Officer, IIT-Ropar, Punjab
9.	Dr. S. Gurdeep Singh	J-14-D-83-V	October, 2019	Veterinary Assistant Surgeon, UT of JK.

The flagship areas of research of the division are characterization of non-descriptive animal genetic resources of Jammu division and identification of genes related to disease resistance and susceptibility. Research areas of the division include characterization of local animal germplasm and till date the students have characterized both phenotypic and molecular characterization in different non-descriptive animal genetic resources namely Bhakarwali Goat, Purky sheep, Poonchi sheep, Bakerwali sheep, local buffaloes & Poonchi chicken. The division has also worked on different disease resistance genes like TLR4, Lactoferrin, MHC-DYA etc.

The followings are the achievements of the division in research:

- Bhakarwali Goat was registered as indigenous goat breed in ICAR- NBAGR (INDIA_GOAT_0700_BHAKARWALI_06034).
- On field Poonchi Sheep Conservation programme was carried out and progenies were produced.
- Poonchi chicken was phenotypically characterized and applied for registration.

6.4.2. Faculty Strength:

S. No.	Faculty	Sanctioned Faculty	Faculty in place	Vacant position	Faculty recommended by ICAR/ UGC/ VCI/ other regulatory bodies
1.	Professor	1	-	1	1
2.	Associate Professor	3	1	2	1
3.	Assistant Professors	4	3	1	1

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies
1.	Livestock Assistant	01	01	NA
2.	Field cum Lab Assistant	02	02	
3.	Computer Assistant / Jr Steno	01	01	
4.	Orderly cum Chowkidar/ helper	03	03	

6.4.4. Class Rooms & laboratories:

Degree Programme	No. of classrooms	No. of functional laboratories	Justification	Major Equipment
M.V.Sc. Animal Genetics and Breeding	1	1	Lab is fully functional for PG Practicals/ Research	PCR thermal cycler UV-transilluminator Ice-Flaking Machine Refrigerated centrifuge



Animal Genetics and Breeding Lab

6.4.5. Conduct of Practical & hands-on-training:

The division has well equipped lab for conduct of practicals. The students have free access to the equipments in the lab for conducting the practical and research under the supervision of faculty



Hands on training

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty	No. of students per faculty as per RRI	Actual students per faculty supervised (during last five years)
M.V.Sc. Animal Genetics and Breeding	05	04 (08*)	03 (PG & PhD combined)	Dr. R. K. Taggar= 01 Dr. Nishant Kumar=03 Dr. Dharendra Kumar= 02 Dr. Dibyendu Chakraborty= 01 Dr. Vikas Mahajan=04

*No. of sanctioned faculty

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Faculty collects the feedback of farmers, livestock owners, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, clinical camps, Clinic visits of the livestock owners, and training programs. This feedback is kept as a consideration in developing research projects and post-graduate research programs. Undergraduate and postgraduate students are also encouraged to provide feedback towards curriculum delivery methods and performance of faculty members.

6.4.8. Student intake attrition in the programme for last five years:

Degree programme	Actual students admitted in the AGB during last five years					Attrition %				
	2016-	2017-	2018-	2019-	2020-	2016-	2017-	2018-	2019-	2020-
M.V.Sc. Animal Genetics and Breeding	17	18	19	20	21	17	18	19	20	21
	0	3	5	4	4	0	66.67*	60.00*	25.00	0.00

*Left degree programme to take up jobs

6.4.9. ICT Application in Curricula delivery:

The ICT is being used adequately for curricula delivery. The division is provided with internet facility which can be availed by students of all degree programmes. E-Journals, e-books, and online research articles are accessed by the students as well as the faculty. Latest online platforms like Google meet, Zoom, are used for online classes, seminars, examinations etc. Classical classroom teaching has been modified by using projectors for presentations, interactive boards, virtual classes, online examinations, seminars, training programs and viva-voce.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG, PG and PhD Degree Programmes, separately, and to be presented College-wise.

6.4.11. Since the accreditation of Programmes is related to the All India Admission from ICAR and also having weightage for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.

6.4.12. Certificate (Applicable when SSR is submitted for Programme)

I, the **Dean, Faculty of Veterinary Sciences & Animal Husbandry, SKUAST-Jammu** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the College with Date & Seal


Dean
F.V. Sc. & A.H.
R. S. Pura

M.V.Sc. Animal Nutrition

6.4.1. Brief history about start of PG and PhD programmes.

Division of Animal Nutrition, SKUAST-Jammu is engaged in incessant improvement and deliverance of Animal Nutrition education to Stakeholders. It is working on developing economical and feasible livestock feeding systems utilizing feed resources of the region for enhanced livestock productivity. The division is imparting under-graduate and post-graduate teaching as well as providing extension services to livestock farmers. The division instituted MVSc & Ph.D programme in the field of Animal Nutrition in the year 2002 and 2006, respectively. The Division is housed in spacious old building of the Faculty with the infrastructure of a Undergraduate and a post-graduate laboratory along with a well-equipped post-graduate classroom. The Division is also having an experimental animal shed that houses around 40 small ruminants (sheep and goats) for students' and Divisional research.

The Division is also acting as a referral centre for feed sample analysis for State Animal Husbandry and Sheep Husbandry Department as well as military farms. The Divisional students were exposed to the experience of hosting various National level events, including VI Biennial Conference of Animal Nutrition Association in 2006; twenty-one days ICAR Winter School on 'Quality control of feed ingredients & compounded feeds' from December 02-22, 2009 and 2nd IAVNAW National Conference in 2013. The division is also regularly organizing refresher courses for Veterinary officers of Sheep husbandry and Animal Husbandry Department, Jammu.

The mission statement of the Division is 'Incessant improvement and deliverance of Animal Nutrition education to Stakeholders.' The Division intends to achieve this by ensuring quality and relevant education at undergraduate and post-graduate levels and using research programs for ensuring effective curriculum delivery and hands on learning.

Animal Nutrition is an important avenue in Animal Husbandry accounting for approximately 70% expenditure in livestock rearing.

The objective of starting the PG and PhD programme in the discipline of Animal Nutrition were to create young Animal Nutrition experts well-versed in the techniques, concepts and applications of the subject along-with awareness regarding the issues and research problems in the subject area. The flagship areas of research for the division identified by the Research Council of the University are:

- Nutrient profiling of regional feedstuffs for formulation of economic rations of livestock.
- Development of farmer friendly fodder preservation, densification and quality enhancement technologies.

The research programmes of the Divisional PG and PhD students are designed in the ambit of these flagship areas while addressing the issues of relevance for local livestock farmers.

Achievements: Till date 37 MVSc (Masters Degree in Animal Nutrition) have been awarded to completed students. These students are well placed in State Agricultural/Veterinary Universities, State Veterinary Departments, administrative services, research projects and private firms as shown in the table below. Few students are also pursuing higher studies. Two of the students have been awarded best thesis awards from National Associations for their research work. Students' research has also won various best presentation awards at National/International Conferences. Divisional students and alumni have also secured major National fellowships including ICAR-SRF and Maulana Azad National Fellowship for Minority.

S. No.	Name of the student	Completion year	Placement
1	Ajitpal Singh	2008	Vety. Surgeon, State Government
2	Javid Farooq	2009	Assistant Professor, SKUAST-K
3	Ishtiyak Ah. Mir	2009	SMS, SKUAST-K
4	Syed Sambul Jan	2009	Vety. Surgeon, State Government
5	Nazam Khan	2010	Asstt. Professor, SKUAST-J
6	Manzoor Ah. Yattoo	2010	SMS, SKUAST-K
7	Yasir Bashir	2011	Senior executive, Private firm
8	Ajmal Ashraf Lone	2011	Entrepreneur
9	Sheikh Mudasir Ahmad	2011	Administrative Services, J&K
10	Farooq Ah. Chopan	2011	Vety. Surgeon, State Government
11	Owais Qadir Jan	2012	Administrative Services, J&K
12	Ravleen Kour	2012	Field project
13	Surender Singh	2013	Asstt. Professor, GADVASU
14	Muzaffer Khan	2013	Vety. Surgeon, State Government
15	Bilal Ah. Malla	2013	Vety. Surgeon, State Government
16	Ishfaq Ah. Dhobi	2013	Vety. Surgeon, State Government
17	Vikas Dhupia	2014	Vety. Surgeon, State Government
18	Mohsin Ah. Mir	2014	Vety. Surgeon, State Government
19	Sonu Choudhary	2014	Private firm
20	Mohd. Iqbal Daing	2015	Vety. Surgeon, State Government
23	Suman Bala	2016	Vety. Surgeon, State Government
24	Mohd Anas Beig	2017	Vety. Surgeon, State Government
26	Peerzada Nadeem	2017	Private Firm
27.	Imran Ah. Ganai	2017	STA, SKUAST-K (Pursuing PhD)
28	Danish Bhutyal	2018	Private Vety. Hospital
29	Mohd Iqbal	2018	Vety. Surgeon, State Government
30	Himalaya Kumar	2018	Private Firm
31	Sahil Raina	2019	Vety. Surgeon, State Government
32	Sonali Choudhary	2019	Vety. Surgeon, State Government
33	Varsha Sharma	2019	Pursuing PhD
34	Ankit Kumar Sethi	2019	Private Firm
35	Saheem Goni	2020	Vety. Surgeon, State Government
36	Rohan Kumar Sharma	2020	Field project

Major research areas of the division include:

Nutritional characterization of locally available unconventional feedstuffs such as tree leaves, olive meal, Kinnow Mandarin waste, maize cobs, sunflower waste, boiled potato waste, azolla meal and walnut cake.

Isolation of a rumen liquor fraction with prebiotic activity (patent applied)

Designing and development of manually operated densification machines using the cold pressing method for densification of completed feed block and multi-nutrient block.

Formulation of condensed tannins fortified multi-nutrient blocks, complete feed blocks and silage.

6.4.2. Faculty Strength:

S. No.	Faculty	Sanctioned Faculty	Faculty in place	Vacant position	Faculty recommended by ICAR/ UGC/ VCI/ other regulatory bodies
1.	Professor	1	-	1	1
2.	Associate Professor	1	1	-	1
3.	Assistant Professors	2	2	-	1

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies
1.	Field cum Lab Assistant	02	02	NA
2.	Computer Assistant / Jr Steno	-	-	
3.	Orderly cum Chowkidar/ helper	04	04	

6.4.4. Class Rooms & laboratories:

Degree Programme	No. of classrooms	No. of functional laboratories	Justification	Major Equipment
M.V.Sc. Animal Nutrition	1	1	Lab is fully functional for PG Practicals/ Research.	Deep freeze (-200 C) Hot Air Oven Rotary vacuum evaporator Muffle furnace Incubator UV-Vis Spectrophotometer Vis Spectrophotometer Laboratory balance Soxhlet apparatus Kjeldhal apparatus Crude fibre assembly Table top Centrifuge



Labs and PG class room of division of Animal Nutrition

6.4.5. Conduct of Practical & hands-on-training:

The division has well equipped lab for conduct of practicals. The students have free access to the equipments in the lab for conducting the practical and research under the supervision of faculty.



Hands on training

6.4.6 Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty	No. of students per faculty as per RRI	Actual students per faculty supervised (during last five years)
M.V.Sc. Animal Nutrition	07	03+1** (04*)	03 (PG & PhD combined)	Dr. R K Sharma: 06 Dr Ankur Rastogi: 04 Dr A K Pathak: 04 Dr Nazam Khan: 02

*No. of sanctioned faculty

** Posted in Instructional Livestock Farm

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Faculty collects the feedback of farmers, livestock owners, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, clinical camps, Clinic visits of the livestock owners, and training programs. This feedback is kept as a consideration in developing research projects and post-graduate research programs. Undergraduate and postgraduate students are also encouraged to provide feedback towards curriculum delivery methods and performance of faculty members.

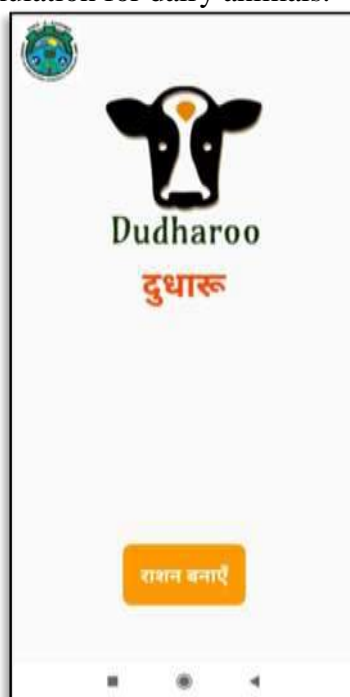
6.4.8. Student intake attrition in the programme for last five years:

Degree programme	Actual students admitted in the ANN during last five years					Attrition %				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
M.V.Sc. Animal Nutrition	17	18	19	20	21	17	18	19	20	21
	05	06	04	05	05	60%	33%	25%	20%	0%

6.4.9. ICT Application in Curricula delivery:

The ICT is being used adequately for curricula delivery. The divisions are provided with internet facility which can be availed by students of all degree programmes. E-Journals, e-books, and online research articles are accessed by the students as well as the faculty. Latest online platforms like Google meet, Zoom, are used for online classes, seminars, examinations etc. All class rooms are fitted with computers, overhead projectors and smart boards.

In view of Covid-19 pandemic, a significant number of undergraduate, postgraduate and doctoral classes and seminars were conducted virtually during last one year. Various file sharing apps, virtual meeting software and collaborative working applications were used for effective curriculum delivery. Examinations were also carried out in virtual mode through Google Forms. Students were encouraged to use an app 'dudharoo', developed by the Division for balanced ration formulation for dairy animals.



Screenshot of Dudharoo Android based App

6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG, PG and PhD Degree Programmes, separately, and to be presented College-wise.

6.4.11. Since the accreditation of Programmes is related to the All India Admission from ICAR and also having weightage for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.

6.4.12. Certificate (Applicable when SSR is submitted for Programme)

I, the **Dean, Faculty of Veterinary Sciences & Animal Husbandry, SKUAST-Jammu** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the College with Date & Seal

15/4/21
Dean
F.V. Sc. & A.H.
R. S. Pura

M.V.Sc.

**Livestock Production &
Management**

M.V.Sc. Livestock Production and Management

6.4.1. Brief history of the degree programme:

Livestock Production & Management has its roots in every aspect of life. The Division of LPM plays a pivotal role in education and research work on poultry and dairy breeds along with other livestock acquaintances. LPM has its applications in animal housing and nutrition as well as proper environment for enhanced productivity. Apart from this, LPM students have a magnificent range of career opportunities before them, as they are acclimatized to the field conditions whether the situation demands a nutrition expert or a poultry in-charge or among the dairy industries as well as in the RVC. Since its creation, the division of LPM has achieved a higher morale, innovative teaching techniques & better research facilities students and allied fields. On the recommendations of ICAR, post-graduate program (MVSc & Ph.D) have been adopted and the division instituted MVSc programme since 2006. Research activities are undertaken regularly on identification of field problem facing by farmers in the region.

The objective is to build human resources par excellence through maintaining high academic standards of curriculum, teaching and learning; conducting basic, strategic and applied research in the frontline areas of dairy and poultry production and popularization and dissemination of livestock and poultry production technologies to farmers through technical advisories. At present there are three working scientists and other supporting staff. The human resource of the division has been an amalgamated representation from various parts of the country and Efforts are also being made to foster and strengthen collaborative linkages with national / international organizations in mutual areas of interest in research.

Till date 18 MVSc (Masters Degree) have been awarded to completed students.

S.No.	Name of Student	Reg. No	Degree completed	Placement
1.	Irfan Akram Baba	J-06-MV-32	M.V.Sc.	Asstt. Prof. SKUAST-K
2.	Akiq Ah. Khan	J-08-MV-45	M.V.Sc.	VAS, J&K Govt
3.	Kaiser Bashir	J-08-MV-80	M.V.Sc.	Veterinary Officer, Venky's India, Jammu
4.	Rupali Bharti	J-08-MV-79	M.V.Sc.	Self employed
5.	Anshul Reothia	J-08-MV-95	M.V.Sc.	Lt. Col. RVC
6.	Ahtasham-ul- Haq	J-08-MV-96	M.V.Sc.	VAS, J&K Govt
7.	Gourav Sharma	J-10-MV-170	M.V.Sc.	Assistant. Professor Khalsa college, Amritsar
8.	Ankush Proch	J-10-MV-171	M.V.Sc., Ph.D.	Asstt. Prof.GADVASU, Bhatinda
9.	Savita Chib	J-11-MV-251	M.V.Sc.	Assistant. Professor. Khalsa college, Amritsar
10.	Sandeep Kaur	J-11-MV-253	M.V.Sc.	Perused PhD immediately after MVSc
11.	Iqra Khursheed	J-11-MV-254	M.V.Sc.	Perused PhD immediately after MVSc
12.	Shafakat Ahmed Sheikh	J-14-MV-413	M.V.Sc.	VAS, J&K Govt
13.	Rakhshan Jeelani	J-16-MV-488	M.V.Sc.	Pursuing PhD in Division of LPM, KUAST-J

14.	Jahangir Butt	J-16-MV-489	M.V.Sc.	Veterinary Officer , Mirah Pvt. Ltd, Chandigarh
15.	R. Gowri	J-16-MV-491	M.V.Sc.	Veterinary Officer , Tamil Nadu State
16.	Sandeep Kaur	J-14-D-76-V	MVSc, PhD	Completed PhD in Sept 2019
17.	Iqra Khursheed	J-14-D-75-V	MVSc, PhD	Completed PhD in Sept 2019
18.	Sofi-Imran-UI-Haq	J-17-MV-517	MVSc	SRF with PhD Position at Indian Institute of Agri. Biotechnology, Ranchi.

Major accomplishments of the division in the field of research are as follows:

- Recalibration of THI for dairy animals of Jammu region
- Infrared thermography as non-invasive means for monitoring heat stress
- Validation of mist system and air cooler as effective means for reducing heat stress of animals.
- Integrated farming model of poultry sheds on dykes of fish ponds. The model showed potential that income could be tripled from 0.1 hectare of pond.
- Improved milk production, reproductive performance through UMMB supplementation.
- Intervention on improved udder hygiene through teat dips for clean milk production

6.4.2. Faculty Strength:

S. No.	Faculty	Sanctioned Faculty	Faculty in place	Vacant position	Faculty recommended by ICAR/ UGC/ VCI/ other regulatory bodies
1.	Professor	1	-	1	1
2.	Associate Professor	2	1	1	1
3.	Assistant Professors	5	3	2	2

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies
1.	Field cum Lab Assistant	03	02	NA
2.	Computer Assistant / Jr Steno	02	01	
3.	Orderly cum Chowkidar/ helper	05	03	

6.4.4. Class Rooms & laboratories:

Degree Programme	No. of classrooms	No. of functional laboratories	Justification	Major equipment
M.V.Sc. Livestock Production Management	1	2	Stress/ Cell Biology Lab are fully functional for PG Practicals/ Research.	Semi-Auto chemistry analyser PCR machine Real time PCR system Laminar air flow (horizontal) Laminar air flow (Vertical) Refrigerated centrifuge Electrophoresis unit Vertical Electrophoresis unit horizontal Gel illuminator Weighing Balance Bench Centrifuge machine Cell imaging system Ice flaking machine Thermal Imaging system Pulse oximeter CCTV surveillance system Incubator Co2 Incubator pH Meter



Stress Biology lab

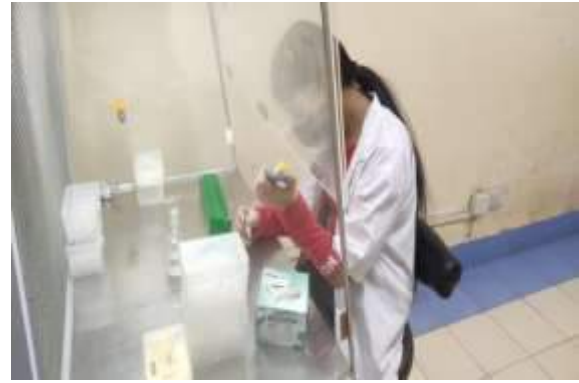


LPM Laboratory

6.4.5. Conduct of Practical & hands-on-training:

The division has well equipped lab for conduct of practicals. The students have free access to the equipments in the lab for conducting the practical and research under the supervision of faculty.





LPM Practical Demonstration

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty	No. of students per faculty as per RRI	Actual students per faculty supervised (during last five years)
M.V.Sc. Livestock Production & Management	07	03+1** (08*)	03 (PG & PhD combined)	Dr. Asma Khan= 03 Dr. Dipanjali Konwar= 04 Dr. Biswajit Brahma= 03 Dr. Suraj Amrutkar=01

*No. of sanctioned faculty

** Posted in KVK

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Faculty collects the feedback of farmers, livestock owners, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, clinical camps, Clinic visits of the livestock owners, and training programs. This feedback is kept as a consideration in developing research projects and post-graduate research programs. Undergraduate and postgraduate students are also encouraged to provide feedback towards curriculum delivery methods and performance of faculty members.

6.4.8. Student intake attrition in the programme for last five years:

Degree programme	Actual students admitted in the LPM during last five years					Attrition %				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
MVSc. Livestock Production & Management	03	00	04	00	05	0.0	0	00	00	20.00

6.4.9. ICT Application in Curricula delivery:

The ICT is being used adequately for curricula delivery. The division is provided with internet facility which can be availed by students of all degree programmes. E-Journals, e-books, and online research articles are accessed by the students as well as the faculty. Latest online platforms like Google meet, Zoom, are used for online classes, seminars, examinations etc. All class rooms are fitted with computers, overhead projectors and smart boards.

Since March 2020, in view of Covid-19 pandemic, undergraduate, postgraduate and doctoral classes (theory and practical) have been carried out on online mode. The popular

Google Meet platform is used to communicate with the students through MS-Power Point presentations, e-links to internet technical resources and popular websites for student training in disease diagnosis, sharing e-books and bulletins in WhatsApp groups created for the purpose. Moreover, exercises and examinations were also carried out in virtual mode through Google Forms. The students are also provided with laboratory manuals in print as well as digital form for ready reference.

Link to e-resources:

<https://classroom.google.com/u/0/c/MjUwNDIzMTY2MzA2>

<https://classroom.google.com/u/0/c/MjQwNzI2NTc1MDY1>

<https://classroom.google.com/u/0/c/MtczMzU5MjE0NDc3>

<https://classroom.google.com/u/0/c/MjMxNjE4NDQ2ODI2>


6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG, PG and PhD Degree Programmes, separately, and to be presented College-wise.

6.4.11. Since the accreditation of Programmes is related to the All India Admission from ICAR and also having weightage for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.

6.4.12. Certificate (Applicable when SSR is submitted for Programme)

I, the **Dean, Faculty of Veterinary Sciences & Animal Husbandry, SKUAST-Jammu** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the College with Date & Seal


F.V. So. & A.H.
R. S. Pura

M.V.Sc.

Livestock Products Technology

M.V.Sc. Livestock Products Technology

6.4.1. Brief history of the degree programme:

Division of Livestock Products Technology was started as a separate division at SKUAST-J in 1999 with emphasis on meat technology, dairy technology, animal by-products technology, quality control, packaging and value addition. Post-graduate education was initiated in 2006 in the division to cater the need of scientific manpower and human resource development in the sector. The division has been remained instrumental in serving the society through awareness and entrepreneurship development training programmes on clean milk and meat production, livestock products processing, packaging, product development, and value addition with a particular focus on rural women, unemployed youth, and farmers.

Objective: The essential elements are to incorporate the technical skills that encourage the initiatives of rural entrepreneurs and to enhance the human capacities required to foster competitive entrepreneurial dynamism.

The achievement of the division is that till date 14 MVSc (Masters degree) degrees have been awarded and the students have been placed at different institutions as shown in the following table.

S. No.	Name with address	Regd. No.	Date of placement	Present Designation and place of posting
1.	Insha Kousar Kalem	J-14-MV-396	Nov 2016	Asstt. Prof., Abhilashi University, H.P.
2.	Radhika Sharma	J-15-MV-451	April 2021	VAS, Himachal Pradesh Govt.
3.	Tanuj Kumar Tanwar	J-14-MV-391	23-11-2016	Veterinary Officer at Animal Husbandry department, Bikaner, Rajasthan
4.	H.M. Dilnawaz	J-14-MV-390	2018	Veterinary Assistant surgeon, Sheep Husbandry Dept. (J&K)
5.	Parveez Ahmad Para	J-10-MV-181	2018	Veterinary Assistant Surgeon, Sheep Husbandry Department (J&K)
6.	Pramod Kumar Singh	J-11-MV-249	15-10-2016	Veterinary Officer at Animal Husbandry department, Alwar, Rajasthan
7.	Faheem Raja	J.13.MV.340	2019	Veterinary Assistant Surgeon, Animal Husbandry Department (J&K)
8.	Sakshi Sharma	J-16-MV-471	-	Presently pursuing Ph.D. at SKUAST-J
9.	Asif Ahmad Bhat	J-12-MV-299	25-01-2018	Nodal Officer, NABARD, Chandigarh
10.	Achir	J-12-MV-298	10-07-2019	Veterinary Assistant Surgeon, Animal Husbandry Department (J&K), Rajouri
11.	Deepanshu Bhardwaj	J-11-MV-246	25-06-2018	Quality control Manager, Poultry Processing Unit Chandigarh
12.	Lateef Ahmad Ganie	J-11-MV-247	2016	P.O. J&K Bank Ltd

The division has been working on the following research areas:

- Development of meat fortified chocolate
- Development of chicken and fish meat khokha
- Development of chhana delight
- Development of ghee residue based burfi (Ghurfi)
- Development of *Commiphorawightii* and *Rubia cordifolia* incorporated edible film

6.4.2. Faculty Strength:

S. No.	Faculty	Sanctioned Faculty	Faculty in place	Vacant position	Faculty recommended by ICAR/ UGC/ VCI/ other regulatory bodies
1.	Professor	1	-	1	1
2.	Associate Professor	2	1	1	1
3.	Assistant Professors	3	2	1	2

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies
1.	Livestock Assistant	01	01	NA
2.	Field cum Lab Assistant	03	02	
3.	Computer Assistant / Jr Steno	02	02	
4.	Orderly cum Chowkidar/ helper	03	02	

6.4.4. Class Rooms & laboratories:

Degree Programme	No. of classrooms	No. of functional laboratories	Justification	Major Equipment
M.V.Sc. Livestock Products Technology	1	1	Lab is fully functional for PG Practicals/ Research	Digital pH meter Hot plate with magnetic stirrer Printer Digital pH meter Refrigerator Deep freezer Hand mixer Mixer grinder Texture Analyser with its accessories Spectrophotometer with Kinetics Refrigerated Centrifuge Lyophilizer Laptop Online UPS 3 KVA



Livestock products and Technology laboratory

6.4.5. Conduct of Practical & hands-on-training:

The division has well equipped lab for conduct of practicals. The students have free access to the equipments in the lab for conducting the practical and research under the supervision of faculty.



Hands on training

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty	No. of students per faculty as per RRI	Actual students per faculty supervised (during last five years)
M.V.Sc. Livestock Products Technology	07	03 (06*)	03 (PG & PhD combined)	Dr. Sunil Kumar = 02 Dr. Arvind Kumar = 05 Dr. Zuhaib Fayaz Bhat = 02

**No. of sanctioned faculty*

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Faculty collects the feedback of farmers, livestock owners, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, clinical camps, Clinic visits of the livestock owners, and training programs. This feedback is kept as a consideration in developing research projects and post-graduate research programs. Undergraduate and postgraduate students are also encouraged to provide feedback towards curriculum delivery methods and performance of faculty members.

6.4.4. Student intake attrition in the programme for last five years:

Degree programme	Actual students admitted in the FVSc & AH during last five years (LPT Division)					Attrition %				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
M.V.Sc. Livestock Products Technology	1	2	1	3	3	Nil	100*	Nil	Nil	Nil

*Selected for government jobs

6.4.9. ICT Application in Curricula delivery:

The ICT is being used adequately for curricula delivery. The division is provided with internet facility which can be availed by students of all degree programmes. E-Journals, e-books, and online research articles are accessed by the students as well as the faculty. Latest online platforms like Google meet, Zoom, are used for online classes, seminars, examinations etc. All class rooms are fitted with computers, overhead projectors and smart boards.

Faculty uses ICT resources at various avenues for improved functioning. Faculty employs internet for quick, effective, paperless, and traceable mode of communication. Classical classroom teaching has been modified by using projectors for presentations, interactive boards, virtual classes, online examinations, seminars, training programs and viva-voce.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG, PG and PhD Degree Programmes, separately, and to be presented College-wise.

6.4.11. Since the accreditation of Programmes is related to the All India Admission from ICAR and also having weightage for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.

6.4.12. Certificate (Applicable when SSR is submitted for Programme)

I, the **Dean, Faculty of Veterinary Sciences & Animal Husbandry, SKUAST-Jammu** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the College with Date & Seal

15/4/21
F.V. Sc. & A.H.
R. S. Pura

M.V.Sc.
Veterinary Anatomy

M.V.Sc. Veterinary Anatomy

6.4.1. Brief history of the degree programme:

M.V.Sc. Veterinary Anatomy degree programme was started at R. S. Pura, from 2009.

The objective was to develop human resource for the teaching/ research institutions and animal/ sheep husbandry department, slaughter houses etc. and to strengthen the research and related infrastructure in the division.

The achievement of the division is that PG students have been placed at different institutions as shown in the following table.

S. No	Name of Student	Regd. No.	Degree	Placement
1.	Shazia Nissar	J-09-MV-162	M.V.Sc	Assistant Professor (Contractual) at SKUAST-Kashmir
2.	Raheeqa Razvi	J-10-MV-206	M.V.Sc	VAS in state Animal Husbandry Department (J&K).
3.	Mahadeep Singh	J-10-MV-207	M.V.Sc	Veterinary Officer in Uttar Pradesh (U.P)
4.	Rabab Saleem	J-12-MV-306	M.V.Sc	Assistant Professor, Division of Vety. Anatomy at MJF College of Veterinary & Animal Sciences, Chomu, Rajasthan
5.	Vikas Sharma	J-13-MV-358	M.V.Sc	Assistant Professor, Division of Vety. Anatomy at IIVER, Rohtak, Haryana
6.	Lovish Sethi	J-18-MV-528	M.V.Sc	Assistant Professor, Division of Vety. Anatomy at Bhumika Vety. College & Research Institute, Haryana

The division is involved in conducting research on the anatomical profiling of the indigenous breeds such as Bakerwali goats and Poonchi chicken.

6.4.2. Faculty Strength:

S. No.	Faculty	Sanctioned Faculty	Faculty in place	Vacant position	Faculty recommended by ICAR/ UGC/ VCI/ other regulatory bodies
1.	Professor	1	-	1	1
2.	Associate Professor	2	2	-	1
3.	Assistant Professors	4	1	3	2

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies
1.	Livestock Assistant	01	01	NA
2.	Field cum Lab Assistant	01	01	
3.	Computer Assistant / Jr Steno	02	01	
4.	Orderly cum Chowkidar/ helper	03	03	

6.4.4. Class Rooms & laboratories:

Degree Programme	No. of classrooms	No. of functional laboratories	Justification	Major Equipment
M.V.Sc. Veterinary Anatomy	1	1	Labs are fully functional for PG Practicals/ Research	Trinocular Microscope with Fluorescence attachment and camera Biological incubator Rotary Microtome Monocular Microscope Multimedia Projector HP Printer Photocopier HP Desktop Computer



Practical classroom of Division of Veterinary Anatomy

6.4.5. Conduct of Practical & hands-on-training:

The division has well equipped lab for conduct of practicals. The students have free access to the equipments in the lab for conducting the practical and research under the supervision of faculty.



Hands on training

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty	No. of students per faculty as per RRI	Actual students per faculty supervised (during last five years)
M.V.Sc. Veterinary Anatomy	03	02 (7*)	03 (PG & PhD combined)	Dr. Shalini Suri = 01

*No. of sanctioned faculty

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Faculty collects the feedback of farmers, livestock owners, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, clinical camps, Clinic visits of the livestock owners, and training programs. This feedback is kept as a consideration in developing research projects and post-graduate research programs. Undergraduate and postgraduate students are also encouraged to provide feedback towards curriculum delivery methods and performance of faculty members.

6.4.8. Student intake attrition in the programme for last five years:

Degree Programme	Actual students admitted during last five years					Percentage attrition				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
M.V.Sc. Veterinary Anatomy	---	---	01	---	---	---	---	---	---	---

6.4.9. ICT Application in Curricula delivery:

The ICT is being used adequately for curricula delivery. The division is provided with internet facility which can be availed by students of all degree programmes. E-Journals, e-books, and online research articles are accessed by the students as well as the faculty. Latest online platforms like Google meet, Zoom, are used for online classes, seminars, examinations etc. All class rooms are fitted with computers, overhead projectors and smart boards.

Faculty uses ICT resources at various avenues for improved functioning. Faculty employs internet for quick, effective, paperless, and traceable mode of communication. Classical classroom teaching has been modified by using projectors for presentations, interactive boards, virtual classes, online examinations, seminars, training programs and viva-voce.


6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG, PG and PhD Degree Programmes, separately, and to be presented College-wise.

6.4.11. Since the accreditation of Programmes is related to the All India Admission from ICAR and also having weightage for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.

6.4.12. Certificate (Applicable when SSR is submitted for Programme)

I, the **Dean, Faculty of Veterinary Sciences & Animal Husbandry, SKUAST-Jammu** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the College with Date & Seal


F.V. So. & A.H.
R. S. Puro

M.V.Sc.

**Veterinary and Animal
Husbandry Extension Education**

M.V.Sc. Veterinary and Animal Husbandry Extension Education

6.4.1. Brief history of the degree programme:

M.V.Sc. Veterinary and Animal Husbandry Extension Education degree programme was started at R. S. Pura, from 2006.

Objective was to impart quality and need based education to students for developing and strengthening human resource in Veterinary & Animal Husbandry Extension Education and livestock development through adoption & diffusion of improved animal husbandry practices & dissemination of scientific information to livestock farmers. Another objective was to conduct research in the areas of extension, communication, training needs, adoption/diffusion of improved animal husbandry practices, animal welfare and rural appraisal including ITK and extension management for the ultimate goal of promoting livestock development.

Achievements of the division are that no. of P.G. and PhD pass outs have been placed in reputed institutions. Total M.V.Sc. students passed out till date: 24

Placement of M.V.Sc. students of this division:

Sl. No.	Name of the student and Regd. No.	Year of passing	Placement
1	Shabeer Ahmad Hamdani (J-06-MV-27)	2008	Assistant Professor SKUAST-Kashmir
2	Shafkat Ahmad Khandi (J-06-MV-28)	2008	Assistant Professor SKUAST-Jammu
3	Harpreet Kour (J-08-MV-74)	2011	Veterinary Assistant Surgeon, Department of Animal Husbandry, J & K Govt
4	Maheep Sharma (J-08-MV-89)	2011	KAS, J&K
5	Ravdeep Singh (J-09-MV-128)	2011	Assistant Professor GADVASU-Ludhiana
6	Ammarah Gani (J-09-MV-160)	2011	Banking Services
7	Heena Sharma (J-10-MV-184)	2012	Veterinary Assistant Surgeon, Department of Animal Husbandry, J & K Govt
8	Shazia Shafiq (J-10-MV-185)	2012	Settled in USA
9	Varun Sharma (J-10-MV-186)	2012	Veterinary Assistant Surgeon, Department of Animal Husbandry, J & K Govt
10	Adil Masood Khateeb (J-10-MV-211)	2012	-
11	Rizwan Jeelani (J-12-MV-288)	2014	SRF, SKUAST -Jammu
12	Mohd Younas Beigh (J-12-MV-287)	2014	-

13	Avinash Neeraj (J-12-MV-285)	2014	Senior Veterinary Officer, Deptt. Of Animal Husbandry and Veterinary Services, Campbell Bay, Andman & Nicobar Island
14	Kawaljeet Kour (J-12-MV-286)	2014	Veterinary Assistant Surgeon, Department of Animal Husbandry, J & K Govt
15	Rayees. A.Bafanda (J-13-MV-343)	2015	Veterinary Assistant Surgeon, Department of Animal Husbandry, J & K Govt
16	Jaspal Singh (J-13-MV-344)	2015	Major, RVC, Govt. of India
17	Aditi Chanoria (J-13-MV-345)	2015	Working in private sector
18	Farzana Chaudhary (J-13-MV-346)	2015	Pursuing PhD
19	Sheikh Umair Minhaj (J-14-MV-393)	2016	-
20	Fahad Shahjar (J-14-MV-394)	2016	-
21	Rohan Sharma (J-14-MV-392)	2016	Veterinary Assistant Surgeon, Department of Animal Husbandry, J & K Govt
22	Md Saleem Chaoudhary (J-15-MV-437)	2017	-
23	Lucky Thapa (J-15-MV-438)	2018	Veterinary Assistant Surgeon, Department of Animal Husbandry, J & K Govt
24	Rahulpreet Singh (J-16-MV-472)	2019	Working in private sector

6.4.2. Faculty Strength:

S. No.	Faculty	Sanctioned Faculty	Faculty in place	Vacant position	Faculty recommended by ICAR/ UGC/ VCI/ other regulatory bodies
1.	Professor	1	-	1	1
2.	Associate Professor	1	-	1	1
3.	Assistant Professors	2	2	-	1

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies
1.	Livestock Assistant	01	01	NA
2.	Field cum Lab Assistant	01	01	
3.	Computer Assistant / Jr Steno	02	01	
4.	Orderly cum Chowkidar/ helper	03	03	

6.4.4. Class Rooms & laboratories:

Degree Programme	No. of classrooms	No. of functional laboratories	Justification	Major Equipment
M.V.Sc. Veterinary and Animal Husbandry Extension Education	1	1	Lab is fully functional for PG Practicals/ Research	-



Training hall for farmers and field functionaries

6.4.5. Conduct of Practical & hands-on-training:

The division has well equipped lab for conduct of practicals. The students have free access to the equipments in the lab for conducting the practical and research under the supervision of faculty.



Hands on training and field interaction with farmers

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty	No. of students per faculty as per RRI	Actual students per faculty supervised (during last five years)
M.V.Sc. Veterinary and Animal Husbandry Extension Education	02	02 (04*)	03 (PG & PhD combined)	Dr. S.A. Khandi=02 Dr. Pranav Kumar= 04

**No. of sanctioned faculty*

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Faculty collects the feedback of farmers, livestock owners, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, clinical camps, Clinic visits of the livestock owners, and training programs. This feedback is kept as a consideration in developing research projects and post-graduate research programs. Undergraduate and postgraduate students are also encouraged to provide feedback towards curriculum delivery methods and performance of faculty members.

6.4.8. Student intake attrition in the programme for last five years:

Degree programme	Actual Students admitted in the division during last 5 years					Attrition (%)				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
M.V.Sc. Veterinary and Animal Husbandry Extension Education	01	-	2	3	1	0	-	50*	0	0

***Got selected for Govt. jobs**

6.4.9. ICT Application in Curricula delivery:

The ICT is being used adequately for curricula delivery. The division is provided with internet facility which can be availed by students of all degree programmes. E-Journals, e-books, and online research articles are accessed by the students as well as the faculty. Latest online platforms like Google meet, Zoom, are used for online classes, seminars, examinations etc. All class rooms are fitted with computers, overhead projectors and smart boards.

The division uses ICT resources at various avenues for improved functioning. The division employs internet for quick, effective, paperless, and traceable mode of communication. Classical classroom teaching has been modified by using projectors for presentations, interactive boards, virtual classes, online examinations, seminars, training programs and viva-voce. The division has developed two online modules for Broiler farming and Dairy farming

- Link for web module on Broiler Farming : <http://skuast.org/biolearn/index.html>
- Link for web module on scientific dairy practices : <https://skuast.org/WMSDP>



6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG, PG and PhD Degree Programmes, separately, and to be presented College-wise.

6.4.11. Since the accreditation of Programmes is related to the All India Admission from ICAR and also having weightage for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.

6.4.12. Certificate (Applicable when SSR is submitted for Programme)

I, the Dean, Faculty of Veterinary Sciences & Animal Husbandry, SKUAST-Jammu hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the College with Date & Seal

(Handwritten signature and date 15/4/21)
Dean
F.V. Sc. & A.H.
R. S. Puri

M.V.Sc.

**Veterinary Gynaecology and
Obstetrics**

M.V.Sc. Veterinary Gynaecology & Obstetrics

6.4.1. Brief history of the degree programme:

The MVSc programme was initiated in the discipline of Veterinary Gynaecology and Obstetrics (previously titled as Animal Reproduction, Gynaecology & Obstetrics) in the year 2005 and the PhD was initiated in the year 2007 with the intake capacity of 7 and 3 seats.

The **objective** behind starting the PG and PhD programmes was to generate the more and more advanced human resource in this field so that reproductive and gynaecological problems could be tackled in more efficient ways with the advanced treatments by the PGs.

Achievement of the division is that till date a total of 24 MVSc and 7 PhD students have passed out from this division in the discipline of Veterinary Gynaecology and Obstetrics. During the period of last five years viz. 2016-2021 05 MVSc and 05 PhD students have passed from this division. Following table is the overall placement data of the pass outs of this division:

Placements of PG and PhD pass outs during the Period 2016-21

S.no	Name	Registration No.	Year of placement	Organization
1	Anavil Bhardwaz	J-12-MV-279	2019	Asstt. Prof., Div. Of VGO, College of Veterinary Science, Rampura Phul, Distt. Bhatinda, Punjab
2	Navjot Singh Resum,	J-12-MV-283	2019	Technical Executive, Virbac Animal Health India, Ludhiana
3	Mazar Ali Shah,	J-13-MV-361	2019	Veterinary Assistant Surgeon, A.H. Dept. Govt. Of J&K.
4	Dalbir Singh Sudan	J-13-MV-362	2019	Assistant Professor, Khalsa College, Amritsar
5	Jaan Mohammad Wani,	J-14-MV-410	2019	Veterinary Assistant Surgeon, S.H. Dept., Govt. Of J&K.
6	Pradeep Pal Singh	J-14-MV-409	2018	Teaching Associate. Veterinary Training & Research Centre, Dholpur, RAJUVAS
7	Yassar Chouhan	J-15-MV-449	2019	Veterinary Assistant Surgeon, S.H. Dept. Govt. Of J&K.
8	Bhavna,	J-14-D-67-V	2019	Assistant Professor at Bihar Veterinary College, Patna
9	Harjyote Singh,	J-16-MV-481	2019	Veterinary officer, Venky's India Ltd, Ludhiana
10	Sahil Rattan	J-17-MV-516	2019	Veterinary Assistant Surgeon, S.H. Dept. Govt. Of J&K.
11	Payal Sulekha,	J-18-MV-532	2019	Veterinary Assistant Surgeon, S.H. Dept. Govt. Of J&K.
12	Ankur Abrol,	J-19-D-145-V	2020	Veterinary Assistant Surgeon, A.H. Dept. Govt. Of J&K.
13	Arshaq Asfar,	J-19-D-146-V	2020	Veterinary Assistant Surgeon, S.H. Dept. Govt. Of J&K.
14	Sunil Kumar	J-19-MV-583	2020	Veterinary Assistant Surgeon, S.H. Dept. Govt. Of J&K.

6.4.2. Faculty Strength:

S. No.	Faculty	Sanctioned Faculty	Faculty in place	Vacant position	Faculty recommended by ICAR/ UGC/ VCI/ other regulatory bodies
1.	Professor	1	-	1	1
2.	Associate Professor	2	1	1	1
3.	Assistant Professors	5	4	1	3

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies
1.	Livestock Assistant	01	01	NA
2.	Field cum Lab Assistant	03	02	
3.	Computer Assistant / Jr Steno	02	01	
4.	Orderly cum Chowkidar/ helper	03	02	

6.4.5. Class Rooms & laboratories:

Degree Programme	No. of classrooms	No. of functional laboratories	Justification	Major Equipment
M.V.Sc. Veterinary Gynaecology & Obstetrics	1	1	Lab is fully functional for PG Practicals	Vertical Deep Freezer Stereozoom Microscope (LABEX) Binocular Microscope Stage Micrometer Ocular Micrometer Disc Double Glass Distillation Apparatus Water Bath Incubator shaker (MAC), Microprocessor controlled, Cryocan BA – 35 with Canister CC without BAG-A Cryocan TA-55 without Canister CC without BAG-A, Product No. TA-BCEH, Student Microscope Electronic Monopan Weighing Balance

			<p>Table Top General Purpose Centrifuge Machine</p> <p>Cold Cabinet</p> <p>Partec ploidy analyser II</p> <p>Laminar flow</p> <p>Straw freezing rack</p> <p>Autoclave</p> <p>Phase contrast microscope</p> <p>Cabon di-oxide incubator with co2 cylinder & stabilizer</p> <p>Digital Photoelectric Colorimeter</p> <p>Spectrophotometer</p> <p>Electronic Balance</p> <p>Embryo Freezer Model</p> <p>ETO Sterlizer Machine</p> <p>Automatic Sterozoom Microscope Model</p> <p>Phase Contrast Microscope with photography</p>
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Class Room



VGO Practical class room



VGO Museum



VGO Lab

6.4.6. Conduct of Practical & hands-on-training:

The division has well equipped lab for conduct of practicals. The students have free access to the equipments in the lab for conducting the practical and research under the supervision of faculty. Moreover, most of the practicals are demonstrated on clinical cases in the TVCC, where a large number of patients of all species are attended by the students under supervision. Thus they get hands on training in clinics on live patients.



VGO Hands on training

6.4.7. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty	No. of students per faculty as per RRI	Actual students per faculty supervised (during last five years)
M.V.Sc. Veterinary Gynaecology & Obstetrics	07	05+1** (08*)	03 (PG & PhD combined)	Dr Utsav Sharma-1 Dr Sanjay Agarwal-2 Dr Nishi pande-2

*No. of sanctioned faculty

**Posted in Teaching Veterinary Clinical Complex

6.4.8. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Faculty collects the feedback of farmers, livestock owners, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, clinical camps, Clinic visits of the livestock owners, and training programs. This feedback is kept as a consideration in developing research projects and post-graduate research programs. Undergraduate and postgraduate students are also encouraged to provide feedback towards curriculum delivery methods and performance of faculty members.

6.4.9. Student intake attrition in the programme for last five years:

Degree Programme	Actual students admitted in the FVSc & AH during the last five years					Attrition %				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
M.V.Sc. Veterinary Gynaecology & Obstetrics	2	1	5	2	8	-	-	3* (60%)	-	6* (75%)

**Selected in Govt Jobs*

6.4.9. ICT Application in Curricula delivery:

The ICT is being used adequately for curricula delivery. The division is provided with internet facility which can be availed by students of all degree programmes. e-Journals, e-books, and online research articles are accessed by the students as well as the faculty. Latest online platforms like Google meet, Zoom, are used for online classes, seminars, examinations etc. Smart classrooms are available for the students which are having the facility of the multimedia projectors smart boards and education is being provided electronically also.

Faculty uses ICT resources at various avenues for improved functioning. Faculty employs internet for quick, effective, paperless, and traceable mode of communication. Classical classroom teaching has been modified by using projectors for presentations, interactive boards, virtual classes, online examinations, seminars, training programs and viva-voce.

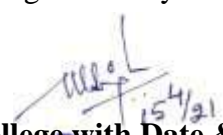
6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG, PG and PhD Degree Programmes, separately, and to be presented College-wise.

6.4.11. Since the accreditation of Programmes is related to the All India Admission from ICAR and also having weightage for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.

6.4.12. Certificate (Applicable when SSR is submitted for Programme)

I, the **Dean, Faculty of Veterinary Sciences & Animal Husbandry, SKUAST-Jammu** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the College with Date & Seal


F.V. So. & A.H.
R. S. Puro

M.V.Sc.
Veterinary Medicine

M.V.Sc. Veterinary Medicine

6.4.1. Brief history of the degree programme:

Division of Veterinary Medicine came in existence in November, 2011 with the merger of erstwhile Divisions of Veterinary Clinical Medicine & Jurisprudence and Division of Veterinary Epidemiology and Preventive Medicine under aegis of Faculty of Veterinary Sciences & A.H. created since 2001 as per revised VCI guidelines.

Division is actively involved in undergraduate and postgraduate teaching programmes. MVSc degree programme in the discipline of Veterinary Medicine were framed and implemented since the year 2004.

The major objectives of starting the programmes were to impart specialized education of Veterinary Medicine to master and doctoral students in order to create trained human resource, conducting research in different spheres of Veterinary medicine based on field problems and academic requirements as well as extension of research results to line departments and directly to other stakeholders.

The achievement of the division is that PG students have been placed at different institutions as shown in the following table.

S. No	Name	Regt. no	Year of Placement	Placement
1.	Adil Majid Bhat	J-11-MV-263	14-10-2019	Assistant Professor, Department of Veterinary Medicine, COVSc, GADVASU, Rampuraphull campus
2.	Adil Majid Bhat	J-11-MV-263	15-10-2020	Assistant Professor, Department of Veterinary Medicine, COVc, GADVASU, Ludhiana
3.	Sharuti Chibber	J-13-MV-322	4-3-16	Assistant Professor, Department of Veterinary Medicine, Khalsa Veterinary College GADVASU, Amritsar
4.	Sumreen Kaur	J-14-MV-367		Assistant Professor, Department of Veterinary Medicine, Khalsa Veterinary College GADVASU, Amritsar
5.	Zula Huma	J-16-MV-457	3-3-2021	Assistant Professor, Department of Veterinary Medicine, Khalsa Veterinary College GADVASU, Amritsar
6.	Afaq Amin,	J-15-MV-419	8-7-2019	Veterinary Assistant Surgeon, Department of Animal Husbandry, UT of J&K, Kashmir

7.	Rakshanda Bhagat	J-15-MV-414	22-4-2019	Veterinary Assistant Surgeon, Department of Animal Husbandry, UT of J&K, Jammu
8.	Samreen Kaur,	J-14-MV-367	12-7-2019	Veterinary Assistant Surgeon, Department of Sheep Husbandry, UT of J&K, Jammu
9.	Raman Sharma,	J-09-MV-131	10-5-2019	Veterinary Assistant Surgeon, Department of Sheep Husbandry, UT of J&K, Jammu
10.	Muheet	J-13-MV-325	12-7-2019	Veterinary Assistant Surgeon, Department of Sheep Husbandry, UT of J&K, Kashmir
11.	Moneesh Thakur	J-13-MV-365	24-3-2018	Veterinary Officer, Department of Animal Husbandry, HP.
12.	Sunil Choudhary	J-15-MV-417	18-9-2014	Veterinary Officer, Department of Animal Husbandry, Rajasthan.
13.	Attinder Pal Singh	J-13-MV-321	4-7-2016	Captain, RVC unit, Indian Army
14.	Virampal Singh	J-11-MV-267	24-9-2018	Asstt. Commandant, Veterinary, BSF

PG students practising in Private Clinics:

- Patkar Jui Sukumar, J-14-MV-370 (Mumbai)
- Vaneet Singhal J-16-MV-462 (Mumbai)
- Sheetal Dogra J-14-MV-368 (Jammu)
- Zulliah Fatima J-13-MV-324 (Kashmir)
- Himalini J-13-D-50-V (Jammu)
- Kamal Kumar J-15-MV-416 (Punjab)

Research Fellow:

- Harneet Kaur J-14-MV-366, GADVASU, Ludhiana

Major achievements have been achieved in the in the following research areas: Developed area specific mineral mixture to mitigate the problem of macro and trace mineral deficiencies among livestock from various districts of Jammu division. Developed protocol for management of lameness and mastitis in the dairy animals. Established molecular diagnostic markers for early detection of production diseases in buffaloes.

6.4.2. Faculty Strength:

S. No.	Faculty	Sanctioned Faculty	Faculty in place	Vacant position	Faculty recommended by ICAR/ UGC/ VCI/ other regulatory bodies
1.	Professor	1	1	-	1
2.	Associate Professor	3	2	1	1
3.	Assistant Professors	6	6	-	3

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies
1.	Field cum Lab Assistant	03	02	NA
2.	Computer Assistant / Jr Steno	02	02	
3.	Orderly cum Chowkidar/ helper	05	05	

6.4.4. Class Rooms & laboratories:

Degree Programme	No. of classrooms	No. of functional laboratories	Justification	Major equipment
M.V.Sc. Veterinary Medicine	1	5	Labs are fully functional for PG Practicals/ Research	Spectrophotometer Kinetic Gel Documentation System Atomic Absorption Spectrophotometer Ultra-Low Temperature Freezer Fluoride and Iodine Ion Electrode Spectrometer with Nano Volume Identification Blood chemistry analyzer Electronic Monopan weighing balance Somatic cell counter



Research facilities in the division of Veterinary Medicine

6.4.5. Conduct of Practical & hands-on-training:

The division has well equipped lab for conduct of practicals. The students have free access to the equipments in the lab for conducting the practical and research under the supervision of faculty. Moreover, most of the practicals are demonstrated on clinical cases in the TVCC, where a large number of patients of all species are attended by the students under supervision. Thus they get hands on training in clinics on live patients.



Hands on training

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty	No. of students per faculty as per RRI	Actual students per faculty supervised (during last five years)
M.V.Sc. Veterinary Medicine	07	07 (10*)	03 (PG & PhD combined)	Dr S K Gupta=03 Dr. Rajiv Singh=02 Dr. Rajesh Agrawal=02 Dr. Neelesh Sharma=03 Dr. S. R. Upadhyay=01 Dr. Abha Tikoo=01 Dr J S Soodan=02 Dr V S Wazir=02 Dr Kafil Hussain=03

*No. of sanctioned faculty

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Faculty collects the feedback of farmers, livestock owners, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, clinical camps, Clinic visits of the livestock owners, and training programs. This feedback is kept as a consideration in developing research projects and post-graduate research programs. Undergraduate and postgraduate students are also encouraged to provide feedback towards curriculum delivery methods and performance of faculty members.

6.4.8. Student intake attrition in the programme for last five years:

Degree programme	Actual students admitted in the FVSc & AH during last five years					Attrition				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
M.V.Sc. Veterinary Medicine	7	-	7	7	7	28.57	-	71.4*	14.3	14.3

*students got recruited in Govt. Jobs.

6.4.9. ICT Application in Curricula delivery:

The ICT is being used adequately for curricula delivery. The division is provided with internet facility which can be availed by students of all degree programmes. E-Journals, e-books, and online research articles are accessed by the students as well as the faculty. Latest online platforms like Google meet, Zoom, are used for online classes, seminars, examinations etc. All class rooms are fitted with computers, overhead projectors and smart boards.

Faculty uses ICT resources at various avenues for improved functioning. Faculty employs internet for quick, effective, paperless, and traceable mode of communication. Classical classroom teaching has been modified by using projectors for presentations, interactive boards, virtual classes, online examinations, seminars, training programs and viva-voce.


6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG, PG and PhD Degree Programmes, separately, and to be presented College-wise.

6.4.11. Since the accreditation of Programmes is related to the All India Admission from ICAR and also having weightage for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.

6.4.12. Certificate (Applicable when SSR is submitted for Programme)

I, the **Dean, Faculty of Veterinary Sciences & Animal Husbandry, SKUAST-Jammu** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the College with Date & Seal


F.V. So. & A.H.
R. S. Pura

M.V.Sc.
Veterinary Microbiology

M.V.Sc. Veterinary Microbiology

6.4.1. Brief history of the degree programme:

M.V.Sc. Veterinary Microbiology degree programme was started at R. S. Pura, from 2005; to carry out teaching for the postgraduate students in veterinary microbiology and immunology as well as veterinary laboratory diagnosis courses.

Objectives include identification and characterization of animal microbes; Conservation, maintenance, surveillance and utilization for R & D; to develop practically applicable diagnostic techniques for lab-to-land transfer of technology and for dissemination and updating of knowledge to field veterinarians to facilitate disease diagnosis in the field.

Achievements: Some of the placements of the pass outs from the division are as under:

Name	Regd. No.	Year of award of Degree	Placement
Mahrukh Hafiz	(J-16-MV-474)	2018	Private Job
Salena Janjua	(J-16-MV-475)	2018	Asst. Prof. Shoolini University (H.P)
Apurva Gupta	(J-17-MV-503)	2019	Private Job
Indica Sharma	(J-17-MV-504)	2019	Contractual Lecturer
Ufaq Aijaz	(J-17-MV-505)	2019	Abroad (Australia)

The division is currently working on the following research areas:

- Characterisation of enteropathogenic *Escherichia coli* from domestic animals for virulence gene and colonisation factors from faecal samples of the domestic animals and poultry birds.
- Molecular typing and antibiogram of field isolates of *Pasteurella multocida* from livestock of Jammu region to place on record the important serogrouping of the organism. From sheep and poultry serogroup A and from buffaloes serogroup B was isolated.
- Occurrence of livestock-associated, methicillin resistant *staphylococcus aureus* among the domestic animals.
- Molecular genetic analysis of *Dichelobacter nodosus* acidic protease isoenzyme 2 in clinical samples from sheep flocks of Jammu and Kashmir for expression of genes for vaccine production against the foot rot disease prevailing in the state.
- Genetic characterization of *Dichelobacter nodosus* and expression of its *fim A* gene for development of recombinant vaccine production.

6.4.2. Faculty Strength:

S. No.	Faculty	Sanctioned Faculty	Faculty in place	Vacant position	Faculty recommended by ICAR/ UGC/ VCI/ other regulatory bodies
1.	Professor	1	-	1	1
2.	Associate Professor	2	-	-	1
3.	Assistant Professors	2	1+2*	-	2

*Contractual faculty

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies
1.	Field cum Lab Assistant	02	01	NA
2.	Computer Assistant / Jr Steno	02	01	
3.	Orderly cum Chowkidar/ helper	03	01	

6.4.4. Class Rooms & laboratories:

Degree Programme	No. of classrooms	No. of functional laboratories	Justification	Major Equipment
M.V.Sc. Veterinary Microbiology	1	1	Lab is fully functional for PG Practicals/ Research	NGS Data Analysis Software with Server 2 KVA Online Thermomixer Centrifuge Refrigerated Master Cycler Vertical Electrophoresis Orbital Shaker



Research Laboratory of microbiology division

6.4.5. Conduct of Practical & hands-on-training:

The division has well equipped lab for conduct of practical. The students have free access to the equipments in the lab for conducting the practical and research under the supervision of faculty.



Hands on training in Veterinary Microbiology Lab

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty	No. of students per faculty as per RRI	Actual students per faculty supervised (during last five years)
M.V.Sc. Veterinary Microbiology	07	01 (05*)	03 (PG & PhD combined)	Dr. Anil Taku=2 Dr. Altaf Bhat=6

**No. of sanctioned faculty*

Dr. Anil Taku retired on March, 2020

Dr. Altaf Bhat moved to SKUAST-Kashmir on Dec., 2019

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Faculty collects the feedback of farmers, livestock owners, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, clinical camps, Clinic visits of the livestock owners, and training programs. This feedback is kept as a consideration in developing research projects and post-graduate research programs. Undergraduate and postgraduate students are also encouraged to provide feedback towards curriculum delivery methods and performance of faculty members.

6.4.8. Student intake attrition in the programme for last five years:

Degree programme	Actual students admitted in the VMC during last five years					Attrition %				
	2016-	2017-	2018-	2019-	2020-	2016-	2017-	2018-	2019-	2020-
M.V.Sc. Veterinary	17	18	19	20	21	17	18	19	20	21
Microbiology	2	3	0	2	0	0	0	0	0	0

6.4.9. ICT Application in Curricula delivery:

The ICT is being used adequately for curricula delivery. The division is provided with internet facility which can be availed by students of all degree programmes. E-Journals, e-books, and online research articles are accessed by the students as well as the faculty. Latest online platforms like Google meet, Zoom, are used for online classes, seminars, examinations etc. All class rooms are fitted with computers, overhead projectors and smart boards.

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6.4.12. Certificate (Applicable when SSR is submitted for Programme)

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Signature of Dean of the College with Date & Seal

15/4/21
Dean
F.V. So. & A.H.
R. S. Pura

M.V.Sc.
Veterinary Parasitology

M.V.Sc. Veterinary Parasitology

6.4.1. Brief history of the degree programme:

M.V.Sc. Veterinary Parasitology degree programme was started at R. S. Pura, from 2007.

The objectives were to fill the research gap and improve production of livestock of Jammu, to provide trained human resource to the state for diagnosis and control of parasitic diseases, and human resource development for the teaching / research institutions and animal/sheep husbandry department.

The achievement of the division is that PG students have been placed at different institutions as shown in the following table.

S. No.	Name	Degree/ Year	Placements
1.	Peerzada	MVSc/2010	DSP, JK Police
2.	Rabjot Kaur	MVSc/2012	Assistant Professor, Veterinary Parasitology, Khalsa Veterinary College, Amritsar
3.	Irshad Ahmed	MVSc/2012	Veterinary Officer, Venky's, Mohali
4.	Sartaj	MVSc/2012	Assistant Professor, Veterinary Parasitology, Khalsa Veterinary College, Amritsar
5.	Varun Khajuria	MVSc/2013	Assistant Professor, Veterinary Parasitology, Khalsa Veterinary College, Amritsar
6.	Damandeep kour	MVSc/2014	Manager, JK Bank
7.	Akhiyar	MVSc/2015	Veterinary Officer, Max Vets Hospital, Delhi
8.	Arjun Dev Singh	MVSc/2015	Major, RVC
9.	R. R. Ahanger	MVSc/2015	VAS, Animal Husbandry, JK
10.	Fakhrun Nisa	MVSc/2016	VAS, Animal Husbandry, JK

The division has achieved major achievements in the following research area:

- Established epidemiology of parasitic diseases of livestock of Jammu and its sustainable control measures.
- Established economics of important parasitic diseases.
- Established susceptible and resistance levels of different ectoparasitocidal against ticks of Jammu region.
- Impact of role of maggots in wound healing.
- Zoonotic potential of parasitic diseases.

6.4.2. Faculty Strength:

S. No.	Faculty	Sanctioned Faculty	Faculty in place	Vacant position	Faculty recommended by ICAR/ UGC/ VCI/ other regulatory bodies
1.	Professor	1	1	-	1
2.	Associate Professor	2	1	1	1
3.	Assistant Professors	2	2	-	2

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies
1.	Field cum Lab Assistant	02	02	NA
2.	Computer Assistant / Jr Steno	02	01	
3.	Orderly cum Chowkidar/ helper	02	02	

6.4.4. Class Rooms & laboratories:

Degree Programme	No. of classrooms	No. of functional laboratories	Justification	Major Equipment
M.V.Sc. Veterinary Parasitology	1	2	Labs are fully functional for PG Practicals/ Research	Sonicator UV Spectrophotometer Theram Cycler Gel Documentation System Trinocular Microscope Vertical Gel Electrophoresis Unit Deep Freezer -800C Deep Freezer -200C Refrigerator Rocker Shaker Refrigerated Centrifuge ELISA Reader



Research facilities in the Division of Parasitology

6.4.5. Conduct of Practical & hands-on-training:

The division has well equipped lab for conduct of practicals. The students have free access to the equipments in the lab for conducting the practical and research under the supervision of faculty.

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty	No. of students per faculty as per RRI	Actual students per faculty supervised (during last five years)
M.V.Sc. Veterinary Parasitology	07	04 (05*)	03 (PG & PhD combined)	Dr. Rajesh Katoch= 01 Dr. Sanku Borkataki= 01

*No. of sanctioned faculty

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Faculty collects the feedback of farmers, livestock owners, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, clinical camps, Clinic visits of the livestock owners, and training programs. This feedback is kept as a consideration in developing research projects and post-graduate research programs. Undergraduate and postgraduate students are also encouraged to provide feedback towards curriculum delivery methods and performance of faculty members.

6.4.8. Student intake attrition in the programme for last five years:

Degree programme	Actual students admitted in MVSc					Attrition (%)				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
M.V.Sc. Veterinary Parasitology	-	01	02	01	04	-	-	100*	-	100 [#]

*Got placements

Joined other subjects or colleges

6.4.9. ICT Application in Curricula delivery:

The ICT is being used adequately for curricula delivery. The division is provided with internet facility which can be availed by students of all degree programmes. E-Journals, e-books, and online research articles are accessed by the students as well as the faculty. Latest online platforms like Google meet, Zoom, are used for online classes, seminars, examinations etc. All class rooms are fitted with computers, overhead projectors and smart boards.

Faculty uses ICT resources at various avenues for improved functioning. Faculty employs internet for quick, effective, paperless, and traceable mode of communication. Classical classroom teaching has been modified by using projectors for presentations, interactive boards, virtual classes, online examinations, seminars, training programs and viva-voce.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG, PG and PhD Degree Programmes, separately, and to be presented College-wise.

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6.4.12. Certificate (Applicable when SSR is submitted for Programme)

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Signature of Dean of the College with Date & Seal

15/4/21
Dean
F.V. Sc. & A.H.
R. S. Pura

M.V.Sc.
Veterinary Pathology

M.V.Sc. Veterinary Pathology

6.4.1. Brief history of the degree programme:

Veterinary Pathology as a discipline is related to the study of the 'cause and effects' of diseases, and often involves the analysis of tissues, cells and various body fluids for studying the actual progression or prediction of a particular ailment. The discipline thus forms a vital bridge for the clinical application in medicine based on the knowledge and understanding of the various biosciences. The mandate of the Division of Veterinary Pathology is set within the purview of the mission mandates of SKUAST-Jammu and the Faculty of Veterinary Sciences & Animal Husbandry. Clubbed with other divisions initially, the discipline of Veterinary Pathology has been an integral part of the faculty since its inception from 20th September, 1999. On the recommendations of ICAR, post-graduate program (MVSc & Ph.D) have been adopted and the division instituted MVSc & Ph.D programme since 2001 and 2009, respectively. Research activities are undertaken regularly on identification of prevalent diseases in the region.

Through continuous and successive progression, the division has grown in strength and sizeable infrastructure.

At present there are three working scientists and ancillary staff. The human resource of the division has been an amalgamated representation from various parts of the country and esteemed institutes, and are well trained and motivated in their endeavour. After the inauguration of a Necropsy Complex, the facility of the Division was shifted in 2016 from the old Faculty building to the Clinical Complex building. Present amenities include undergraduate and postgraduate laboratories, seminar room and a specimen museum to advocate training to the students, along with necropsy facility and clinical laboratory for diagnostic services.

Objectives of starting PG programme were to create specialized human resources for national and international teaching and research institutions and to meet the demand of undergraduate students.

Achievement of the division is that till date 21 MVSc (Masters Degree in Veterinary Pathology) have been awarded and the students have been placed at different institutions as shown in the following table.

Name	Degree/ batch	Regd. No.	Placement/ designation
Riya Abrol	MVSc/2016	J-16-MV-478	Self employed
Mehroon Chowdhary	MVSc/2016	J-16-MV-477	Veterinary Assistant Surgeon, Sheep Husbandry Department, Reasi
Syed Mehmood	MVSc/2014	J-14-MV-406	Veterinary Assistant Surgeon, Animal Husbandry Department, Leh
Bhavesh Sharma	MVSc/2015	J-15-MV-445	Veterinary Assistant Surgeon, Central Veterinary Hospital, Tallab Tillo, Jammu
Navrose Sangha	MVSc/2015	J-15-MV-452	PhD Scholar at GADVASU, Ludhiana

Satuti Sharma	MVSc/2015	J-15-MV-444	PhD Scholar at SKUAST-Jammu
Menakshi Bhagat	MVSc/2014	J-14-MV-405	Veterinary Assistant Surgeon, Animal Husbandry Department, Dablehar
Sanak Sharma	MVSc/2013	J-13-MV-356	Veterinary Assistant Surgeon, Animal Husbandry Department, Bhella (Doda), Jammu & Kashmir
Henna Wani	MVSc/2012	J-12-MV-314	Senior Research Fellow in NICRA (ATTARI) project
Sahil Dutta	MVSc/2012	J-12-MV-315	Self Employed, Business
Navdeep Kour	MVSc/2011	J-11-MV-243	Veterinary Assistant Surgeon, ARV Lab, Animal Husbandry Department, RS Pura
Nishchal Dutta	MVSc/2011	J-11-MV-244	Associate Professor, Khalsa College of Veterinary & Animal Sciences, KCVAS, Amritsar-143001, Punjab
Tanveer Ahmad Dar	MVSc/2009	J-09-MV-153	Veterinary Assistant Surgeon, Sheep Husbandry Department, Jammu & Kashmir
Ajaz Ahmad Zargar	MVSc/2009	J-09-MV-156	Self Employed, Business
Sourabh Sharma	MVSc/2009	J-09-MV-154	Small Animal Practitioner, Jammu
Asma Hamid	MVSc/2009	J-09-MV-155	Veterinary Assistant Surgeon, Animal Husbandry Department, Barweeni, Jammu
Motup Angmo	MVSc/2010	J-10-MV-174	Veterinary Assistant Surgeon, Yak Breeding Farm, Disket Nubra, Ladakh
Zubair Sultan	MVSc/2010	J-10-MV-172	Accounts Officer, Audit and Pension, Finance Department
Amit Khajuria	MVSc/2010	J-10-MV-173	Veterinary Assistant Surgeon, Animal Husbandry Department, Jammu & Kashmir
Shujhat Ahmad Qureshi	MVSc/2009	J-09-MV-108	District Panchayat Officer, Kupwara
Showkat Ahmad Dar	MVSc/2009	J-09-MV-122	Veterinary Assistant Surgeon, Sheep Husbandry Department, Anantnag

The division has been working on the following research areas

- Molecular characterization and patholo-biology of different avianpox viruses, sheep/goatpox viruses, Avian Avulaviruses prevalent in Jammu region.
- Toxicopathological studies of different heavy metals, chlorfenapyr in experimentally induced studies.
- Studies on the spontaneous occurrence of systemic diseases, infectious diseases and neoplasms in different animals and poultry in Jammu region.

6.4.2. Faculty Strength:

S. No.	Faculty	Sanctioned Faculty	Faculty in place	Vacant position	Faculty recommended by ICAR/ UGC/ VCI/ other regulatory bodies
1.	Professor	1	-	1	1
2.	Associate Professor	2	1	1	1
3.	Assistant Professors	3	2	1	2

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies
1.	Field cum Lab Assistant	02	01	NA
2.	Computer Assistant / Jr Steno	02	02	
3.	Orderly cum Chowkidar/ helper	04	03	

6.4.4. Class Rooms & laboratories:

Degree Programme	No. of classrooms	No. of functional laboratories	Justification	Major Equipment
M.V.Sc. Veterinary Pathology	1	3	Lab is fully functional for PG Practicals/ Research	Autoclave Hot Air Oven Microtome Student Microscope Binocular Microscope Research Microscope with camera Centrifuge Machine



Pathology Museum



Pathology Laboratory



Histopathology Facility



Necropsy Complex inaugurated on 15 May, 2017

6.4.5. Conduct of Practical & hands-on-training:

The division has well equipped lab for conduct of practical. The students have free access to the equipments in the lab for conducting the practical and research under the supervision of faculty.

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty	No. of students per faculty as per RRI	Actual students per faculty supervised (during last five years)
M.V.Sc. Veterinary Pathology	07	03 (06*)	03 (PG & PhD combined)	Dr. Nawab Nashiruddullah = 3 Dr. Shilpa Sood = 2 Dr. Shafiqur Rahman = 2

**No. of sanctioned faculty*

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Faculty collects the feedback of farmers, livestock owners, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, clinical camps, Clinic visits of the livestock owners, and training programs. Besides, research council Meetings of the University is a platform for feedback received from Veterinary animal and Sheep Husbandry departments and farmers regarding the need based research activities and research technology transfer. This feedback is kept as a consideration in developing research projects and post-graduate research programs. Undergraduate and postgraduate students are also encouraged to provide feedback towards curriculum delivery methods and performance of faculty members.

6.4.8. Student intake attrition in the programme for last five years:

Degree programme	Actual students admitted in the VPP during last five years					Attrition %				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
M.V.Sc. Veterinary Pathology	17	18	19	20	21	17	18	19	20	21
	03	01	02	02	01	33.3	0	100*	0	100

*Selected for government job

6.4.9. ICT Application in Curricula delivery:

The ICT is being used adequately for curricula delivery and can be availed by students of all degree programmes. E-Journals, e-books, and online research articles are accessed by the students as well as the faculty. Latest online platforms like Google meet, Zoom, are used for online classes, seminars, examinations etc. All class rooms are fitted with computers, overhead projectors and smart boards. Since March 2020, in view of Covid-19 pandemic, undergraduate, postgraduate and doctoral classes (theory and practical) have been carried out on online mode. The popular Google Meet platform is used to communicate with the students through MS-Power Point presentations, e-links to internet technical resources and popular websites for student training in disease diagnosis, sharing e-books and bulletins in WhatsApp groups created for the purpose. Moreover, exercises and examinations were also carried out in virtual mode through Google Forms. The students are also provided with laboratory manuals in print as well as digital form for ready reference.

The division uses ICT resources at various avenues for improved functioning. The division employs internet for quick, effective, paperless, and traceable mode of communication. Classical classroom teaching has been modified by using projectors for presentations, interactive boards, virtual classes, online examinations, seminars, training programs and viva-voce.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG, PG and PhD Degree Programmes, separately, and to be presented College-wise.

6.4.11. Since the accreditation of Programmes is related to the All India Admission from ICAR and also having weightage for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.

6.4.12. Certificate (Applicable when SSR is submitted for Programme)

I, the **Dean, Faculty of Veterinary Sciences & Animal Husbandry, SKUAST-Jammu** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the College with Date & Seal

15/4/21
Dean
F.V. So. & A.H.
R. S. Pura

M.V.Sc.

**Veterinary Pharmacology &
Toxicology**

M.V.Sc. Veterinary Pharmacology and Toxicology

6.4.1. Brief history of the degree programme:

To facilities higher education in subject Veterinary Pharmacology and Toxicology the Master degree (M V Sc) programme was started in 2006.

The major objectives of starting the programme were to strengthen the research work and facilities in the division in the field of Veterinary Pharmacology & Toxicology as well as to resolve local issues related to Veterinary pharmacology and toxicology (develop dosage regimen for antimicrobials in small ruminants, antidotal therapy for the fluoride intoxication in goats; ameliorative potential of phytochemicals for the agrochemicals poisoning in animals; toxicity of locally available plants in animals and their amelioration).

The division is presently working on the following research areas:

- Formulation of dosage regimen for the antimicrobials (Enrofloxacin, Cefepime, etc) in febrile small ruminants.
- Antidotal therapy for the chronic fluoride intoxication in small ruminants (aluminum sulphate orally)
- Ameliorative potency of natural and synthetic phytochemicals (quercetin, plant extracts) for nephrotoxicity and hepatotoxicity induced by agrochemicals (cypermethrin, deltamethrin, bifenthrin, chlorpyrifos).
- Anti-diabetic potential of *Alstonia scholaris*, *Calendula officinalis*, *Sida cardifolia*, *Ipomea nil* in experimentally induced animal models..

The achievements of the division are that till date 30 MVSc (Masters Degree) degrees have been awarded and the students have been placed at different institutions as shown in the following table.

S. No.	Name of Student	Regd. No.	Year	Placement
1	Rajeeb Kumar Roy	J-05-MV-08	2007	Asst. Prof. in Nigeria
2	Vinay Kant	J-06-MV-15	2008	Asst. Prof. (LUVAS) Hissar
3	Kusum	J-06-MV-16	2008	KAS Officer, J&K Govt.
4	Muneer Ahmad Dar	J-07-MV-39	2009	V.A.S. J&K Govt.
5	Adil Mehraj Khan	J-08-MV-50	2010	Asstt. Prof. SKUAST-K, Srinagar
6	Gurmeet Singh	J-08-MV-67	2010	Working Abroad
7	Nitin Dubey	J-08-MV-69	2010	V.A.S. J&K Govt.
8	Tasneef Yaqoob Khan	J-08-MV-68	2012	V.A.S. J&K Govt.
9	Naseer Ahmad Baba	J-09-MV-106	2012	KAS Officer, J&K Govt.
10	Nisar Ahmad Nisar	J-09-MV-130	2012	V.A.S. J&K Govt.
11	Reyaz Ahmad Mala	J-09-MV-144	2012	Asstt. Professor Vety. College Rohtak
12	Imtiyaz Ahmad	J-09-MV-145	2013	Private
13	Mahruxh Ahmad	J-10-MV-190	2012	Private
14	Sandeep Pandita	J-10-MV-191	2013	V.A.S. J&K Govt.
15	Makhmoor Ahmad Bhat	J-10-MV-213	2013	Business
16	Sahrish Chirag	J-11-MV-269	2013	Private
17	Arshad Hussain Mir	J-11-MV-270	2013	Teaching Associate
18	Rashmi Sagar	J-11-MV-271	2013	Assistant Professor GADVASU, Ludhiana
19	Mudasir Amin Bader	J-13-MV-336	2015	V.A.S. J&K Govt.

20	Priyanka Mudgil	J-13-MV-335	2015	Product Manager, Mankind Pharmaceuticals
21	Nasir Manzoor Wani	J-14-MV-385	2016	V.A.S. J&K Govt.
22	Abineet Singh Pandha	J-14-MV-383	2016	Private
23	Abid Hussain Thoker	J-15-MV-432	2017	Teaching
24	Lakshay Mahajan	J-15-MV-432	2017	Research Scientist Pharmaceutical Industry
25	Gurpreet Singh	J-15-MV-432	2018	Amul Jammu
26	Parvinder Singh	J-16-MV-453	2018	Private Practice
27	Priyanka Sharma	J-16-MV-454	2018	Doing Ph.D
28	Sheikh Uzma	J-16-MV-455	2018	Teaching in Khalsa Vety. College, Amritsar
29	Rahul Dev	J-16-MV-456	2018	V.A.S. J&K Govt.
30	Harpreet Kour	J-17-MV-508	2019	Pursuing Ph.D. in GADVASU, Ludhiana

6.4.2. Faculty Strength:

S. No.	Faculty	Sanctioned Faculty	Faculty in place	Vacant position	Faculty recommended by ICAR/ UGC/ VCI/ other regulatory bodies
1.	Professor	1	-	1	1
2.	Associate Professor	2	-	2	1
3.	Assistant Professors	3	2	1	1

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies
1.	Field cum Lab Assistant	02	02	NA
2.	Computer Assistant / Jr Steno	02	01	
3.	Orderly cum Chowkidar/ helper	03	03	

6.4.4. Class Rooms & laboratories:

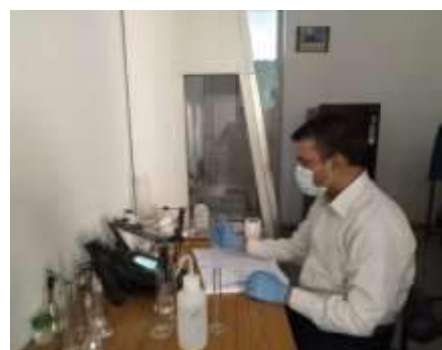
Degree Programme	No. of classrooms	No. of functional laboratories	Justification	Major equipment
M.V.Sc. Veterinary Pharmacology and Toxicology	1	3	Lab is fully functional for PG Practicals/ Research	HPLC BOD Incubator Probe Sonicator Vacuum filtration assembly Water Bath (digital) pH Meter



Major research facilities in the division of Veterinary Pharmacology and Toxicology

6.4.5. Conduct of Practical & hands-on-training:

The division has well equipped lab for conduct of practicals. The students have free access to the equipments in the lab for conducting the practical and research under the supervision of faculty.



Hands on Training

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty	No. of students per faculty as per RRI	Actual students per faculty supervised (during last five years)
M.V.Sc. Veterinary Pharmacology and Toxicology	07	02 (06*)	03 (PG & PhD combined)	Dr M Sultana =01 Dr R Raina =04 Dr N K Pankaj =04 Dr P K Verma =02

**No. of sanctioned faculty*

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Faculty collects the feedback of farmers, livestock owners, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, clinical camps, Clinic visits of the livestock owners, and training programs. This feedback is kept as a consideration in developing research projects and post-graduate research programs. Undergraduate and postgraduate students are also encouraged to provide feedback towards curriculum delivery methods and performance of faculty members.

6.4.8. Student intake attrition in the programme for last five years:

Degree programme	Actual students admitted in the F V Sc & AH during last five years					Attrition %				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
M.V.Sc. Veterinary Pharmacology and Toxicology	03	04	03	03	01	00	00	00	66.6*	=

*Left degree programme to take up jobs

6.4.9. ICT Application in Curricula delivery:

The ICT is being used adequately for curricula delivery. The division is provided with internet facility which can be availed by students of all degree programmes. E-Journals, e-books, and online research articles are accessed by the students as well as the faculty. Latest online platforms like Google meet, Zoom, are used for online classes, seminars, examinations etc. All class rooms are fitted with computers, overhead projectors and smart boards.

Faculty uses ICT resources at various avenues for improved functioning. Faculty employs internet for quick, effective, paperless, and traceable mode of communication. Classical classroom teaching has been modified by using projectors for presentations, interactive boards, virtual classes, online examinations, seminars, training programs and viva-voce.

The division has subscribed the online experimental pharmacology resources and has been using computer simulations for demonstration of practicals to the students.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG, PG and PhD Degree Programmes, separately, and to be presented College-wise.

6.4.11. Since the accreditation of Programmes is related to the All India Admission from ICAR and also having weightage for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.

I, the **Dean, Faculty of Veterinary Sciences & Animal Husbandry, SKUAST-Jammu** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the College with Date & Seal

15/4/21
F.V. Sc. & A.H.
R. S. Pura

M.V.Sc.
Veterinary Biochemistry
&
M.V.Sc.
Veterinary Physiology

M.V.Sc. Veterinary Biochemistry and M.V.Sc Veterinary Physiology

6.4.1. Brief history of the degree programme: Division of Veterinary Physiology and Biochemistry came in to existence after merging the division of Veterinary Physiology and Veterinary Biochemistry in the year 2011, with the aim to provide the veterinary students a common understanding of the physiological and biochemical events simultaneously in animals health, production and reproduction. The Division offers M.V.Sc. and PhD degree programmes to disseminate the best possible knowledge & skills to the students. As one of the basic subject, this division provides a firm foundation to other clinical, para-clinical and production subject of Veterinary Sciences. M.V.Sc. in both subjects Veterinary Physiology and Veterinary Biochemistry was started in the year 2005.

The main objective was to strengthen human resource with the tools and skills to understand, assess and formulate strategies to improve production, reproduction and animal health and to produce resource persons for teaching and research institutions across the country and overseas.

Achievements: So far the division has produced 15 M.V. Sc.; Veterinary Physiology: 11 students and Veterinary Biochemistry: 4 students

Some of the placements of the pass outs from the division are as under:

Sr. No.	Name with Address	Registration No.	Course / batch	Present designation/ occupations
1.	OvaisAarif	J-08-MV-59	2010	Assistant Professor, Division of Vety. Physiology, SKUAST-K
2.	AnkushReothia,	J-09-MV-164	2013	Farm Manager, Good farm Milk Pvt. Ltd.
3.	Ishfaq Hassan Bhat	J-10-MV-210	2013	Scale one Manager, J & K ban,kSafapora, Ganderbal, Kashmir
4.	Ajaydeep Singh	J-11-MV-274)	2015	Veterinary Doctor, Private Veterinary Hospital, Murateous
5.	Sumaiya Bashir Khanday	J-15-MV-447	2017	Asstt. Professor, Khalsa college of Veterinary and Animal Sciences, Amritsar
6.	Vaishali Sharma	J-15-MV-448	2017	PhD scholar, Div. of Vety Physiology & Biochemistry, FVSc& AH, SKUAST-Jammu
7.	Ankush Arora	J-11-MV-242	2014	DVM, Ottawa, Canada
8.	Ashok Kumar Anand	J-10-MV-188	2015	Veterinary Assistant Surgeon, Mendhar (Poonch), J & K State Govt.

The division is actively involved in research and some of the areas of research carried are:

- Investigation of physiological responses in livestock with relation to different stress conditions like climatic, migratory and lactation stress and ameliorative effect of mineral and vitamin on these conditions.
- Effect of zinc supplementation (inorganic/organic/nano particles) in augmenting reproduction in male animal and its impact on the growth performance and histomorphological architecture of the intestine in broilers
- Ameliorating and Protective effect of Sea buckthorn (*Hippophaerhamnoides*) leaf Extract on heavy metals (Copper and Lead) Induced Oxidative Stress and diabetes induced biochemical and anti-oxidant alteration in Wistar rats
- Study of a low-cost molecular diagnostics (Loop Mediated Isothermal Amplification-LAMP) for subclinical mastitis caused by *Streptococcus agalactiae*.
- Cholesterol and niacin supplementation in experimentally induced renal dysfunction and hepatic cirrhosis.

6.4.2. Faculty Strength:

S. No.	Faculty	Sanctioned Faculty	Faculty in place	Vacant position	Faculty recommended by ICAR/ UGC/ VCI/ other regulatory bodies
1.	Professor	1	-	1	1
2.	Associate Professor	2	2	-	1
3.	Assistant Professors	4	4	-	3

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies
1.	Field cum Lab Assistant	03	03	NA
2.	Computer Assistant / Jr Steno	02	01	
3.	Orderly cum Chowkidar/ helper	03	03	

6.4.4. Class Rooms & laboratories:

Degree Programme	No. of classrooms	No. of functional laboratories	Justification	Major Equipment
M.V.Sc. Veterinary Biochemistry	1	1	Lab is fully functional for PG Practicals/ Research	Sphygmomanometer Photocopier (Three in one) Reading Devices Monocular LED Microscope Magnetic Stirrer Brother printer Desktop Computer UPS offline 650 va



Physiology and Biochemistry laboratory

6.4.5. Conduct of Practical & hands-on-training:

The division has well equipped lab for conduct of practicals. The students have free access to the equipments in the lab for conducting the practical and research under the supervision of faculty.





Hands on training

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty	No. of students per faculty as per RRI	Actual students per faculty supervised (during last five years)
M.V.Sc. Veterinary Biochemistry	05	06 (07*)	03 (PG & PhD combined)	Dr. Jonali Devi = 2 Dr. P. S. Mahapatra =2 Dr. J. A. Ahmed =3 Dr. Pratiksha Raghuwanshi =1 Dr. Aditi L. Koul =1 Dr. Kawardeep Kour =1
M.V.Sc. Veterinary Physiology	06			

**No. of sanctioned faculty*

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Faculty collects the feedback of farmers, livestock owners, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, clinical camps, Clinic visits of the livestock owners, and training programs. This feedback is kept as a consideration in developing research projects and post-graduate research programs. Undergraduate and postgraduate students are also encouraged to provide feedback towards curriculum delivery methods and performance of faculty members.

6.4.8. Student intake attrition in the programme for last five years

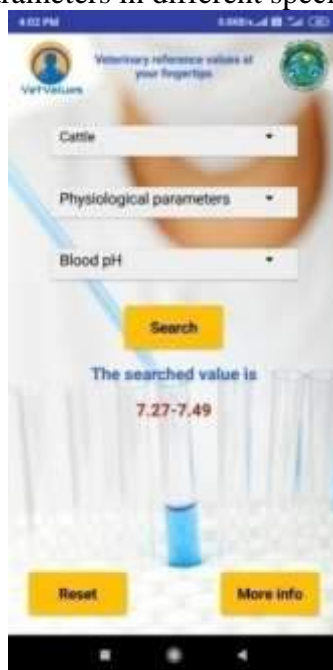
Degree Programme	Actual students admitted during last 5 years					Attrition %				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
M.V.Sc. Veterinary Biochemistry	1	1	6	4	5	0%	100%	0%	50%*	80%*
M.V.Sc. Veterinary Physiology										

*The reason for high attrition is selection in other institutions and in govt jobs

6.4.9. ICT Application in Curricula delivery:

The ICT is being used adequately for curricula delivery. The division is provided with internet facility which can be availed by students of all degree programmes. E-Journals, e-books, and online research articles are accessed by the students as well as the faculty. Latest online platforms like Google meet, Zoom, are used for online classes, seminars, examinations etc. All class rooms are fitted with computers, overhead projectors and smart boards.

Faculty uses ICT resources at various avenues for improved functioning. Faculty employs internet for quick, effective, paperless, and traceable mode of communication. Classical classroom teaching has been modified by using projectors for presentations, interactive boards, virtual classes, online examinations, seminars, training programs and viva-voce **Android App “VetValues”** developed for field veterinarians, undergraduate students and researchers to provide them with handy information regarding various values of physiological and biochemical parameters in different species of animals.



Android App “VetValues”

6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG, PG and PhD Degree Programmes, separately, and to be presented College-wise.

6.4.11. Since the accreditation of Programmes is related to the All India Admission from ICAR and also having weightage for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.

6.4.12. Certificate (Applicable when SSR is submitted for Programme)

I, the **Dean, Faculty of Veterinary Sciences & Animal Husbandry, SKUAST-Jammu** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the College with Date & Seal

15/4/21
F.V. So. & A.H.
R. S. Pura

M.V.Sc.

**Veterinary Public Health
& Epidemiology**

M.V.Sc. Veterinary Public Health and Epidemiology

6.4.1. Brief history of the degree programme:

M.V.Sc. in Veterinary Public Health and Epidemiology degree programme was started at R. S. Pura, from 2008.

The objectives of initiating Masters Degree program was to create a human resource development for the teaching / research institutions and animal/ sheep husbandry department, slaughter houses etc. and to strengthen the research and related infrastructure in the division.

The achievement of the division is that till date 28 MVSc (Masters Degree) degrees have been awarded and the some of the students have been placed at different institutions as shown in the following table.

S. No	Name of the student	Registration No	Degree	Posting
1.	Abhay Partap Singh Khokhar	J-08-MV-65	MVSc	Remount Veterinary Corps
2.	Pradeep Sharma	J-08-MV-54	MVSc	VAS (Uttrakhand)
3.	Najimaana	J-09-MV-124	MVSc	SMS, KVK, SKUAST-Kashmir
4.	Javid Ahmad Lone	J-09-MV-123	MVSc	VAS in UT of J&K
5.	Umar Yusuf	J-09-MV-142	MVSc	VAS in UT of J&K
6.	Nitasha Sambyal	J-10-MV-179	MVSc	Asstt Prof. in Khalsa Vety. College
7.	Javed Ahmed Sheikh	J-10-MV-179	MVSc	VAS in UT of J&K
8.	Sanjolly Gupta	J-12-MV-311	MVSc	Private sector, Pune
9.	Irfan Ali Shah	J-12-MV-305	MVSc	VAS in UT of J&K
10.	Heena Chambyalia	J-14-MV-379	MVSc	VAS in UT of J&K
11.	Irfan Ashraf	J-14-MV-378	MVSc	VAS in UT of J&K
12.	Mudasir Bashir	J-14-MV-382	MVSc	VAS in UT of J&K
13.	Rohini Sharma	J-14-MV-411	MVSc	VAS in UT of J&K
14.	Suhsani Tandon	J-15-MV-431	MVSc	JRF, SKUAST-Jammu

The division is currently working in the following research areas:

- Detection of foodborne pathogens from variety of food stuffs including foods of animal origin is done successfully. It is of help in studying epidemiology of foodborne pathogens including their virulence properties.
- Epidemiology of diseases of socio-economic significance for livestock sector including brucellosis, Q-fever and echinococcosis has been studied.
- Community knowledge and awareness on dreaded disease - Rabies - through research work and extension work has been done extensively.

6.4.2. Faculty Strength:

S. No.	Faculty	Sanctioned Faculty	Faculty in place	Vacant position	Faculty recommended by ICAR/ UGC/ VCI/ other regulatory bodies
1.	Professor	1	-	1	1
2.	Associate Professor	1	1	-	1
3.	Assistant Professors	2	3	-	1

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies
1.	Livestock Assistant	01	01	NA
2.	Field cum Lab Assistant	02	01	
3.	Computer Assistant / Jr Steno	02	01	
4.	Orderly cum Chowkidar/ helper	03	03	

6.4.4. Class Rooms & laboratories:

Degree Programme	No. of classrooms	No. of functional laboratories	Justification	Major Equipment
M.V.Sc. Veterinary Public Health & Epidemiology	1	2	Lab is fully functional for PG Practicals/ Research	UV transilluminator Mini Vertical Electrophoresis Microtissue homogenizer with mechanical timer model: Bacteriological incubator Microprocessor digital model with LED display capacity 95 ltrs. Fluorescent Microscope Dark Field Attachment Phase Contrast Attachment Thermal Cyclor



Laboratory for PG research in the division of Veterinary Public Health and Epidemiology

6.4.5. Conduct of Practical & hands-on-training:

The division has well equipped lab for conduct of practicals. The students have free access to the equipments in the lab for conducting the practical and research under the supervision of faculty.



Hands on training

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty	No. of students per faculty as per RRI	Actual students per faculty supervised (during last five years)
M.V.Sc. . Veterinary Public Health & Epidemiology	07	04 (4*)	03 (PG and Ph.D. combined)	Dr S K Kotwal = 04 DrM.A.Malik=03 Dr M Rashid=03 DrH K Sharma = 04 Dr Maninder Singh =02

**No. of sanctioned faculty*

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Faculty collects the feedback of farmers, livestock owners, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, clinical camps, Clinic visits of the livestock owners, and training programs. This feedback is kept as a consideration in developing research projects and post-graduate research programs. Undergraduate and postgraduate students are also encouraged to provide feedback towards curriculum delivery methods and performance of faculty members.

6.4.8. Student intake attrition in the programme for last five years:

Degree programme	Actual students admitted in Division of VPH and Epidemiology during last five years					Attrition %				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
M.V.Sc. Veterinary Public Health & Epidemiology	1	-	2	7	4	0	-	100*	14.28	0

*Left degree programme to join jobs

6.4.9. ICT Application in Curricula delivery:

The ICT is being used adequately for curricula delivery. The division is provided with internet facility which can be availed by students of all degree programmes. E-Journals, e-books, and online research articles are accessed by the students as well as the faculty. Latest online platforms like Google meet, Zoom, are used for online classes, seminars, examinations etc. All class rooms are fitted with computers, overhead projectors and smart boards.

Faculty uses ICT resources at various avenues for improved functioning. Faculty employs internet for quick, effective, paperless, and traceable mode of communication. Classical classroom teaching has been modified by using projectors for presentations, interactive boards, virtual classes, online examinations, seminars, training programs and viva-voce.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG, PG and PhD Degree Programmes, separately, and to be presented College-wise.

6.4.11. Since the accreditation of Programmes is related to the All India Admission from ICAR and also having weightage for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.

6.4.12. Certificate (Applicable when SSR is submitted for Programme)

I, the **Dean, Faculty of Veterinary Sciences & Animal Husbandry, SKUAST-Jammu** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the College with Date & Seal

15/4/21
F.V. Sc. & A.H.
R. S. Puri

M.V.Sc.
Veterinary Surgery & Radiology

M.V.Sc. Veterinary Surgery & Radiology

6.4.1. Brief history of the degree programme:

M.V.Sc. Veterinary Surgery & Radiology degree programme was started at R. S. Pura, from 2002.

The objective of starting M.V.Sc. degree programme was to meet out the demand of the UG students who passed out from this faculty as such students were otherwise used to take admission in PG programmes of the universities of the other states of the country. Moreover, there used to be very few seats for outsiders in any state. There was also huge demand from the line department *i.e.* department of sheep and animal husbandry to start the PG programme so that the veterinary assistant surgeons may be deputed to undergo PG programme. Hence, the PG programme was started to create human resource for meeting the requirement of line departments, teaching and research institutions and to meet the demand of students who wanted to establish private practice and or join NGOs, Govt. Jobs etc .

The achievement of the division is that many PG pass outs do not run after government job, instead have established their own private clinics and have provided employment opportunities to others. Some of the PG students have been placed at different institutions as shown in the following table.

S.No.	Name of the student	Redg. No	Year	Present /Placement	position
1.	Harbans Lal	J-04-MV-06	2006	VAS	
2.	Shahid Hussain Dar	J-06-MV-21	2009	Assistant Professor	SKUAST-K
3.	Shevatambri Khajuria	J-06-MV-23	2009	VAS, J&K Govt.	
4.	Nazir Ahmad Changal	J-08-MV-73	2010	VAS, J&K Govt.	
5.	Waseem Sultan Wani	J-08-MV-101	2011	VAS, J&K Govt.	
6.	Nasir Altaf Zarger	J-08-MV-102	2011	VAS, J&K Govt.	
7.	Aditya Sharma	J-08-MV-103	2012	RVC	
8.	Amantaj Singh	J-09-MV-125	2013	Pvt. Practitioner	
9.	Summer Preet Singh Bali	J-09-MV-139	2012	Assistant Professor	Pvt. Vety College
10.	Allah Rakha Char	J-09-MV-140	2013	VAS, J&K Govt.	
11.	Gazi Jameel Ahmed	J-09-MV-141	2012	Clinician	New Delhi
12.	Mohd. Iqbal Rather	J-10-MV-175	2013	VAS J&K Govt.	
13.	Inder Pal Singh	J-10-MV-176	2012	Assistant Professor,	Pvt. Vety. College
14.	Khadim Hussain Dar	J-10-MV-177	2012	VAS J&K Govt.	
15.	Amardeep Singh Sodhi	J-10-MV-217	2014	NGO, Bhopal	

16.	Amit Kumar Khajuria	J-11-MV-236	2013	Working in Pvt. Clinic, at New Delhi
17.	Idrees Arafath	J-11-MV-238	2014	Pvt.. Practionier
18.	Kamil Malik	J-12-MV-289	2014	Pvt.. Practionier and NGO
19.	Neha Sharma	J-12-MV-290	2015	Assistant Professor in Pvt college Amritsar .
20.	Amarpreet Singh	J-13-MV-327	2015	NGO at Delhi
21.	Vikas Gaur	J-13-MV-328	2015	VAS, Haryana Govt.
22.	Riyaz Ahmad Wani	J-13-MV-329	-2015	Pvt. Practice
23.	Ashish Mahajan	J-13-MV-330	2015	VAS J&K Govt.
24.	Girjesh Upmanyu	J-14-MV-372	2016	Pvt. Practitioner
25.	Nazeer Ahmad Dar	J-14-MV-373	2018	Working in Pvt. Clinic, Mumbai
26.	Muzahir Ahmad	J-14-MV-375	2016	Pvt. Practitioner
27.	Abhimanyu Chauhan	J-14-MV-376	2016	VAS J&K Govt.
28.	Bilal Ahmed	J-15-MV-421	2017	VAS, J&K Govt .
29.	Mudser Khan	J-15-MV-423	2017	VAS, J&K Govt .
30.	Akshi Arora	J-15-Mv-424	2017	Own pvt. Clinics
31.	Anmol Khajuria	J-15-MV-425	2017	Pvt. Practitioner
32.	Jagdeep Singh Mann	J-15-MV-426	2017	VAS, Punjab Govt.
33.	Indu Bhushan Bassan	J-15-MV-427	2017	VAS, J&K Govt
34.	Gourav Chowdhary	J-15-MV-428	2017	VAS, J&K Govt .
35.	Aradhana Sharma	J-16-MV-465	2018	Pvt. Prac.
36.	Faiza Farooq	J-16-MV-466	2018	Working in Pvt. Clinic, Mumbai
37.	Akashdeep Singh	J-16-MV-467	2016	Pvt. Practitioner
38.	Kartik Sharma	J-16-MV-468	2018	Research Assistant , GADVASU
39.	Latief Ahmad Mir	J-16-MV-469	2018	VAS, J&K Govt .
40.	Jyoti Gupta	J-16-MV-470	2018	VAS, J&K Govt .
41.	Zaid Bashir Tragwal	J-17-MV-511	2019	Pvt. Practitioner
42.	Upasana Sharma	J-17-MV-512	2019	Pvt. Practitioner
43.	Anmol Watal	J-17-MV-513	2019	Working in Pvt. Clinic, Jammu
44.	Shah Niwaz Khan	J-17-MV-514	2019	VAS, J&K Govt .

The division is currently working on the following research areas: reconstruction of canine skin defects with acellular diaphragm xenograft of caprine origin, intussusception bypass surgery in cows, xylazine-ketamine anaesthesia in adult mules working at high altitudes, myelographic studies for diagnosis of spinal cord injuries in canine, long bone fracture management by intramedullary pinning along with hydroxyapatite implant with or without autologous bone marrow transplant in dogs, studies on ocular affections in animals, canine tumours, hoof disorders in dairy cows, surgical affections of urinary tract in ruminants, canine hip dysplasia, conformational defects with respect to lameness in equines, clinico-biochemical prognostic markers in equines with surgical and non-surgical colic, prognostic indicators in intestinal intussusception in cattle with special reference to acute phase proteins and laparoscopic and ultrasound guided biopsy of abdominal organs in dogs has been successful concluded.

6.4.2. Faculty Strength:

S. No.	Faculty	Sanctioned Faculty	Faculty in place	Vacant position	Faculty recommended by ICAR/ UGC/ VCI/ other regulatory bodies
1.	Professor	1	-	1	1
2.	Associate Professor	2	2	-	1
3.	Assistant Professors	3	3	-	3

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies
1.	Livestock Assistant	01	01	NA
2.	Field cum Lab Assistant	02	02	
3.	Computer Assistant / Jr Steno	02	01	
4.	Orderly cum Chowkidar/ helper	03	01	

6.4.4. Class Rooms & laboratories:

Degree Programme	No. of classrooms	No. of functional laboratories	Justification	Major equipment
M.V.Sc. Veterinary Surgery and Radiology	1	1	Labs are fully functional for PG Practicals/ Research	Hydraulic operation table, Boyles Anaesthetic machine, blood gas analyzer, ECG unit, Diathermy unit, acupuncture scope, carbon dioxide incubator, inverted microscope, multiparameter recorder, biochemistry analyzer, pulse oximeter, tranquillization gun



Anaesthesia Lab



PG Seminar Hall



Practical Class rooms of Division of Veterinary Surgery and Radiology

6.4.5. Conduct of Practical & hands-on-training:

Most of the practicals of PG students are demonstrated while attending clinical cases. The students are given free hand to take the history, perform radiographic interpretation, perform ultrasound etc. to arrive at diagnosis under the supervision of the teachers and also allowed to assist and sometimes conduct surgeries. They attend the clinics on all holidays also and thus get ample exposure to handle the clinical cases.



Laparoscopy



Digital Radiography



Radiography



Colour Doppler



Ultrasonography



Video endoscope

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty	No. of students per faculty as per RRI	Actual students per faculty supervised (during last five years)
M.V.Sc. Veterinary Surgery and Radiology	07	04 +04# (6*)	03 (PG & PhD combined)	Dr. M.M. S. Zama-04 Dr. M.S. Bhadwal-05 Dr. H.R. Bhardwaj-05 Dr. Ajay Gupta-03 Dr. R.B. Khushwah-04 Dr. Ashok Kumar-05 Dr. Ankur Sharma-01 Dr. D.K.Dwivedi-01 Dr.Pankaj Gupta-01

*No. of sanctioned faculty
Posted in other divisions

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Faculty collects the feedback of farmers, livestock owners, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, clinical camps, Clinic visits of the livestock owners, and training programs. This feedback is kept as a consideration in developing research projects and post-graduate research programs. Undergraduate and postgraduate students are also encouraged to provide feedback towards curriculum delivery methods and performance of faculty members.

6.4.8. Student intake attrition in the programme for last five years:

Degree programme	Actual students admitted during last five years					Attrition percent				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
M.V.Sc. Veterinary Surgery and Radiology	07	04	05	07	06	-	-	60*	-	33.3

*There was mass recruitment in government departments

6.4.9. ICT Application in Curricula delivery:

The ICT is being used adequately for curricula delivery. The division is provided with internet facility which can be availed by students of all degree programmes. E-Journals, e-books, and online research articles are accessed by the students as well as the faculty. Latest online platforms like Google meet, Zoom, are used for online classes, seminars, examinations etc. All class rooms are fitted with computers, overhead projectors and smart boards.

Faculty uses ICT resources at various avenues for improved functioning. Faculty employs internet for quick, effective, paperless, and traceable mode of communication. Classical classroom teaching has been modified by using projectors for presentations, interactive boards, virtual classes, online examinations, seminars, training programs and viva-voce.

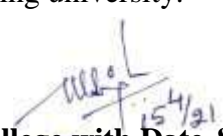
6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG, PG and PhD Degree Programmes, separately, and to be presented College-wise.

6.4.11. Since the accreditation of Programmes is related to the All India Admission from ICAR and also having weightage for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.

6.4.12. Certificate (Applicable when SSR is submitted for Programme)

I, the **Dean, Faculty of Veterinary Sciences & Animal Husbandry, SKUAST-Jammu** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the College with Date & Seal


F.V. So. & A.H.
R. S. Pura

Doctoral Programmes

Ph.D.
Animal Genetics & Breeding

Ph.D. Animal Genetics and Breeding

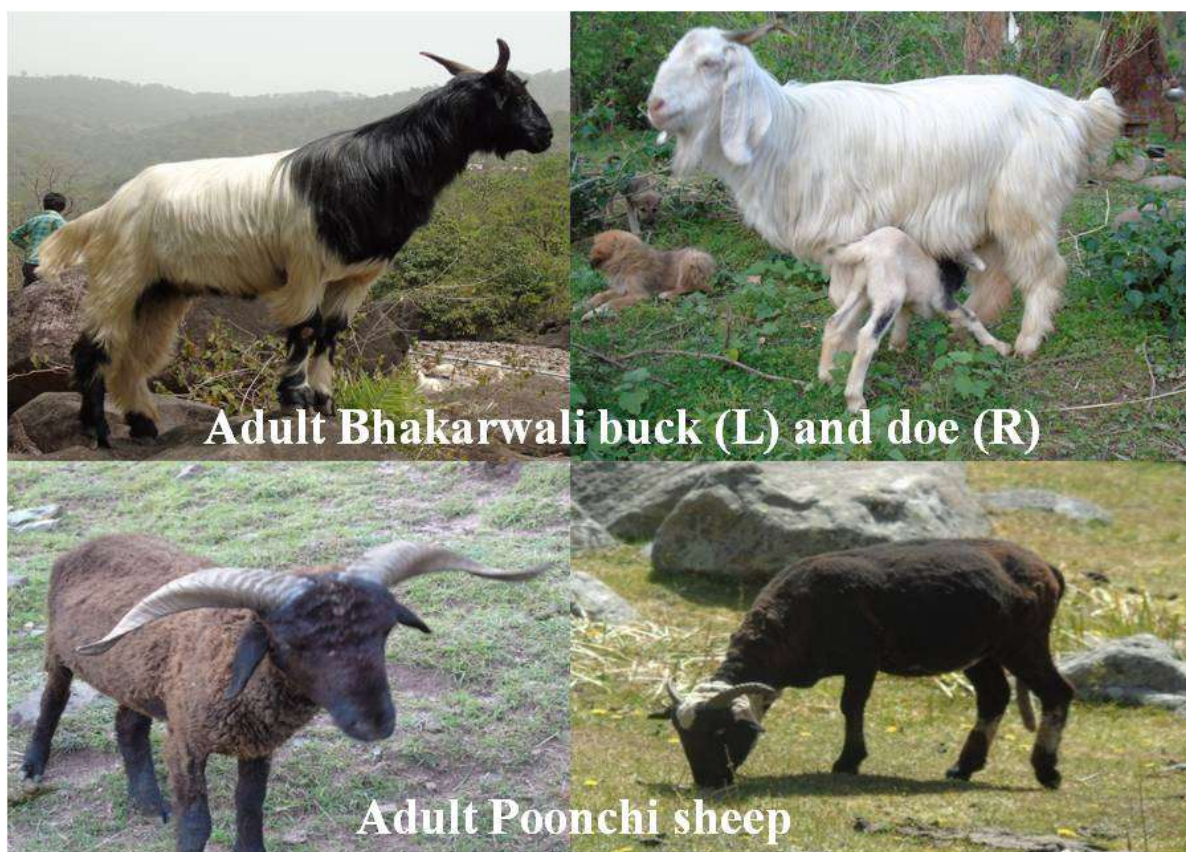
6.4.1. Brief history of the degree programme:

M.V.Sc. Animal Genetics and Breeding degree programme was started at R. S. Pura, from 2005 and first MVSc student was admitted in 2006.

The main objectives of starting the PG programme was to strengthen the research activities of the division and build up more efficient resource persons in the fields of Animal Genetics & Breeding.

The achievement of the division is that till date 20 MVSc (Masters degree) degrees have been awarded and the students have been placed at different institutions as shown in the following table.

Sr. No.	Name	Year of Passing	Placement
1.	Dr. R K Taggar	2011	Professor and Head, SKUAST-Jammu
2.	Dr. Vikas Mahajan	2013	Asstt. Professor, SKUAST-Jammu
3.	Dr. Parul Gupta	2014	SMS, KVK-Rajouri, SKUAST-Jammu
4.	Dr. S. Gurdeep Singh	2018	Veterinary Assistant Surgeon, UT of JK.



Characterization of non-descriptive animal genetic resources of Jammu

The flagship areas of research of the division are characterization of non-descriptive animal genetic resources of Jammu division and identification of genes related to disease resistance and susceptibility. Research areas of the division include characterization of local animal germplasm and till date the students have characterized both phenotypic and molecular characterization in different non-descriptive animal genetic resources namely

Bhakarwali Goat, Purky sheep, Poonchi sheep, Bakerwali sheep, local buffaloes & Poonchi chicken. The division has also worked on different disease resistance genes like TLR4, Lactoferrin, MHC-DYA etc.

The followings are the achievements of the division in research:

- Bhakarwali Goat was registered as indigenous goat breed in ICAR- NBAGR (INDIA_GOAT_0700_BHAKARWALI_06034).
- On field Poonchi Sheep Conservation programme was carried out and progenies were produced.
- Poonchi chicken was phenotypically characterized and applied for registration.

6.4.2. Faculty Strength:

S. No.	Faculty	Sanctioned Faculty	Faculty in place	Vacant position	Faculty recommended by ICAR/ UGC/ VCI/ other regulatory bodies
1.	Professor	1	-	1	1
2.	Associate Professor	3	1	2	1
3.	Assistant Professors	4	3	1	1

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/ BSMA/ other regulatory bodies
1.	Livestock Assistant	01	01	NA
2.	Field cum Lab Assistant	02	02	
3.	Computer Assistant / Jr Steno	01	01	
4.	Orderly cum Chowkidar/ helper	03	03	

6.4.4. Class Rooms & laboratories:

Degree Programme	No. of classrooms	No. of functional laboratories	Justification	Major Equipment
Ph.D. Animal Genetics and Breeding	1	1	Labs are fully functional for Ph.D. Practicals/ Research	PCR thermal cycler UV-transilluminator Ice-Flaking Machine Refrigerated centrifuge

6.4.5. Conduct of Practical & hands-on-training:

The division has well equipped lab for conduct of practicals. The students have free access to the equipments in the lab for conducting the practical and research under the supervision of faculty.

6.4.6. Supervision of students:

Degree programme	Students intake capacity	Qualified faculty	No. of students per faculty as per RRI	Actual students per faculty supervised (during last five years)
Ph.D. Animal Genetics and Breeding	03	04 (08*)	03 (PG & PhD combined)	Dr. R. K. Taggar= 01 Dr. Dibyendu Chakraborty= 01

*Sanctioned faculty

*No. of sanctioned faculty

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Faculty collects the feedback of farmers, livestock owners, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, clinical camps, Clinic visits of the livestock owners, and training programs.

This feedback is kept as a consideration in developing research projects and post-graduate research programs. Undergraduate and postgraduate students are also encouraged to provide feedback towards curriculum delivery methods and performance of faculty members.

6.4.8. Student intake attrition in the programme for last five years:

Degree programme	Actual students admitted in the AGB during last five years					Attrition %				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
Ph.D. Animal Genetics and Breeding	2	-	1	1	-	100*	-	0.00	0.00	-

*Left to take up jobs

6.4.9. ICT Application in Curricula delivery:

The ICT is being used adequately for curricula delivery. The division is provided with internet facility which can be availed by students of all degree programmes. E-Journals, e-books, and online research articles are accessed by the students as well as the faculty. Latest online platforms like Google meet, Zoom, are used for online classes, seminars, examinations etc. All class rooms are fitted with computers, overhead projectors and smart boards.

The division uses ICT resources at various avenues for improved functioning. Faculty employs internet for quick, effective, paperless, and traceable mode of communication. Classical classroom teaching has been modified by using projectors for presentations, interactive boards, virtual classes, online examinations, seminars, training programs and viva-voce.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG, PG and PhD Degree Programmes, separately, and to be presented College-wise.

6.4.11. Since the accreditation of Programmes is related to the All India Admission from ICAR and also having weightage for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.

6.4.12. Certificate (Applicable when SSR is submitted for Programme)

I, the **Dean, Faculty of Veterinary Sciences & Animal Husbandry, SKUAST-Jammu** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the College with Date & Seal

15/4/21
Dean
F.V. Sc. & A.H.
R. S. Pura

Ph.D. Animal Nutrition

6.4.1. Brief history of the degree programme:

Division of Animal Nutrition, SKUAST-Jammu is engaged in incessant improvement and deliverance of Animal Nutrition education to Stakeholders. It is working on developing economical and feasible livestock feeding systems utilizing feed resources of the region for enhanced livestock productivity. The division is imparting under-graduate and post-graduate teaching as well as providing extension services to livestock farmers. The division instituted Ph.D programme in the field of Animal Nutrition in the year 2006. The Division is housed in spacious old building of the Faculty with the infrastructure of a Undergraduate and a post-graduate laboratory along with a well-equipped post-graduate classroom. The Division is also having an experimental animal shed that houses around 40 small ruminants (sheep and goats) for students' and Divisional research. The Division is also acting as a referral centre for feed sample analysis for State Animal Husbandry and Sheep Husbandry Department as well as military farms. The Divisional students were exposed to the experience of hosting various National level events, including VI Biennial Conference of Animal Nutrition Association in 2006; twenty-one days ICAR Winter School on 'Quality control of feed ingredients & compounded feeds' from December 02-22, 2009 and 2nd IAVNAW National Conference in 2013. The division is also regularly organizing refresher courses for Veterinary officers of Sheep husbandry and Animal Husbandry Department, Jammu.

The mission statement of the Division is 'Incessant improvement and deliverance of Animal Nutrition education to Stakeholders.' The Division intends to achieve this by ensuring quality and relevant education at undergraduate and post-graduate levels and using research programs for ensuring effective curriculum delivery and hands on learning.

Animal Nutrition is an important avenue in Animal Husbandry accounting for approximately 70% expenditure in livestock rearing. The objective of starting the PG and PhD programme in the discipline of Animal Nutrition were to create young Animal Nutrition experts well-versed in the techniques, concepts and applications of the subject along-with awareness regarding the issues and research problems in the subject area.

The flagship areas of research for the division identified by the Research Council of the University are:

- Nutrient profiling of regional feedstuffs for formulation of economic rations of livestock.
- Development of farmer friendly fodder preservation, densification and quality enhancement technologies.

The research programmes of the Divisional PG and PhD students are designed in the ambit of these flagship areas while addressing the issues of relevance for local livestock farmers.

Achievements: Till date 4 PhD (Doctoral degree in Animal Nutrition) have been awarded to completed students. These students are well placed in State Agricultural/Veterinary Universities, State Veterinary Departments, administrative services, research projects and private firms as shown in the table below. Divisional students and alumni have also secured major National fellowships including ICAR-SRF and Maulana Azad National Fellowship for Minority.

S. No.	Name of the student	Completion year	Placement
1.	Javid Farooq	2014	Assistant Professor, SKUAST-K
2.	Surender Singh	2016	Assistant Professor, GADVASU
3.	Zulfqar Ul Haq	2017	Project Fellow, SKUAST-K
4.	Shamim Ali	2018	Project Fellow, SKUAST-K

Major research areas of the division include:

- Nutritional characterization of locally available unconventional feedstuffs such as tree leaves, olive meal, Kinnow Mandarin waste, maize cobs, sunflower waste, boiled potato waste, azolla meal and walnut cake.
- Isolation of a rumen liquor fraction with prebiotic activity (patent applied)
- Designing and development of manually operated densification machines using the cold pressing method for densification of completed feed block and multi-nutrient block.
- Formulation of condensed tannins fortified multi-nutrient blocks, complete feed blocks and silage.

6.4.2. Faculty Strength:

S. No.	Faculty	Sanctioned Faculty	Faculty in place	Vacant position	Faculty recommended by ICAR/ UGC/ VCI/ other regulatory bodies
1.	Professor	1	-	1	1
2.	Associate Professor	1	1	-	1
3.	Assistant Professors	2	2	-	1

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies
1.	Field cum Lab Assistant	02	02	NA
2.	Computer Assistant / Jr Steno	-	-	
3.	Orderly cum Chowkidar/ helper	04	04	

6.4.4. Class Rooms & laboratories:

Degree Programme	No. of classrooms	No. of functional laboratories	Justification	Major Equipment
Ph.D. Animal Nutrition	1	1	Labs are fully functional for Ph.D. Practicals/ Research	Deep freeze (-200 C) Hot Air Oven Rotary vacuum evaporator Muffle furnace Incubator UV-Vis Spectrophotometer Vis Spectrophotometer Laboratory balance Soxhlet apparatus Kjeldhal apparatus Crude fibre assembly Table top Centrifuge

6.4.5. Conduct of Practical & hands-on-training:

The division has well equipped lab for conduct of practicals. The students have free access to the equipments in the lab for conducting the practical and research under the supervision of faculty.

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty	No. of students per faculty as per RRI	Actual students per faculty supervised (during last five years)
Ph.D. Animal Nutrition	02	03+1** (04*)	03 (PG & PhD combined)	Dr. R K Sharma: 01 Dr Ankur Rastogi: 01 Dr A K Pathak: Nil Dr nazam Khan: Nil

*No. of sanctioned faculty

** Posted in other division

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Faculty collects the feedback of farmers, livestock owners, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, clinical camps, Clinic visits of the livestock owners, and training programs. This feedback is kept as a consideration in developing research projects and post-graduate research programs. Undergraduate and postgraduate students are also encouraged to provide feedback towards curriculum delivery methods and performance of faculty members.

6.4.8. Student intake attrition in the programme for last five years:

Degree programme	Actual students admitted in the ANN during last five years					Attrition %				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
Ph.D. Animal Nutrition	00	00	01	01	00	0%	0%	0%	0%	0%

6.4.9. ICT Application in Curricula delivery:

The ICT is being used adequately for curricula delivery. The division is provided with internet facility which can be availed by students of all degree programmes. E-Journals, e-books, and online research articles are accessed by the students as well as the faculty. Latest online platforms like Google meet, Zoom, are used for online classes, seminars, examinations etc. All class rooms are fitted with computers, overhead projectors and smart boards.

In view of Covid-19 pandemic, a significant number of undergraduate, postgraduate and doctoral classes and seminars were conducted virtually during last one year. Various file sharing apps, virtual meeting software and collaborative working applications were used for effective curriculum delivery. Examinations were also carried out in virtual mode through Google Forms. Students were encouraged to use an app 'dudharoo', developed by the Division for balanced ration formulation for dairy animals.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG, PG and PhD Degree Programmes, separately, and to be presented College-wise.

6.4.11. Since the accreditation of Programmes is related to the All India Admission from ICAR and also having weightage for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.

6.4.12. Certificate (Applicable when SSR is submitted for Programme)

I, the **Dean, Faculty of Veterinary Sciences & Animal Husbandry, SKUAST-Jammu** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the College with Date & Seal

15/4/21
F.V. So. & A.H.
R. S. Pura

Ph.D.

Livestock Production & Management

Ph.D. Livestock Production Management

6.4.1. Brief history of the degree programme:

Ph.D. in Livestock Production & Management degree programme was started at R. S. Pura, from 2014. Research activities are undertaken regularly on identification of field problem facing by farmers in the region.

The objective is to build human resources par excellence through maintaining high academic standards of curriculum, teaching and learning; conducting basic, strategic and applied research in the frontline areas of dairy and poultry production and popularization and dissemination of livestock and poultry production technologies to farmers through technical advisories. At present there are three working scientists and other supporting staff. The human resource of the division has been an amalgamated representation from various parts of the country and Efforts are also being made to foster and strengthen collaborative linkages with national / international organizations in mutual areas of interest in research.

Achievements: Till date 03 PhD (Doctoral degree) have been awarded to completed students. Placement of some of the Ph.D. students is given in the table below:

S.No	Name of Student	Reg. No	Degree completed	Placement
1.	Ankush Proch	J-10-MV-171	M.V.Sc., Ph.D.	Asstt. Prof.GADVASU, Bhatinda
2.	Sandeep Kaur	J-14-D-76-V	M.V.Sc., Ph.D.	Completed PhD in Sept 2019
3.	Iqra Khursheed	J-14-D-75-V	M.V.Sc., Ph.D.	Completed PhD in Sept 2019

Major accomplishments of the division in the field of research are as follows:

- Recalibration of THI for dairy animals of Jammu region
- Infrared thermography as non-invasive means for monitoring heat stress
- Validation of mist system and air cooler as effective means for reducing heat stress of animals.
- Integrated faming model of poultry sheds on dykes of fish ponds The model showed potential that income could be tripled from .1 hectare of pond.
- Improved milk production, reproductive performance through UMMB supplementation.
- Intervention on improved udder hygiene through teat dips for clean milk production

6.4.2. Faculty Strength:

S. No.	Faculty	Sanctioned Faculty	Faculty in place	Vacant position	Faculty recommended by ICAR/ UGC/ VCI/ other regulatory bodies
1.	Professor	1	-	1	1
2.	Associate Professor	2	1	1	1
3.	Assistant Professors	5	3	2	2

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies
1.	Field cum Lab Assistant	03	02	NA
2.	Computer Assistant / Jr Steno	02	01	
3.	Orderly cum Chowkidar/ helper	05	03	

6.4.1. Class Rooms & laboratories:

Degree Programme	No. of classrooms	No. of functional laboratories	Justification	Major Equipment
Ph.D. Livestock Production and Management	1	1	Labs are fully functional for Ph.D. Practicals/ Research	Semi-Auto chemistry analyser PCR machine Real time PCR system Laminar air flow (horizontal) Laminar air flow (Vertical) Refrigerated centrifuge Electrophoresis unit Vertical Electrophoresis unit horizontal Gel illuminator Weighing Balance Bench Centrifuge machine Cell imaging sytem Ice flaking machine Thermal Imaging system Pulse oximeter CCTV surveillance system Incubator Co2 Incubator pH Meter

6.4.2. Conduct of Practical & hands-on-training:

The division has well equipped lab for conduct of practicals. The students have free access to the equipments in the lab for conducting the practical and research under the supervision of faculty.

6.4.3. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty	No. of students per faculty as per RRI	Actual students per faculty supervised (during last five years)
Ph.D. Livestock Production & Management	02	03+1** (08*)	03 (PG & PhD combined)	Dr. Asma Khan= 02 Dr Sahar Masud=01

* No. of sanctioned qualified positions

** Posted in other division

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Faculty collects the feedback of farmers, livestock owners, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, clinical camps, Clinic visits of the livestock owners, and training programs. This feedback is kept as a consideration in developing research projects and post-graduate research programs. Undergraduate and postgraduate students are also encouraged to provide feedback towards curriculum delivery methods and performance of faculty members.

6.4.8. Student intake attrition in the programme for last five years:

Degree programme	Actual students admitted in the LPM during last five years					Attrition %				
	2016	2017	2018	2019	2020	2016	2017	2018	2019	2020
Ph.D.										
Livestock	-17	-18	-19	-20	-21	-17	-18	-19	-20	-21
Production & Management	01	00	01	0	0	100	0	0	0	0

6.4.9. ICT Application in Curricula delivery:

The ICT is being used adequately for curricula delivery. The division is provided with internet facility which can be availed by students of all degree programmes. E-Journals, e-books, and online research articles are accessed by the students as well as the faculty. Latest online platforms like Google meet, Zoom, are used for online classes, seminars, examinations etc. All class rooms are fitted with computers, overhead projectors and smart boards.

Since March 2020, in view of Covid-19 pandemic, undergraduate, postgraduate and doctoral classes (theory and practical) have been carried out on online mode. The popular Google Meet platform is used to communicate with the students through MS-Power Point presentations, e-links to internet technical resources and popular websites for student training in disease diagnosis, sharing e-books and bulletins in WhatsApp groups created for the purpose. Moreover, exercises and examinations were also carried out in virtual mode through Google Forms. The students are also provided with laboratory manuals in print as well as digital form for ready reference.

Link to e-resources:

<https://classroom.google.com/u/0/c/MjUwNDIzMTY2MzA2>

<https://classroom.google.com/u/0/c/MjQwNzI2NTc1MDY1>

<https://classroom.google.com/u/0/c/MTczMzU5MjE0NDc3>

<https://classroom.google.com/u/0/c/MjMxNjE4NDQ2ODI2>


6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG, PG and PhD Degree Programmes, separately, and to be presented College-wise.

6.4.11. Since the accreditation of Programmes is related to the All India Admission from ICAR and also having weightage for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.

6.4.12. Certificate (Applicable when SSR is submitted for Programme)

I, the **Dean, Faculty of Veterinary Sciences & Animal Husbandry, SKUAST-Jammu** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the College with Date & Seal


F.V. Sc. & A.H.
R. S. Pura

Ph.D.

Livestock Products Technology

Ph.D. Livestock Products Technology

6.4.1. Brief history of the degree programme:

Division of Livestock Products Technology was started as a separate division at SKUAST-J in 1999 with emphasis on meat technology, dairy technology, animal by-products technology, quality control, packaging and value addition.

Objective: Ph.D. programme was started in 2014 with initial intake of one student in the division to cater the need of scientific manpower and human resource development in the sector. The division has been remained instrumental in serving the society through awareness and entrepreneurship development training programmes on clean milk and meat production, livestock products processing, packaging, product development, and value addition with a particular focus on rural women, unemployed youth, and farmers. The essential elements are to incorporate the technical skills that encourage the initiatives of rural entrepreneurs and to enhance the human capacities required to foster competitive entrepreneurial dynamism.

The achievement of the division is that till date 03 PhD (Doctoral degree) degrees have been awarded and the students have been placed at different institutions as shown in the following table.

S.No.	Name with address	Degree completed	Present Designation/ Occupation
1.	Simranjeet Kaur	Ph.D.	Assistant Professor, LPT, GADVASU
2.	Sourab Dua	Ph.D.	VAS, J&K Govt.

The division has been working on the following research areas

- Development of meat fortified chocolate
- Development of chicken and fish meat khokha
- Development of chhana delight
- Development of ghee residue based burfi (Ghurfi)
- Development of *Commiphora wightii* and *Rubia cordifolia* incorporated edible film

6.4.2. Faculty Strength:

S. No.	Faculty	Sanctioned Faculty	Faculty in place	Vacant position	Faculty recommended by ICAR/ UGC/ VCI/ other regulatory bodies
1.	Professor	1	-	1	1
2.	Associate Professor	2	1	1	1
3.	Assistant Professors	3	2	1	2

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies
1.	Livestock Assistant	01	01	NA
2.	Field cum Lab Assistant	03	02	
3.	Computer Assistant / Jr Steno	02	02	
4.	Orderly cum Chowkidar/ helper	03	02	

6.4.4. Class Rooms & laboratories:

Degree Programme	No. of classrooms	No. of functional laboratories	Justification	Major Equipments
Ph.D. Livestock Products Technology	1	1	Labs are fully functional for Ph.D. Practicals/ Research	Digital pH meter Hot plate with magnetic stirrer Printer Digital pH meter Refrigerator Deep freezer Hand mixer Mixer grinder Texture Analyser with its accessories Spectrophotometer with Kinetics Refrigerated Centrifuge Lyophilizer Laptop Online UPS 3 KVA

6.4.5. Conduct of Practical & hands-on-training:

The division has well equipped lab for conduct of practicals. The students have free access to the equipments in the lab for conducting the practical and research under the supervision of faculty.

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty	No. of students per faculty as per RRI	Actual students per faculty supervised (during last five years)
Ph.D. Livestock Products Technology	01	03 (06*)	03 (PG & PhD combined)	Dr. Sunil Kumar = 03

**No. of sanctioned faculty*

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Faculty collects the feedback of farmers, livestock owners, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, clinical camps, Clinic visits of the livestock owners, and training programs. This feedback is kept as a consideration in developing research projects and post-graduate research programs. Undergraduate and postgraduate students are also encouraged to provide feedback towards curriculum delivery methods and performance of faculty members.

6.4.8. Student intake attrition in the programme for last five years:

Degree programme	Actual students admitted in the FVSc & AH during last five years (LPT Division)					Attrition %				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
Ph.D. Livestock Products Technology	-	1	1	-	1	Nil	Nil	Nil	Nil	Nil

6.4.9. ICT Application in Curricula delivery:

The ICT is being used adequately for curricula delivery. The division is provided with internet facility which can be availed by students of all degree programmes. E-Journals, e-books, and online research articles are accessed by the students as well as the faculty. Latest online platforms like Google meet, Zoom, are used for online classes, seminars, examinations etc. All class rooms are fitted with computers, overhead projectors and smart boards.

The division uses ICT resources at various avenues for improved functioning. The division employs internet for quick, effective, paperless, and traceable mode of communication. Classical classroom teaching has been modified by using projectors for presentations, interactive boards, virtual classes, online examinations, seminars, training programs and viva-voce.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG, PG and PhD Degree Programmes, separately, and to be presented College-wise.

6.4.11. Since the accreditation of Programmes is related to the All India Admission from ICAR and also having weightage for College accreditation, therefore the data presented in the section 6.4is liable to the verification at any stage.

6.4.12. Certificate (Applicable when SSR is submitted for Programme)

I, the **Dean, Faculty of Veterinary Sciences & Animal Husbandry, SKUAST-Jammu** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the College with Date & Seal

15/4/21
F.V. Sc. & A.H.
R. S. Pura

Ph.D. Veterinary Anatomy

Ph.D. Veterinary Anatomy

6.4.1. Brief history of the degree programme:

Ph. D. Veterinary Anatomy degree programme was started at R. S. Pura, from 2009.

The objective was to create human resource and their development for the teaching / research institutions and animal/ sheep husbandry department, slaughter houses etc. and to strengthen the research and related infrastructure in the division.

The achievement of the division is that Ph. D. students have been placed at different institutions as shown in the following table.

S. No	Name of Student	Regd. No.	Degree	Placement
1.	Mohd. Yousuf Dar	J-13-D-57-V	Ph.D	Assistant Professor, Division of Vety. Anatomy at SVPUAT, Meerut.
2.	Neelofar Nabi	J-15-D-93-V	Ph.D	Assistant Professor, Tania University, Shri Ganganagar, Rajasthan

The division is involved in conducting research on the anatomical profiling of the indigenous breeds such as Bakerwali goats and Poonchi chicken.

6.4.2. Faculty Strength:

S. No.	Faculty	Sanctioned Faculty	Faculty in place	Vacant position	Faculty recommended by ICAR/ UGC/ VCI/ other regulatory bodies
1.	Professor	1	-	1	1
2.	Associate Professor	2	2	-	1
3.	Assistant Professors	4	1	3	2

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies
1.	Livestock Assistant	01	01	NA
2.	Field cum Lab Assistant	01	01	
3.	Computer Assistant / Jr Steno	02	01	
4.	Orderly cum Chowkidar/ helper	03	03	

6.4.4. Class Rooms & laboratories:

Degree Programme	No. of classrooms	No. of functional laboratories	Justification	Major equipment
Ph.D. Veterinary Anatomy	1	1	Labs are fully functional for Ph.D. Practicals/ Research	Trinocular Microscope with Fluorescence attachment and camera Biological incubator Rotary Microtome Monocular Microscope Multimedia Projector HP Printer Photocopier HP Desktop Computer

6.4.5. Conduct of Practical & hands-on-training:

The division has the required osteology lab., splancnology lab., histology labs., to cater to the needs of the PG/Ph.D. students. The division also utilizes the e resources to conduct some of the practicals.

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty	No. of students per faculty as per RRI	Actual students per faculty supervised (during last five years)
Ph.D. Veterinary Anatomy	02	02 (07*)	03 (PG & PhD combined)	Dr. Shalini Suri = 02 Dr. Kamal Sarma = 01

**No. of sanctioned faculty*

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Faculty collects the feedback of farmers, livestock owners, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, clinical camps, Clinic visits of the livestock owners, and training programs. This feedback is kept as a consideration in developing research projects and post-graduate research programs. Undergraduate and postgraduate students are also encouraged to provide feedback towards curriculum delivery methods and performance of faculty members.

6.4.8. Student intake attrition in the programme for last five years:

Degree Programme	Actual students admitted during last five years					Percentage attrition				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
Ph.D. Veterinary Anatomy	01	---	---	01	---	100	---	---	---	---

6.4.9. ICT Application in Curricula delivery:

The ICT is being used adequately for curricula delivery. The division is provided with internet facility which can be availed by students of all degree programmes. E-Journals, e-books, and online research articles are accessed by the students as well as the faculty. Latest online platforms like Google meet, Zoom, are used for online classes, seminars, examinations etc. All class rooms are fitted with computers, overhead projectors and smart boards.

Faculty uses ICT resources at various avenues for improved functioning. Faculty employs internet for quick, effective, paperless, and traceable mode of communication. Classical classroom teaching has been modified by using projectors for presentations, interactive boards, virtual classes, online examinations, seminars, training programs and viva-voce.


6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG, PG and PhD Degree Programmes, separately, and to be presented College-wise.

6.4.11. Since the accreditation of Programmes is related to the All India Admission from ICAR and also having weightage for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.

6.4.12. Certificate (Applicable when SSR is submitted for Programme)

I, the Dean, Faculty of Veterinary Sciences & Animal Husbandry, SKUAST-Jammu hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the College with Date & Seal


F.V. Sc. & A.H.
R. S. Pura

Ph.D.
Veterinary & Animal Husbandry
Extension Education

Ph.D. Veterinary and Animal Husbandry Extension Education

6.4.1. Brief history of the degree programme:

Ph.D. Veterinary and Animal Husbandry Extension Education degree programme was started at R. S. Pura, from 2014.

Objective: to impart quality and need based education to students for developing and strengthening human resource in Veterinary & Animal Husbandry Extension Education and livestock development through adoption & diffusion of improved animal husbandry practices & dissemination of scientific information to livestock farmers.

Achievement: Total PhD students passed out till date: 02 (In- service students)

6.4.2. Faculty Strength:

S. No.	Faculty	Sanctioned Faculty	Faculty in place	Vacant position	Faculty recommended by ICAR/ UGC/ VCI/ other regulatory bodies
1.	Professor	1	-	1	1
2.	Associate Professor	1	-	1	1
3.	Assistant Professors	2	2	-	1

6.4.2. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies
1.	Livestock Assistant	01	01	NA
2.	Field cum Lab Assistant	01	01	
3.	Computer Assistant / Jr Steno	02	01	
4.	Orderly cum Chowkidar/ helper	03	03	

6.4.4. Class Rooms & laboratories:

Degree Programme	No. of classrooms	No. of functional laboratories	Justification	Major Equipment
Ph.D. Veterinary and Animal Husbandry Extension Education	1	1	Labs are fully functional for Ph.D. Practicals/ Research	-

6.4.5. Conduct of Practical & hands-on-training:

The division has well equipped lab for conduct of practicals. The students have free access to the equipments in the lab for conducting the practical and research under the supervision of faculty.

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty	No. of students per faculty as per RRI	Actual students per faculty supervised (during last five years)
Ph.D. Veterinary and Animal Husbandry Extension Education	01	02 (04*)	03 (PG & PhD combined)	Dr. S.A. Khandi=01 **Dr. P.S. Slathia=01

*No. of sanctioned faculty

** Division of Agricultural Extension Education

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Faculty collects the feedback of farmers, livestock owners, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, clinical camps, Clinic visits of the livestock owners, and training programs. This feedback is kept as a consideration in developing research projects and post-graduate research programs. Undergraduate and postgraduate students are also encouraged to provide feedback towards curriculum delivery methods and performance of faculty members.

6.4.8. Student intake attrition in the programme for last five years:

Degree programme	Actual Students admitted in the division during last 5 years					Attrition (%)				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
Ph.D. Veterinary and Animal Husbandry Extension Education	3	1	-	1	-	0	0	-	0	-

6.4.9. ICT Application in Curricula delivery:

The ICT is being used adequately for curricula delivery. The division is provided with internet facility which can be availed by students of all degree programmes. E-Journals, e-books, and online research articles are accessed by the students as well as the faculty. Latest online platforms like Google meet, Zoom, are used for online classes, seminars, examinations etc. All class rooms are fitted with computers, overhead projectors and smart boards.

The division uses ICT resources at various avenues for improved functioning. The division employs internet for quick, effective, paperless, and traceable mode of communication. Classical classroom teaching has been modified by using projectors for presentations, interactive boards, virtual classes, online examinations, seminars, training programs and viva-voce.

The division has developed two online modules for Broiler farming and Dairy farming

- Link for web module on Broiler Farming: <http://skuast.org/biolearn/index.html>
- Link for web module on scientific dairy practices: <https://skuast.org/WMSDP>


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6.4.12. Certificate (Applicable when SSR is submitted for Programme)

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Signature of Dean of the College with Date & Seal


F.V. So. & A.H.
R. S. Pura

Ph.D.
Veterinary Gynaecology & Obstetrics

Ph.D. Veterinary Gynaecology & Obstetrics

6.4.1. Brief history of the degree programme:

The PhD was in the discipline of Veterinary Gynaecology and Obstetrics (previously titled as Animal Reproduction, Gynaecology & Obstetrics) was started in the year 2007 with the intake capacity of 7 and 3 seats.

The objective behind starting the PG and PhD programmes was to generate the more and more advanced human resource in this field so that reproductive and gynaecological problems could be tackled in more efficient ways with the advanced treatments by the PGs.

Achievement of the division is that till date a total of 24 MVSc and 7 PhD students have passed out from this division in the discipline of Veterinary Gynaecology and Obstetrics. During the period of last five years viz. 2016-2021 05 PhD students have passed from this division.

6.4.2. Faculty Strength:

S. No.	Faculty	Sanctioned Faculty	Faculty in place	Vacant position	Faculty recommended by ICAR/ UGC/ VCI/ other regulatory bodies
1.	Professor	1	-	1	1
2.	Associate Professor	2	1	1	1
3.	Assistant Professors	5	4	1	3

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies
1.	Livestock Assistant	01	01	NA
2.	Field cum Lab Assistant	03	02	
3.	Computer Assistant / Jr Steno	02	01	
4.	Orderly cum Chowkidar/ helper	03	02	

6.4.4. Class Rooms & laboratories:

Degree Programme	No. of classrooms	No. of functional laboratories	Justification	Major Equipment
Ph.D. Veterinary Gynaecology and Obstetrics	1	1	Labs are fully functional for Ph.D. Practicals/ Research	Vertical Deep Freezer Stereozoom Microscope Binocular Microscope Double Distillation Water Bath Incubator shaker (MAC) Microprocessor controlled Cryocan BA – 35 with Canister CC without BAG-A Cryocan TA-55 without Student Microscope Electronic Monopan Weighing Balance Table Top General Purpose Centrifuge Machine Cold Cabinet Partec ploidy analyser II Laminar flow Straw freezing rack Autoclave Cabon di-oxide incubator Digital Photoelectric Colorimeter Spectrophotometer Electronic Balance Embryo Freezer Model ETO Sterlizer Machine Automatic Stereozoom Microscope Phase Contrast Microscope with photography

6.4.5. Conduct of Practical & hands-on-training:

The division has well equipped lab for conduct of practicals. The students have free access to the equipments in the lab for conducting the practical and research under the supervision of faculty. Moreover, most of the practicals are demonstrated on clinical cases in the TVCC, where a large number of patients of all species are attended by the students under supervision. Thus they get hands on training in clinics on live patients.

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty	No. of students per faculty as per RRI	Actual students per faculty supervised (during last five years)
Ph.D. Veterinary Gynaecology & Obstetrics	03	02 (08*)	03 (PG & PhD combined)	Dr Utsav Sharma-4 Dr Nishi Pande-1

**No. of sanctioned faculty*

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Faculty collects the feedback of farmers, livestock owners, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, clinical camps, Clinic visits of the livestock owners, and training programs. This feedback is kept as a consideration in developing research projects and post-graduate research programs. Undergraduate and postgraduate students are also encouraged to provide feedback towards curriculum delivery methods and performance of faculty members.

6.4.8. Student intake attrition in the programme for last five years:

Degree Programme	Actual students admitted in the FVSc & AH during the last five years					Attrition %				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
Ph.D. Veterinary Gynaecology & Obstetrics	-	-	01	03	-	-	-	1* (100%)	2* (66.67%)	-

*Selected in Govt. Jobs

6.4.9. ICT Application in Curricula delivery:

The ICT is being used adequately for curricula delivery. The division is provided with internet facility which can be availed by students of all degree programmes. E-Journals, e-books, and online research articles are accessed by the students as well as the faculty. Latest online platforms like Google meet, Zoom, are used for online classes, seminars, examinations etc. All class rooms are fitted with computers, overhead projectors and smart boards.

The division uses ICT resources at various avenues for improved functioning. The division employs internet for quick, effective, paperless, and traceable mode of communication. Classical classroom teaching has been modified by using projectors for presentations, interactive boards, virtual classes, online examinations, seminars, training programs and viva-voce.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG, PG and PhD Degree Programmes, separately, and to be presented College-wise.

6.4.11. Since the accreditation of Programmes is related to the All India Admission from ICAR and also having weightage for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.

6.4.12. Certificate (Applicable when SSR is submitted for Programme)

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Signature of Dean of the College with Date & Seal

15/4/21
F.V. Sc. & A.H.
R. S. Pura

Ph.D. Veterinary Medicine

Ph.D. Veterinary Medicine

6.4.1. Brief history of the degree programme:

Division of Veterinary Medicine came in existence in November, 2011 with the merger of erstwhile Divisions of Veterinary Clinical Medicine & Jurisprudence and Division of Veterinary Epidemiology and Preventive Medicine under aegis of Faculty of Veterinary Sciences & A.H. created since 2001 as per revised VCI guidelines.

Division is actively involved in undergraduate and postgraduate teaching programmes. MVSc degree programme in the discipline of Veterinary Medicine were framed and implemented since the year 2004.

The major objectives of starting the programmes were to impart specialized education of Veterinary Medicine to master and doctoral students in order to create trained human resource, conducting research in different spheres of Veterinary medicine based on field problems and academic requirements as well as extension of research results to line departments and directly to other stakeholders.

The achievement of the division is that PhD students have been placed at different institutions as shown in the following table.

S. No.	Name	Reg.No.	Year of Placement	Placement
1.	Shafayat A. Baig,	J-10-D-26V	14-8-2014	Assistant Professor, Division of Veterinary Medicine, FVSC & AH, SKUAST-Kashmir, Shuhama
2.	Mohsina Mushtaq	J-15-D-94-V	14-10-2019	Assistant Professor, Department of Veterinary Medicine, COVSc, GADVASU, Rampuraphull campus
3.	Gagan Deep Singh	J-13-D-51-V	14-10-2019	Assistant Professor, Department of Veterinary Medicine, COVSc, GADVASU, Rampuraphull campus
4.	Azhar Shuaib Batoo	J-14-D-88-V	22-4-2019	Veterinary Assistant Surgeon, Department of Animal Husbandry, UT of J&K, Kashmir
5.	Sidhu Barian	J-15-D-95-V	5-9-2019	Veterinary Assistant Surgeon, Department of Sheep Husbandry, UT of J&K, Jammu

The division has achieved major achievements in the following research area:

- Developed area specific mineral mixture to mitigate the problem of macro and trace mineral deficiencies among livestock from various districts of Jammu division.
- Developed protocol for management of lameness and mastitis in the dairy animals.
- Established molecular diagnostic markers for early detection of production diseases in buffaloes.

6.4.2. Faculty Strength:

S. No.	Faculty	Sanctioned Faculty	Faculty in place	Vacant position	Faculty recommended by ICAR/ UGC/ VCI/ other regulatory bodies
1.	Professor	1	1	-	1
2.	Associate Professor	3	2	1	1
3.	Assistant Professors	6	6	-	3

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies
1.	Field cum Lab Assistant	03	02	NA
2.	Computer Assistant / Jr Steno	02	02	
3.	Orderly cum Chowkidar/ helper	05	05	

6.4.4. Class Rooms & laboratories:

Degree Programme	No. of classrooms	No. of functional laboratories	Justification	Major Equipment
Ph.D. Veterinary Medicine	1	5	Labs are fully functional for Ph.D. Practicals/ Research	Spectrophotometer Kinetic Gel Documentation System Atomic Absorption Spectrophotometer Ultra-Low Temperature Freezer Fluoride and Iodine Ion Electrode Spectrometer with Nano Volume Identification Blood chemistry analyzer Electronic Monopan weighing balance Somatic cell counter

6.4.5. Conduct of Practical & hands-on-training:

The division has well equipped lab for conduct of practicals. The students have free access to the equipments in the lab for conducting the practical and research under the supervision of faculty. Moreover, most of the practicals are demonstrated on clinical cases in the TVCC, where a large number of patients of all species are attended by the students under supervision. Thus they get hands on training in clinics on live patients.

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty	No. of students per faculty as per RRI	Actual students per faculty supervised (during last five years)
Ph.D. Veterinary Medicine	02	07 (10*)	03 (PG & PhD combined)	Dr S K Gupta=01 Dr. Rajiv Singh=01 Dr. Rajesh Agrawal=01 Dr J S Soodan=01 Dr V S Wazir=01 Dr Kafil Hussain=01

**No. of sanctioned faculty*

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Faculty collects the feedback of farmers, livestock owners, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, clinical camps, Clinic visits of the livestock owners, and training programs. This feedback is kept as a consideration in developing research projects and post-graduate research programs. Undergraduate and postgraduate students are also encouraged to provide feedback towards curriculum delivery methods and performance of faculty members.

6.4.8. Student intake attrition in the programme for last five years:

Degree programme	Actual students admitted in the FVSc & AH during last five years					Attrition (%)				
	2016	2017	2018	2019	2020	2016	2017	2018	2019	2020
Ph.D. Veterinary Medicine	-	2	1	1	1	-	100*	-	-	-

**In the year 2017-18 the students admitted in PhD got recruited in Govt. Jobs.*

6.4.9. ICT Application in Curricula delivery:

The ICT is being used adequately for curricula delivery. The division is provided with internet facility which can be availed by students of all degree programmes. E-Journals, e-books, and online research articles are accessed by the students as well as the faculty. Latest online platforms like Google meet, Zoom, are used for online classes, seminars, examinations etc. All class rooms are fitted with computers, overhead projectors and smart boards.

Faculty uses ICT resources at various avenues for improved functioning. Faculty employs internet for quick, effective, paperless, and traceable mode of communication. Classical classroom teaching has been modified by using projectors for presentations, interactive boards, virtual classes, online examinations, seminars, training programs and viva-voce.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG, PG and PhD Degree Programmes, separately, and to be presented College-wise.

6.4.11. Since the accreditation of Programmes is related to the All India Admission from ICAR and also having weightage for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.

6.4.12. Certificate (Applicable when SSR is submitted for Programme)

I, the **Dean, Faculty of Veterinary Sciences & Animal Husbandry, SKUAST-Jammu** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the College with Date & Seal

15/4/21
F.V. So. & A.H.
R. S. Pura

Ph.D.
Veterinary Microbiology

Ph.D. Veterinary Microbiology

6.4.1. Brief history of the degree programme:

Ph.D. Veterinary Microbiology degree programme was started at R. S. Pura, from 2007.

Objective: to carry out teaching for the postgraduate students in veterinary microbiology and immunology as well as veterinary laboratory diagnosis courses; identification, characterization of animal microbes; Conservation, maintenance, surveillance and utilization for R & D; to develop practically applicable diagnostic techniques for lab-to-land transfer of technology and for dissemination and updating of knowledge to field veterinarians to facilitate disease diagnosis in the field.

Achievement: Some of the placements of the pass outs from the division are as under:

Name	Regd. No.	Year of award of Degree	Placement
Faizan Javid	J-16-D-109-V	2016	Veterinary Assistant Surgeon
Gulzar Ahmed Badroo	J-12-D-47-V	2016	Govt. Medical College, Anantnag-Kashmir

The division is currently working on the following research areas:

- Characterisation of enteropathogenic *Escherichia coli* from domestic animals for virulence gene and colonisation factors from faecal samples of the domestic animals and poultry birds.
- Molecular typing and antibiogram of field isolates of *Pasteurella multocida* from livestock of Jammu region to place on record the important serogrouping of the organism. From sheep and poultry serogroup A and from buffaloes serogroup B was isolated.
- Occurrence of livestock-associated, methicillin resistant *staphylococcus aureus* among the domestic animals.
- Molecular genetic analysis of *Dichelobacter nodosus* acidic protease isoenzyme 2 in clinical samples from sheep flocks of Jammu and Kashmir for expression of genes for vaccine production against the foot rot disease prevailing in the state.
- Genetic characterization of *Dichelobacter nodosus* and expression of its *fim A* gene for development of recombinant vaccine production.

6.4.3. Faculty Strength:

S. No.	Faculty	Sanctioned Faculty	Faculty in place	Vacant position	Faculty recommended by ICAR/ UGC/ VCI/ other regulatory bodies
1.	Professor	1	-	1	1
2.	Associate Professor	2	-	-	1
3.	Assistant Professors	2	1+2*	-	2

*Contractual faculty

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies
1.	Field cum Lab Assistant	02	01	NA
2.	Computer Assistant / Jr Steno	02	01	
3.	Orderly cum Chowkidar/ helper	03	01	

6.4.4. Class Rooms & laboratories:

Degree Programme	No. of classrooms	No. of functional laboratories	Justification	Major Equipment
Ph.D. Veterinary Microbiology	1	1	Labs are fully functional for Ph.D. Practicals/ Research	NGS Data Analysis Software with Server 2 KVA Online Thermomixer Centrifuge Refrigerated Master Cycler Vertical Electrophoresis Orbital Shaker

6.4.5. Conduct of Practical & hands-on-training:

The division has well equipped lab for conduct of practicals. The students have free access to the equipments in the lab for conducting the practical and research under the supervision of faculty.

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty	No. of students per faculty as per RRI	Actual students per faculty supervised (during last five years)
Ph.D. Veterinary Microbiology	02	01(05*)	03 (PG & PhD combined)	Dr. Anil Taku**=3

*No. of sanctioned faculty

** Dr. Anil Taku retired in 2020

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Faculty collects the feedback of farmers, livestock owners, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, clinical camps, Clinic visits of the livestock owners, and training programs. This feedback is kept as a consideration in developing research projects and post-graduate research programs. Undergraduate and postgraduate students are also encouraged to provide feedback towards curriculum delivery methods and performance of faculty members.

6.4.8. Student intake attrition in the programme for last five years:

Degree programme	Actual students admitted in the VMC during last five years					Attrition %				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
Ph.D. Veterinary Microbiology	1	1	0	0	0	0	0	0	0	0

6.4.9. ICT Application in Curricula delivery:

The ICT is being used adequately for curricula delivery. The division is provided with internet facility which can be availed by students of all degree programmes. E-Journals, e-books, and online research articles are accessed by the students as well as the faculty. Latest online platforms like Google meet, Zoom, are used for online classes, seminars, examinations etc. All class rooms are fitted with computers, overhead projectors and smart boards.

Faculty uses ICT resources at various avenues for improved functioning. Faculty employs internet for quick, effective, paperless, and traceable mode of communication. Classical classroom teaching has been modified by using projectors for presentations, interactive boards, virtual classes, online examinations, seminars, training programs and viva-voce.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG, PG and PhD Degree Programmes, separately, and to be presented College-wise.

6.4.11. Since the accreditation of Programmes is related to the All India Admission from ICAR and also having weightage for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.

6.4.12. Certificate (Applicable when SSR is submitted for Programme)

I, the **Dean, Faculty of Veterinary Sciences & Animal Husbandry, SKUAST-Jammu** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the College with Date & Seal

15/4/21
F.V. Sc. & A.H.
R. S. Pura

Ph.D.
Veterinary Parasitology

Ph.D. Veterinary Parasitology

6.4.1. Brief history of the degree programme:

Ph. D. Veterinary Parasitology degree programme was started at R. S. Pura, from 2007.

Ojectives to fill the research gap to improve production of livestock of Jammu, to provide trained human resource to the state for diagnosis and control of parasitic diseases, and human resource development for the teaching / research institutions and animal/ sheep husbandry department.

The achievement of the division is that PG students have been placed at different institutions as shown in the following table.

S. No.	Name	Degree/Year	Placements
1.	Dr. J.K. Khajuria	PhD/2010	Professor (Retd.), Division of Veterinary Parasitology, SKUAST-J
2.	Dr. Anish Yadav	PhD/2010	Professor, Division of Veterinary Parasitology, SKUAST-J
3.	Dr. Sahil Kumar	PhD/2016	FCLA, Division of Veterinary Parasitology, SKUAST-J
4.	Dr. Sanku Borkataki	PhD/2017	Assistant Professor, Division of Veterinary Parasitology, SKUAST-J
5.	Dr. Rajesh Godara	PhD/2019	Assistant Professor, Division of Veterinary Parasitology, SKUAST-J
6.	Dr. Rabjot Kaur	PhD/2020	Assistant Professor, Veterinary Parasitology, Khalsa Veterinary College, Amritsar

The division has achieved major achievements in the following research area:

- Established epidemiology of parasitic diseases of livestock of Jammu and its sustainable control measures.
- Established economics of important parasitic diseases.
- Established susceptible and resistance levels of different ectoparasitocidal against ticks of Jammu region.
- Impact of role of maggots in wound healing.
- Zoonotic potential of parasitic diseases.

6.4.2. Faculty Strength:

S. No.	Faculty	Sanctioned Faculty	Faculty in place	Vacant position	Faculty recommended by ICAR/ UGC/ VCI/ other regulatory bodies
1.	Professor	1	1	-	1
2.	Associate Professor	2	1	1	1
3.	Assistant Professors	2	2	-	2

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies
1.	Field cum Lab Assistant	02	02	NA
2.	Computer Assistant / Jr Steno	02	01	
3.	Orderly cum Chowkidar/ helper	02	02	

6.4.4. Class Rooms & laboratories:

Degree Programme	No. of classrooms	No. of functional laboratories	Justification	Major Equipment
Ph.D. Veterinary Parasitology	1	1	Labs are fully functional for Ph.D. Practicals/ Research	Sonicator UV Spectrophotometer Theram Cycler Gel Documentation System Trinocular Microscope Vertical Gel Electrophoresis Unit Deep Freezer -800C Deep Freezer -200C Refrigerator Rocker Shaker Refrigerated Centrifuge ELISA Reader

6.4.5. Conduct of Practical & hands-on-training:

The division has well equipped lab for conduct of practicals. The students have free access to the equipments in the lab for conducting the practical and research under the supervision of faculty.

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty	No. of students per faculty as per RRI	Actual students per faculty supervised (during last five years)
Ph.D. Veterinary Parasitology	03	04 (05*)	03 (PG & PhD combined)	Dr. Rajesh Katoch= 04 Dr. Anish Yadav= 04 Dr. Rajesh Godara= 01

**No. of sanctioned faculty*

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Faculty collects the feedback of farmers, livestock owners, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, clinical camps, Clinic visits of the livestock owners, and training programs. This feedback is kept as a consideration in developing research projects and post-graduate research programs. Undergraduate and postgraduate students are also encouraged to provide feedback towards curriculum delivery methods and performance of faculty members.

6.4.8. Student intake attrition in the programme for last five years:

Degree programme	Actual students admitted in MVSc					Attrition (%)				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
Ph.D. Veterinary Parasitology	01	02	01	01	-	-	-	-	-	-

6.4.9. ICT Application in Curricula delivery:

The ICT is being used adequately for curricula delivery. The division is provided with internet facility which can be availed by students of all degree programmes. E-Journals, e-books, and online research articles are accessed by the students as well as the faculty. Latest online platforms like Google meet, Zoom, are used for online classes, seminars, examinations etc. All class rooms are fitted with computers, overhead projectors and smart boards.

Faculty uses ICT resources at various avenues for improved functioning. Faculty employs internet for quick, effective, paperless, and traceable mode of communication. Classical classroom teaching has been modified by using projectors for presentations, interactive boards, virtual classes, online examinations, seminars, training programs and viva-voce.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG, PG and PhD Degree Programmes, separately, and to be presented College-wise.

6.4.11. Since the accreditation of Programmes is related to the All India Admission from ICAR and also having weightage for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.

6.4.12. Certificate (Applicable when SSR is submitted for Programme)

I, the **Dean, Faculty of Veterinary Sciences & Animal Husbandry, SKUAST-Jammu** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the College with Date & Seal

15/4/21
F.V. So. & A.H.
R. S. Pura

Ph.D.
Veterinary Pathology

Ph.D. Veterinary Pathology

6.4.1. Brief history of the degree programme:

The mandate of the Division of Veterinary Pathology is set within the purview of the mission mandates of SKUAST-Jammu and the Faculty of Veterinary Sciences & Animal Husbandry. Clubbed with other divisions initially, the discipline of Veterinary Pathology has been an integral part of the faculty since its inception from 20th September, 1999. On the recommendations of ICAR, post-graduate program (MVSc & Ph.D) have been adopted and the division instituted Ph.D programme since 2009. Research activities are undertaken regularly on identification of prevalent diseases in the region.

Through continuous and successive progression, the division has grown in strength and sizeable infrastructure.

At present there are three working scientists and ancillary staff. The human resource of the division has been an amalgamated representation from various parts of the country and esteemed institutes, and are well trained and motivated in their endeavour. After the inauguration of a Necropsy Complex, the facility of the Division was shifted in 2016 from the old Faculty building to the Clinical Complex building. Present amenities include undergraduate and postgraduate laboratories, seminar room and a specimen museum to advocate training to the students, along with necropsy facility and clinical laboratory for diagnostic services.

Objectives of starting PG programme were to create specialized human resources for national and international teaching and research institutions and to meet the demand of undergraduate students.

The achievement of the division is that till date 3 PhD (Doctoral degree in Veterinary Pathology) degrees have been awarded and the students have been placed at different institutions as shown in the following table.

Name	Regd. No.	Degree/ batch	Placement/ designation
Maneesh Sharma	J-11-D-36-V	PhD/2011	Assistant Professor, Veterinary Clinical complex, LUVAS, Hisar
Mir Mudasir Ahmad	J-14-D-79-V	PhD/2014	Veterinary Assistant Surgeon, Sheep Husbandry Department, Kachdora, Shopian
Sankalp Sharma	J-15-D-97-V	PhD/2015	Associate Professor, Khalsa College of Veterinary & Animal Sciences, KCVAS, Amritsar- 143001, Punjab

The division has been working on the following research areas

- Molecular characterization and patholo-biology of different avianpox viruses, sheep/goatpox viruses, Avian Avulaviruses prevalent in Jammu region.
- Toxicopathological studies of different heavy metals, chlorfenapyr in experimentally induced studies.
- Studies on the spontaneous occurrence of systemic diseases, infectious diseases and neoplasms in different animals and poultry in Jammu region.

6.4.2. Faculty Strength:

S. No.	Faculty	Sanctioned Faculty	Faculty in place	Vacant position	Faculty recommended by ICAR/ UGC/ VCI/ other regulatory bodies
1.	Professor	1	-	1	1
2.	Associate Professor	2	1	1	1
3.	Assistant Professors	3	2	1	2

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies
1.	Field cum Lab Assistant	02	01	NA
2.	Computer Assistant / Jr Steno	02	02	
3.	Orderly cum Chowkidar/ helper	04	03	

6.4.4. Class Rooms & laboratories:

Degree Programme	No. of classrooms	No. of functional laboratories	Justification	Major Equipment
Ph.D. Veterinary Pathology	1	1	Labs are fully functional for Ph.D. Practicals/ Research	Autoclave Hot Air Oven Microtome Student Microscope Binocular Microscope Research Microscope with camera Centrifuge Machine

6.4.5. Conduct of Practical & hands-on-training:

The division has well equipped lab for conduct of practicals. The students have free access to the equipments in the lab for conducting the practical and research under the supervision of faculty.

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty	No. of students per faculty as per RRI	Actual students per faculty supervised (during last five years)
Ph.D. Veterinary Pathology	02	03(06*)	03 (PG & PhD combined)	Dr. Nawab Nashiruddullah = 2 (1 continuing) Dr. Shilpa Sood = 1 (continuing) Dr. Shafiqur Rahman = 1 (temp. drop)

**No. of sanctioned faculty*

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Faculty collects the feedback of farmers, livestock owners, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, clinical camps, Clinic visits of the livestock owners, and training programs. This feedback is kept as a consideration in developing research projects and post-graduate research programs. Undergraduate and postgraduate students are also encouraged to provide feedback towards curriculum delivery methods and performance of faculty members.

6.4.7. Student intake attrition in the programme for last five years:

Degree programme	Actual students admitted in the VPP during last five years					Attrition %				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
PhD. Veterinary Pathology	01	01	01	0	0	0	0	0	0	0

6.4.9. ICT Application in Curricula delivery:

The ICT is being used adequately for curricula delivery. The division provides with e-books, and online research articles are accessed by the students as well as the faculty. Latest online platforms like Google meet, Zoom, are used for online classes, seminars, examinations etc. All class rooms are fitted overhead projectors.

Faculty uses ICT resources at various avenues for improved functioning. Faculty employs internet for quick, effective, paperless, and traceable mode of communication. Classical classroom teaching has been modified by using projectors for presentations, interactive boards, virtual classes, online examinations, seminars, training programs and viva-voce.


6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG, PG and PhD Degree Programmes, separately, and to be presented College-wise.

6.4.11. Since the accreditation of Programmes is related to the All India Admission from ICAR and also having weightage for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.

6.4.12. Certificate (Applicable when SSR is submitted for Programme)

I, the **Dean, Faculty of Veterinary Sciences & Animal Husbandry, SKUAST-Jammu** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the College with Date & Seal


F.V. So. & A.H.
R. S. Puro

Ph.D.
**Veterinary Pharmacology &
Toxicology**

Ph.D. Veterinary Pharmacology and Toxicology

6.4.5. Brief history of the degree programme:

To facilities higher education in subject Veterinary Pharmacology and Toxicology the Ph. D programme was started in 2007.

The major objectives of starting the programme were to strengthen the research work and facilities in the division in the field of Veterinary Pharmacology & Toxicology as well as to resolve local issues related to Veterinary pharmacology and toxicology (develop dosage regimen for antimicrobials in small ruminants, antidotal therapy for the fluoride intoxication in goats; ameliorative potential of phytochemicals for the agrochemicals poisoning in animals; toxicity of locally available plants in animals and their amelioration).

The division is presently working on the following research areas:

- Formulation of dosage regimen for the antimicrobials (Enrofloxacin, Cefepime, etc) in febrile small ruminants.
- Antidotal therapy for the chronic fluoride intoxication in small ruminants (aluminum sulphate orally)
- Ameliorative potency of natural and synthetic phytochemicals (quercetin, plant extracts) for nephrotoxicity and hepatotoxicity induced by agrochemicals (cypermethrin, deltamethrin, bifenthrin, chlorpyrifos).
- Anti-diabetic potential of *Alstonia scholaris*, *Calendula officinalis*, *Sida cardifolia*, *Ipomea nil* in experimentally induced animal models..

The achievement of the division is that till date 06 PhD (Doctoral degree) degrees have been awarded and the students have been placed at different institutions as shown in the following table.

S. No.	Name of Student	Regd. No.	Year	Placement
1	Dilip Manikrao Mondhe	J-06-D-02-V	2009	Head, Cancer Pharmacology IIIM, CSIR Jammu (in-service candidate)
2	Sania Naseem	J-09-D-22-V	2013	Private Sector
3	Muneer Ahmad Dar	J-10-D-31-V	2014	V.A.S. J&K Govt.
4	Pawan Kumar Verma	J-11-D-37-V	2015	Assistant Professor, VPT, SKUAST-Jammu (In-service candidate)
5	Mahrukh Ahmad	J-12-D-42-V	2016	Private sector
6	Makhmoor Ahmad Bhat	J-14-D-90-V	2018	Established own Business

6.4.2. Faculty Strength:

S. No.	Faculty	Sanctioned Faculty	Faculty in place	Vacant position	Faculty recommended by ICAR/ UGC/ VCI/ other regulatory bodies
1.	Professor	1	-	1	1
2.	Associate Professor	2	-	2	1
3.	Assistant Professors	3	2	1	1

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies
1.	Field cum Lab Assistant	02	02	NA
2.	Computer Assistant / Jr Steno	02	01	
3.	Orderly cum Chowkidar/ helper	03	03	

6.4.4. Class Rooms & laboratories:

Degree Programme	No. of classrooms	No. of functional laboratories	Justification	Major Equipment
Ph.D. Veterinary Pharmacology and Toxicology	1	1	Labs are fully functional for Ph.D. Practicals/ Research	HPLC BOD Incubator Probe Sonicator Vacuum filtration assembly Water Bath (digital) pH Meter

6.4.5. Conduct of Practical & hands-on-training:

The division has well equipped lab for conduct of practicals. The students have free access to the equipments in the lab for conducting the practical and research under the supervision of faculty.

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty	No. of students per faculty as per RRI	Actual students per faculty supervised (during last five years)
Ph.D. Veterinary Pharmacology and Toxicology	02	02(06*)	03 (PG & PhD combined)	Dr M Sultana =02 Dr R Raina =01

**No. of sanctioned faculty*

6.4.8. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Faculty collects the feedback of farmers, livestock owners, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, clinical camps, Clinic visits of the livestock owners, and training programs. This feedback is kept as a consideration in developing research projects and post-graduate research programs. Undergraduate and postgraduate students are also encouraged to provide feedback towards curriculum delivery methods and performance of faculty members.

6.4.9. Student intake attrition in the programme for last five years:

Degree programme	Actual students admitted in the F V Sc & AH during last five years					Attrition %				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
PhD. Veterinary Pharmacology and Toxicology	02	02	01	-	-	50	50	00	-	-

6.4.10. ICT Application in Curricula delivery:

The ICT is being used adequately for curricula delivery. The division is provided with internet facility which can be availed by students of all degree programmes. E-Journals, e-books, and online research articles are accessed by the students as well as the faculty. Latest online platforms like Google meet, Zoom, are used for online classes, seminars, examinations etc. All class rooms are fitted with computers, overhead projectors and smart boards.

The division uses ICT resources at various avenues for improved functioning. Faculty employs internet for quick, effective, paperless, and traceable mode of communication. Classical classroom teaching has been modified by using projectors for presentations, interactive boards, virtual classes, online examinations, seminars, training programs and viva-voce.

The division has subscribed the online experimental pharmacology resources and has been using computer simulations for demonstration of practicals to the students.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG, PG and PhD Degree Programmes, separately, and to be presented College-wise.

6.4.11. Since the accreditation of Programmes is related to the All India Admission from ICAR and also having weightage for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.

6.4.12. Certificate (Applicable when SSR is submitted for Programme)

I, the Dean, Faculty of Veterinary Sciences & Animal Husbandry, SKUAST-Jammu hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the College with Date & Seal

15/4/21
F.V. Sc. & A.H.
R. S. Pura

Ph.D.
Veterinary Biochemistry
&
Veterinary Physiology

Ph.D. Veterinary Biochemistry and Ph.D. Veterinary Physiology

6.4.1. Brief history of the degree programme:

Division of Veterinary Physiology and Biochemistry came in to existence after merging the division of Veterinary Physiology and Veterinary Biochemistry in the year 2011.

The objective was to provide the veterinary students a common understanding of the physiological and biochemical events simultaneously in animal health, production and reproduction. The Division offers M.V.Sc. and Ph D degree programmes to disseminate the best possible knowledge & skills to the students. As one of the basic subject, this division provides a firm foundation to other clinical, para-clinical and production subject of Veterinary Sciences. Ph. D. in both subjects Veterinary Physiology and Veterinary Biochemistry was started in the year 2013.

Besides, the PhD program was initiated to strengthen human resource with the tools and skills to understand, assess and formulate strategies to improve production, reproduction and animal health and to produce resource persons for teaching and research institutions across the country and overseas.

Acheivement: So far the division has produced 06 Ph. D.; Veterinary Physiology: 03 students and Veterinary Biochemistry: 03 students

Some of the placements of the pass outs from the division are as under:

Sr. No.	Name with Address	Registration No.	Batch	Present designation/ occupations
Veterinary Physiology:				
1.	Juneet Kour,	J-13-D-55-V	2017	-
2.	Sumeet Kaur	J-14-D-86-V	2018	Project Assistant, Div. Of Vety Physiology & Biochemistry, FVSc& AH, SKUAST-J, R.S.Pura
3.	Kawardeep Kour	J-15-D-98-V	2019	Asstt. Professor, Div. of Vety Physiology & Biochemistry, FVSc& AH, SKUAST-J, R.S.Pura
Veterinary Biochemistry:				
1.	Pallavi Khajuria	J-14-D-80-V	2018	Asstt. Professor, College of Veterinary Sciences, Rampura Phul Bhatinda-151103
2.	Rizwana Zargar	J-13-D-56-V	2017	Veterinary Assistant Surgeon, J & K State Govt.
3.	Aditi Lal Koul	J-14-D-81-V	2018	Asstt. Prof., Div. of Vety Physiology & Biochemistry, FVSc& AH, R.S.Pura

The division is actively involved in research and some of the areas of research carried are:

- Investigation of physiological responses in livestock with relation to different stress conditions like climatic, migratory and lactation stress and ameliorative effect of mineral and vitamin on these conditions.
- Effect of zinc supplementation (inorganic/organic/nano particles) in augmenting reproduction in male animal and its impact on the growth performance and histomorphological architecture of the intestine in broilers
- Ameliorating and Protective effect of Sea buckthorn (*Hippophaerhamnoides*) leaf Extract on heavy metals (Copper and Lead) Induced Oxidative Stress and diabetes induced biochemical and anti-oxidant alteration in Wistar rats

- Study of a low-cost molecular diagnostics (Loop Mediated Isothermal Amplification-LAMP) for subclinical mastitis caused by *Streptococcus agalactiae*.
- Cholesterol and niacin supplementation in experimentally induced renal dysfunction and hepatic cirrhosis.

6.4.2. Faculty Strength:

S. No.	Faculty	Sanctioned Faculty	Faculty in place	Vacant position	Faculty recommended by ICAR/ UGC/ VCI/ other regulatory bodies
1.	Professor	1	-	1	1
2.	Associate Professor	2	2	-	1
3.	Assistant Professors	4	4	-	3

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies
1.	Field cum Lab Assistant	03	03	NA
2.	Computer Assistant / Jr Steno	02	01	
3.	Orderly cum Chowkidar/ helper	03	03	

6.4.4. Class Rooms & laboratories:

Degree Programme	No. of classrooms	No. of functional laboratories	Justification	Major equipment
Ph.D. Veterinary Biochemistry & Ph.D. Veterinary Physiology	1	1	Labs are fully functional for Ph.D. Practicals/ Research	Sphygmomanometer Monocular LED Microscope Magnetic Stirrer

6.4.5. Conduct of Practical & hands-on-training:

The division has well equipped lab for conduct of practicals. The students have free access to the equipments in the lab for conducting the practical and research under the supervision of faculty.

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty	No. of students per faculty as per RRI	Actual students per faculty supervised (during last five years)
1. Ph.D. Veterinary Biochemistry	01	04 (07*)	03 (PG & PhD combined)	Dr. Jonali Devi = 03 Dr. P. S. Mahapatra =1 Dr. J. A. Ahmed =1
2. Ph.D. Veterinary Physiology	01			Dr. PratikshaRaghuwanshi =3

*No. of sanctioned faculty

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Faculty collects the feedback of farmers, livestock owners, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, clinical camps, Clinic visits of the livestock owners, and training programs. This feedback is kept as a consideration in developing research projects and post-graduate research programs. Undergraduate and postgraduate students are also encouraged to provide feedback towards curriculum delivery methods and performance of faculty members.

6.4.8. Student intake attrition in the programme for last five years:

Degree Programme	Actual students admitted during last 5 years					Attrition %				
	2016-17	2017-18	2018-19	2019-20	2020-2021	2016-17	2017-18	2018-19	2019-20	2020-2021
Ph.D. Veterinary Biochemistry & Ph.D. Veterinary Physiology	Nil	1	1	Nil	Nil	-	0%	0%	-	-

6.4.9. ICT Application in Curricula delivery:

Laboratory is well equipped with Multimedia Projector with screen, desktop and wi-fi connection for UG and PG class.

Android App “*VetValues*” developed for field veterinarians, undergraduate students and researchers to provide them with handy information regarding various values of physiological and biochemical parameters in different species of animals.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG, PG and PhD Degree Programmes, separately, and to be presented College-wise.

6.4.11. Since the accreditation of Programmes is related to the All India Admission from ICAR and also having weightage for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.

6.4.12. Certificate (Applicable when SSR is submitted for Programme)

I, the **Dean, Faculty of Veterinary Sciences & Animal Husbandry, SKUAST-Jammu** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the College with Date & Seal

15/4/21
F.V. So. & A.H.
R. S. Puro

Ph.D.
Public Health & Epidemiology

Ph.D. Veterinary Public Health and Epidemiology

6.4.1. Brief history of the degree programme:

Ph. D. Veterinary Public Health and Epidemiology degree programme was started at R. S. Pura, in the year 2007-08.

Objectives to human resource development for the teaching / research institutions and animal/ sheep husbandry department, slaughter houses etc. and to strengthen the research and related infrastructure in the division.

The achievement of the division is that till date 09 Ph. D. (Doctoral degree) degrees have been awarded and the some of the students have been placed at different institutions as shown in the following table.

S. No	Name of the student	Registration No	Degree	Posting
1.	Dr.S.B.Bakshi	J-06-D-05-V	Ph.D	In Service, SKUAST-Jammu
2.	Dr.M.A.Malik	J-06-D-06-V	Ph.D	In Service, SKUAST-Jammu
3.	Dr.Mohd. Rashid	J-07-D-10-V	Ph.D	In Service, SKUAST-Jammu
4.	Dr.H.K.Sharma	J-08-D-11-V	Ph.D	In Service, SKUAST-Jammu
5.	Dr.Aafreen Wahid Ganai	J-13-D-59-V	Ph.D	Kashmir Administrative Service
6.	Dr.Raghubir Singh	J-13-D-60-V	Ph.D	Asstt. Prof. in Nagaland
7.	Dr.Hummera Elahi	J-14-D-73-V	Ph.D	VAS, UT of J&K.
8.	Dr. Maninder Singh	J-15-D-102-V	Ph.D	In Service

Eight students have qualified SRF/NET (ASRB) . The division is currently working in the following research areas:

- Detection of foodborne pathogens from variety of food stuffs including foods of animal origin is done successfully. It is of help in studying epidemiology of foodborne pathogens including their virulence properties.
- Epidemiology of diseases of socio-economic significance for livestock sector including brucellosis, Q-fever and echinococcosis has been studied.
- Community knowledge and awareness on dreaded disease - Rabies - through research work and extension work has been done extensively.

6.4.6. Faculty Strength:

S. No.	Faculty	Sanctioned Faculty	Faculty in place	Vacant position	Faculty recommended by ICAR/ UGC/ VCI/ other regulatory bodies
1.	Professor	1	-	1	1
2.	Associate Professor	1	1	-	1
3.	Assistant Professors	2	3	-	1

6.4.3. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies
1.	Livestock Assistant	01	01	NA
2.	Field cum Lab Assistant	02	01	
3.	Computer Assistant / Jr Steno	02	01	
4.	Orderly cum Chowkidar/ helper	03	03	

6.4.4. Class Rooms & laboratories:

Degree Programme	No. of classrooms	No. of functional laboratories	Justification	Major Equipment
Ph.D. Veterinary Public Health & Epidemiology	1	1	Labs are fully functional for Ph.D. Practicals/ Research	UV transilluminator Mini Vertical Electrophoresis Microtissue homogenizer with mechanical timer model: Bacteriological incubator Microprocessor digital model with LED display capacity 95 ltrs. Fluorescent Microscope Dark Field Attachment Phase Contrast Attachment Thermal Cycler

6.4.5. Conduct of Practical & hands-on-training:

The division has well equipped lab for conduct of practicals. The students have free access to the equipments in the lab for conducting the practical and research under the supervision of faculty.

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty	No. of students per faculty as per RRI	Actual students per faculty supervised (during last five years)
Ph.D. Veterinary Public Health & Epidemiology	02	04 (4*)	03 (PG & Ph.D. combined)	Dr S K Kotwal = 01 Dr M.A. Malik = 03 Dr M Rashid = 02 Dr H K Sharma = 0 Dr Maninder Singh = 0

*No. of sanctioned faculty

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Faculty collects the feedback of farmers, livestock owners, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, clinical camps, Clinic visits of the livestock owners, and training programs. This feedback is kept as a consideration in developing research projects and post-graduate research programs. Undergraduate and postgraduate students are also encouraged to provide feedback towards curriculum delivery methods and performance of faculty members.

6.4.8. Student intake attrition in the programme for last five years:

Degree programme	Actual students admitted in Division of VPH and Epidemiology during last five years					Attrition %				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
Ph.D. Veterinary Public Health & Epidemiology	1	1	-	1	-	100*	100*	-	0	-

*Left degree programme to take up jobs

6.4.9. ICT Application in Curricula delivery:

The ICT is being used adequately for curricula delivery. The division is provided with internet facility which can be availed by students of all degree programmes. E-Journals, e-books, and online research articles are accessed by the students as well as the faculty. Latest online platforms like Google meet, Zoom, are used for online classes, seminars, examinations etc. All class rooms are fitted with computers, overhead projectors and smart boards.

Faculty uses ICT resources at various avenues for improved functioning. Faculty employs internet for quick, effective, paperless, and traceable mode of communication. Classical classroom teaching has been modified by using projectors for presentations, interactive boards, virtual classes, online examinations, seminars, training programs and viva-voce.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG, PG and PhD Degree Programmes, separately, and to be presented College-wise.

6.4.11. Since the accreditation of Programmes is related to the All India Admission from ICAR and also having weightage for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.

6.4.12. Certificate (Applicable when SSR is submitted for Programme)

I, the **Dean, Faculty of Veterinary Sciences & Animal Husbandry, SKUAST-Jammu** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the College with Date & Seal

15/4/21
F.V. Sc. & A.H.
R. S. Pura

Ph.D.
Veterinary Surgery & Radiology

Ph.D. Veterinary Surgery & Radiology

6.4.1. Brief history of the degree programme:

Ph. D. Veterinary Surgery & Radiology degree programme was started at R. S. Pura, from 2002.

Objective: There was demand of the UG students who passed out from this faculty as such students were otherwise used to take admission in PG programmes of the universities of the other states of the country. Moreover, there used to be very few seats for outsiders in any state. There was also huge demand from the line department *i.e.* department of sheep and animal husbandry to start the PG programme so that the veterinary assistant surgeons may be deputed to undergo PG programme. Hence, the PG programme was started to cater the need of local students and the in-service officers of the line departments. The Ph. D programme was also started to cater the need of the in- service officers of the line departments as well as that of the in-service faculty of own department. Moreover, to boost up the research activities of the division, the PG/Ph.D programmes were initiated.

The achievement of the division is that many Ph. D. students have been placed at different institutions as shown in the following table.

S.No.	Name of the student	Redg. No	Year	Present position /Placement
1.	Dr. A.K.Gupta	J-06-D-07-V	2010	Prof. /VSR I/C Head/VPT I/C Academics (Ug/Pg)
2.	Dr. Ashok Kumar	J-08-D-17-V	2014	Assoc. Prof./ TVCC
3.	Dr. Ankur Sharma	J-13-D-62-V	2017	Asstt. Prof./ VSR
4.	Dr. D.K. Dwivedi	J-13-D-63-V	2017	Asstt. Prof./ VSR
5.	Dr. Rauoof Ahmad	J-16-D-115-V	2021	VAS, J&K Govt
6.	Dr. Pankaj Gupta	J-16-D-116-V	2020	Asstt. Prof./ VSR

The division is currently working on the following research areas:

- Reconstruction of canine skin defects with acellular diaphragm xenograft of caprine origin
- Intussusception bypass surgery in cows,
- Xylazine-ketamine anaesthesia in adult mules working at high altitudes
- Myelographic studies for diagnosis of spinal cord injuries in canine
- Long bone fracture management by intramedullary pinning along with hydroxyapatite implant with or without autologous bone marrow transplant in dogs
- Studies on ocular affections in animals
- Canine tumours
- Hoof disorders in dairy cows
- Surgical affections of urinary tract in ruminants
- Canine hip dysplasia
- Conformational defects with respect to lameness in equines
- Clinico-biochemical prognostic markers in equines with surgical and non-surgical colic
- Prognostic indicators in intestinal intussusception in cattle with special reference to acute phase proteins
- Laparoscopic and ultrasound guided biopsy of abdominal organs in dogs has been successful concluded.

6.4.2. Faculty Strength:

S. No.	Faculty	Sanctioned Faculty	Faculty in place	Vacant position	Faculty recommended by ICAR/ UGC/ VCI/ other regulatory bodies
1.	Professor	1	-	1	1
2.	Associate Professor	2	2	-	1
3.	Assistant Professors	3	3	-	3

6.4.7. Technical & Supporting Staff:

S. No.	Technical and supporting staff	Sanctioned	In Place	Deviation in the staff position with respect to the recommendations of V Deans' Committee/ VCI/BSMA/ other regulatory bodies
1.	Livestock Assistant	01	01	NA
2.	Field cum Lab Assistant	02	02	
3.	Computer Assistant / Jr Steno	02	01	
4.	Orderly cum Chowkidar/ helper	03	01	

6.4.4. Class Rooms & laboratories:

Degree Programme	No. of classrooms	No. of functional laboratories	Justification	Major Equipment
Ph.D. Veterinary Surgery and Radiology	1	1	Labs are fully functional for Ph.D. Practicals/ Research	Hydraulic operation table, Boyles Anaesthetic machine, blood gas analyzer, ECG unit, Diathermy unit, acupuncture scope, carbon dioxide incubator, inverted microscope, multiparameter recorder, biochemistry analyzer, pulse oximeter, tranquillization gun

6.4.5. Conduct of Practical & hands-on-training:

Most of the practicals of PG students are demonstrated while attending clinical cases. The students are given free hand to take the history, perform radiographic interpretation, perform ultrasound etc. to arrive at diagnosis under the supervision of the teachers and also allowed to assist and sometimes conduct surgeries. They attend the clinics on all holidays also and thus get ample exposure to handle the clinical cases.

6.4.6. Supervision of students:

Degree Programme	Intake capacity of students	Qualified faculty	No. of students per faculty as per RRI	Actual students per faculty supervised (during last five years)
Ph.D. Veterinary Surgery and Radiology	03	04+4**(06*)	03 (PG & PhD combined)	Dr. H.R. Bhardwaj-01 Dr. Ajay Gupta-02 Dr. R.B. Khushwah-01

*No. of sanctioned faculty

**Posted in other divisions

6.4.7. Feedback of stakeholders (Students, parents, industries, employers, farmers, etc.):

The Faculty collects the feedback of farmers, livestock owners, field workers, officers of line departments, and associated industries during various interactive programs such as field visits, clinical camps, Clinic visits of the livestock owners, and training programs. This feedback is kept as a consideration in developing research projects and post-graduate research programs. Undergraduate and postgraduate students are also encouraged to provide feedback towards curriculum delivery methods and performance of faculty members.

6.4.8. Student intake attrition in the programme for last five years:

Degree programme	Actual students admitted during last five years					Attrition percent				
	2016-17	2017-18	2018-19	2019-20	2020-21	2016-17	2017-18	2018-19	2019-20	2020-21
Ph.D. Veterinary Surgery and Radiology	01	02	-	01	01	-	-	50	-	-

6.4.9. ICT Application in Curricula delivery:

The ICT is being used adequately for curricula delivery. The division is provided with internet facility which can be availed by students of all degree programmes. E-Journals, e-books, and online research articles are accessed by the students as well as the faculty. Latest online platforms like Google meet, Zoom, are used for online classes, seminars, examinations etc. All class rooms are fitted with computers, overhead projectors and smart boards.

Faculty uses ICT resources at various avenues for improved functioning. Faculty employs internet for quick, effective, paperless, and traceable mode of communication. Classical classroom teaching has been modified by using projectors for presentations, interactive boards, virtual classes, online examinations, seminars, training programs and viva-voce.


6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG, PG and PhD Degree Programmes, separately, and to be presented College-wise.

6.4.11. Since the accreditation of Programmes is related to the All India Admission from ICAR and also having weightage for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.

6.4.12. Certificate (Applicable when SSR is submitted for Programme)

I, the **Dean, Faculty of Veterinary Sciences & Animal Husbandry, SKUAST-Jammu** hereby certify that the information contained in the Section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding university.

Signature of Dean of the College with Date & Seal


F.V. So. & A.H.
R. S. Pura

Self Study Report for the college (Faculty of Veterinary Sciences & Animal Husbandry)

6.5 Self Study Report for the college:

Faculty of Veterinary Sciences & Animal Husbandry (FVSc. & AH)

For Faculty of Veterinary Sciences & Animal Husbandry, the academic curriculum and syllabus for undergraduate BVSc & AH degree is as per latest recommendation of Veterinary Council of India (VCI, 2016) curriculum and syllabus; whereas for post-graduate MVSc and PhD degree program, recommendations of the Indian Council of Agricultural Research (ICAR, 2009) have been adopted.



Front View of Faculty of Veterinary Sciences at R.S. Pura

6.5.1. College Administration

Faculty of Veterinary Sciences & Animal Husbandry is functioning under the administrative control of Dean, FVSc. & AH, R.S. Pura.

6.5.1.1 College Dean's Office Establishment

Dean's post has been sanctioned as per VCI/University guidelines. At present, the post of Dean, F.V.Sc. & A.H. is vacant. Dr. M.S. Bhadwal is in-charge of Dean since 18.05.2020. Applications are invited from eligible candidates as per University notification and selection on the basis of API score card and interview by committee constituted for the purpose. The tenure for the post of Dean, F.V.Sc. & A.H. is for a period of 5 years.

The Dean's Office is staffed by The Dean is also assisted in academic matters by the Associate Dean and his office. Under the Dean, there are 17 Head of Divisions who look after different disciplines of Veterinary Sciences (as stipulated in VCI-MSVE 2016).

Sl. No.	Name of the Post	No. of Posts
1.	Accounts officer	01
2.	Sr. accountants	02
3.	Accounts assistant	01
4.	Head assistants	02
5.	Assistant programmer/ computer assistants	03
6.	Assistant cum typist	01
7.	Drivers	02
8.	Orderly cum chowkidars	03

6.5.1.2 Monitoring Mechanism for Quality Education (on-line):

Monthly review meetings are held regularly under the chairmanship of the Dean, F.V.Sc. & A.H. for monitoring the internal quality assurance system.

The Associate Dean is entrusted with the process of monitoring the academic quality assurance as laid down by the Directorate of Education of the University and governed by the Minimum Standard Veterinary Education of VCI. Class in-charges are allotted for regular monitoring of course curriculum. Besides, student in-charges are allotted from the teaching faculty to groups of 5-6 students that associate and monitor their academic and overall progress continuously for the entire period of their undergraduate program. New resolutions and policies are discussed, deliberated and adopted in appropriate forum at Faculty level and forwarded for further approval in higher forum at University level.

Due recognition is given to meritorious students and University scholarships are awarded to them. Many students also enjoy Government state level as well as National scholarships. Likewise, postgraduate studies quality assurance is monitored by the Directorate of Education of the University and governed by latest ICAR syllabus and curriculum. Student research program are also monitored and approved by the Director Research according to the research mandate of the University and appropriate discipline.

Need based research programmes of the Faculty funded either by the University or by external agencies are regularly monitored by the Project Monitoring Cell under the Directorate of Research of the University. Resolutions undertaken at Faculty level policy making forum are forwarded to the University Research Council Meeting. On the other hand, all extension activities are monitored by the Directorate of Extension Education of the University.

6.5.1.3 CC/Board of Studies (BoS)

Meeting of Board of Studies, F.V.Sc. & A.H. is a faculty level forum that discuss academic related matters, it comprises of the following members-

Members of BoS, FVSc& AH

Dean of F.V.Sc. & A.H.	Chairman
All Professors of F.V.Sc. & A.H.	Members
All Associate Professors of F.V.Sc. & A.H.	Members
Three Assistant Professors of F.V.Sc. & A.H. nominated by the Vice-Chancellor on rotation for a period of two years	Members
One teacher not below the rank of Associate Professor of F.V.Sc. & A.H. nominated by the Faculty Dean	Member Secretary

BoS, F.V.Sc. & A.H. meetings in last five years

Meeting	Date
IX th Board of Studies & F.V.Sc. & A.H., SKUAST-Jammu	25/07/2016
X th Board of Studies & F.V.Sc. & A.H., SKUAST-Jammu	23/01/2020

The Board of Studies of FVSc & AH deals with the issues related to the UG course curriculum. Since the UG course curriculum, staff position, infrastructure required for B. V. Sc. & A. H. is governed by Veterinary Council of India, there is limited scope of any deviation from the standard set by VCI. Moreover, the members of BoS are also members of the Faculty of Veterinary Sciences and Animal Husbandry, therefore the few agendas pertaining to UG programme many a time are directly taken to the FVSc & AH meetings and no separate BoS meetings were held in the year 2017, 2018 and 2019.

Salient Resolutions of BoS, FVSc& AH

BoS	Agenda	Recommendations
9thBoS	<i>Implementation of VCI MSVE (BVSc & AH degree course) Regulations</i>	<i>Resolved that the VCI MSVE (BVSc & AH degree course) Regulations may be implemented from the current session, 2016-17</i>
	<i>Affiliation of State Veterinary Council with the Veterinary Council of India</i>	<i>Resolved that in the interest of veterinary graduates passing out from both the Agricultural Universities of the State, the State Government may be requested to take up the matter with the Veterinary Council of India to sort out the bottlenecks so that our students should not suffer any sort of discrimination outside the state and get equal job opportunities like veterinary graduates from rest of the country</i>
	<i>Institution of some rider for the students who do not attain minimum required attendance in first semester of a year</i>	<i>Resolved that the attendance projection charts be prepared for all courses and the students be sensitized on the first day of the semester regarding the minimum attendance required in first semester to be able to attain a minimum of 75% cumulative attendance at the end of the academic year.</i>
10thBoS	<i>Implementation of Advanced Diploma course on 'Animal Production' for Livestock Assistants (LSA)/ Stock Asstts. of one year duration</i>	<i>Resolved that the formulated course on one year Advanced Diploma Course on 'Animal Production' for LSA/Stock Register is approved subject to certain changes and the matter will be discussed in the upcoming meeting of F.V.Sc. & A.H. for SKUAST-J.</i>
	<i>Preparation of one year Advanced Diploma Course on 'Animal Health' for LSA/Stock Asstts.:</i>	<i>Resolved that the devised course on one year Advanced Diploma Course on 'Animal Health' for LSA/Stock Assistants may be modified as discussed. The same may be placed in the upcoming meeting of F.V.Sc. & A.H. for SKUAST-J.</i>
	<i>Implementation of 1 (one) year Diploma course in 'Fish Production and Management' (Self-Financed) for 10+2 intermediates</i>	<i>Resolved that "one year Diploma Course on 'Fish Production and Management' (Self-financed) for Class 10th pass" for the training of entrepreneurs and unemployed youth may be modified in terms of fee structure and course content and the same may be placed in the upcoming meeting of F.V.Sc. & A.H. for SKUAST-J.</i>
	<i>Requirements of Division of Livestock Production & Management:</i>	<i>Resolved that HOD, Division of LPM will prepare the revised proposal for the Hatchery Unit and fulfil the requirements as proposed.</i>
	<i>Implementation of Two years Basic Course in Veterinary and Animal Sciences for Class VI employees of SKUAST-Jammu</i>	<i>Resolved that the formulated Two years Basic Course in Veterinary and Animal Sciences for Class IV employees of SKUAST-Jammu may be modified as discussed. The eligibility criteria for enrolment to the course should be 10+2 with science background and the course should exclusively be for employees of SKUAST-Jammu. After due revision, the same may be placed in the upcoming meeting of F.V.Sc. & A.H. for SKUAST-J.</i>

<i>Setting of Journal Club in each Division</i>	<i>Resolved that the matter may be addressed to the University Librarian and the Competent Authority may be appraised of it for its early redressal of the problems. Constituted committee members will also appraise the competent authority regarding the matter.</i>
<i>Strengthening of Undergraduate teaching</i>	<i>Resolved that the faculty members should ensure implementation of proper steps for improving the standards of PG teaching in this faculty.</i>
<i>No registration cards for undergraduate students</i>	<i>Resolved that filling up of registration cards by undergraduate (BVSc & AH program) should be discontinued. The matter may be placed in the upcoming meeting of F.V.Sc. & A.H. for SKUAST-J.</i>
<i>Following Good laboratory Practice (GLP) quality system of management</i>	<i>Resolved that the formulated committee will ensure the implementation and practice of GLP in all laboratories of the Faculty.</i>

6.5.1.4. Anti Ragging Cell:

The rulings of the Hon'ble Supreme Court of India regarding ragging and that of UGC on curbing the menace of ragging in higher educational institutions (2009) are followed in FVSc& AH. An anti-ragging committee is constituted for this purpose at Faculty level comprising of senior Faculty, hostel wardens and student members from both undergraduate and postgraduate degree program. Besides, anti-ragging committee is also constituted at the University level under erstwhile Director Education and presently Dean, Students' Welfare.

Details of composition of Faculty level Anti-Ragging Committee and action taken report:

S.No.	Year	Committee composition	Meeting date	Case reported	Action, if any
1.	2016-17	DR. M.M.S. Zama Dean F.V.Sc.&A.H.	Chairman	No incidence of ragging was reported	
		Dr. Rajiv Singh (Prof. & Head VMD)	Member		
		Dr. S.B.Bakshi; Deputy Director Student Welfare	Member		
		Dr. Shalini Suri (Prof. & Head VAN)	Member		
		Dr. M.A.Malik (Assoc. Prof. VPH&E); Warden Boys Hostel	Member		
		Dr. Utsav Sharma (Assoc. Prof. & Head VGO)	Member		
		Dr. Jafrin Ara Ahmad (Asstt Prof. VPB); Warden Girls Hostel	Member		
		A Senior student	Member		
		A Fresher student	Member		

2.	2017-18	Dr. M.M.S.Zama, Dean FVSc&AH	Chairman	24-08-2017	Complaint by a third year student against first year student	The committee conducted a thorough probe and obtained statements of the students involved. The third year student was issued a warning and first year students were counselled. However, no incident of ragging or harassment had taken place.
		Dr. Anish Yadav, ICAR National Fellow	Member			
		Dr. M.A.Malik (Assoc. Prof. VPH&E); Warden Boys Hostel	Member			
		Dr. Sunil Kumar, Assoc. Prof, LPT	Member			
		Dr. Sandeep Sehla, DDSW	Member			
		Dr. Neelesh Kumar, ASsstt. Prof., VMD	Member			
		Dr. Jafrin Ara Ahmad (Asstt Prof. VPB); Warden Girls Hostel	Member			
		Dr. Tarun Bir Singh, MVSc Student	Member			
		Ms. Harshveer Singh, BVSc student	Member			
		Anmol Anil, 1stI year BVSc Student	Member			
		Sheenum Rohie, 1 st year BVSc Student	Member			
3.	2018-19	Dr. M.M.S.Zama, Dean FVSc&AH	Chairman	No incidence of ragging was reported		
		Dr. Anish Yadav, ICAR National Fellow	Member			
		Dr. M.A.Malik (Assoc. Prof. VPH&E); Warden Boys Hostel	Member			
		Dr. Sunil Kumar, Assoc. Prof, LPT	Member			
		Dr. Sandeep Sehla, DDSW	Member			
		Dr. Neelesh Kumar, ASsstt. Prof., VMD	Member			
		Dr. Jafrin Ara Ahmad (Asstt Prof. VPB); Warden Girls Hostel	Member			
		A Senior student	Member			
		A Fresher student	Member			

4.	2019-20	Dr. M.M.S.Zama, Dean FVSc&AH	Chairman	No incidence of ragging was reported		
		Dr. Anish Yadav, ICAR National Fellow	Member			
		Dr. M.A.Malik (Assoc. Prof. VPH&E); Warden Boys Hostel	Member			
		Dr. Sunil Kumar, Assoc. Prof, LPT	Member			
		Dr. Sandeep Sehla, DDSW	Member			
		Dr. Neelesh Kumar, ASsstt. Prof., VMD	Member			
		Dr. Jafrin Ara Ahmad (Asstt Prof. VPB); Warden Girls Hostel	Member			
		A Senior student	Member			
		A Fresher student	Member			
		5.	2020-21			
Dr. M.A.Malik (Prof. & Head) VPH&E); Warden Boys Hostel	Member					
Dr. Ankur Rastogi, Nodal Officer, DSW	Member					
Dr. Sanku Borkataki, Asstt. Prof. VPA	Member					
Dr. Pratiksha Raghuwanshi, Asstt. Prof., VPB	Member					
Dr. Sharad Kumar, Asstt. Prof. TVCC	Member					
Dr. Neelesh Kumar, ASsstt. Prof., VMD	Member					
Dr. Jafrin Ara Ahmad (Asstt Prof. VPB); Warden Girls Hostel	Member					
Dr Prynka Sharma, Student	Member					
Dr. Bhanu Pratap Singh, Student	Member					

6.5.1.5. Biological Waste Disposal Facility:

Biological waste is maintained in the University itself. Waste material is disposed after segregation as per colour code. Animal dung waste is used as alternative to create vermicompost. Other biological hazardous waste disposed as per the guidelines. Water is

sprinkled on debris to avoid fugitive emissions. Protective gears to workers handling waste materials are provided. Biological wastes of laboratories are disposed of in pit after autoclaving. Hospital biological wastes are disposed of by deep burial.

Details of quantity of biological wastes disposed off during last five years

Form of biological waste	Quantity disposed off (kg)				
	2016-17	2017-18	2018-19	2019-20	2020-21
Vermicompost					
Manure					
Lab-waste (biological)*	1850	1975	1850	2000	1950
Hospital waste*	3850	3600	3700	3950	3900

*Estimated figures

6.5.1.6. Institutional Ethics Committee for Experiment on Animals:

Every research project, whether funded by external agencies or post-graduate student research, involving animal experimentation is mandatorily required to get prior approval from the Institutional Animal Ethics Committee (IAEC) constituted for this purpose. The guidelines and recommendations as detailed under CPCSEA are strictly followed and only after detailed scrutiny approval is granted for appropriate animal experimentation.

Details of the IAEC committee and the project proposals cleared during last five years are given below-

Institutional Animal Ethics Committee (IAEC)

Faculty of Veterinary Sciences and Animal Husbandry, R S Pura, Jammu

CPCSEA Registration no. of Animal house facility: 862/GO/RE/04/CPCSEA, dated 01.09.2017

APPROVED IAEC MEMBERS AND THEIR DETAILS

S. No	Name	Designation in IAEC	Mobile	Email ID
1.	Dr M S Bhadwal (Dean)	Chairman	9419136239	bhadwal61@gmail.com
2.	Dr Pawan K Verma	Member Secretary & Scientist, In-charge, Animal House	9419111332	drpawankv@yahoo.co.in
3.	Dr Pankaj Gupta	Scientist from different Biological Discipline	9419680627	Drpankaj.skuast@gmail.com
4.	Dr Ankur Rastogi	Scientist from different biological discipline	9419149431	dr_ankur76@rediffmail.com
5.	Dr H R Bhradwaj	Veterinarian (SKUAST-J)	9419313766	hrbhardwajvet@gmail.com
6.	Dr Govind Yadav	Main Nominee (IIM-Jammu)	9419202650	dryadavgovind@gmail.com
7.	Dr Manzoor ur Rahman	Link Nominee (SKUAST-K)	9419444936	manzoorvbc@yahoo.co.in
8.	Dr Aijaz Ahmad Dar	Scientist from outside Institute (SKUAST-K)	9797314567	draijaz472@gmail.com
9.	Dr Rupali Khajuria	Socially Aware Nominee	9469603963	rupalisharma83.rs@gmail.com

19th meeting of Institutional Animal Ethics Committee (IAEC)

Recommendations from Agenda Items pertaining to Small and Large Animals in 19th meeting of Institutional Animal Ethics Committee (IAEC) held on 22/10/2020 at 01.00 PM at Faculty of Veterinary Sciences and Animal Husbandry, R S Pura, Jammu, 181102

A. Laboratory Animals (rats, mice, rabbit and chicks)

Proposal no.	Proposal	No. of experimental animals	IAEC comment
1/IAEC-20/2020	Permission for conducting experiment on day old broiler chicks (96 numbers) under research work of the project " <i>Pathological Studies on Ionophore Toxicity in Broilers and its amelioration with Vitamin C</i> ". The work pertains to Ph D research for a period of 60 days. Division of Veterinary Pathology	96 nos. One day broiler chicks	Approved Follow CPCSEA guidelines
2/IAEC-20/2020	Permission for conducting experiment on 40 number of Wister rats under the research Project titled " <i>Cardio-protective potential of hulls of Walnut (Juglans regia) in isoprenaline induced cardiotoxicity in rats</i> ". Period of study will be of 6 months. Division of Veterinary Pharmacology & Toxicology	40 nos. of rats (male/female)	Approved Follow CPCSEA guidelines
3/IAEC-20/2020	Permission for conducting experiment on 90 number of Wister rats under the research Project titled " <i>Toxicity induced by concurrent exposure of dimethoate and fluoride and its amelioration by Zingiber officinale</i> ". PhD research work for of 6 months duration. Division of Veterinary Pharmacology & Toxicology	90 nos. of rats (male/female)	Approved Follow CPCSEA guidelines
4/IAEC-20/2020	Permission for research work / studies on " <i>Characterization of Poonchi Chicken</i> " male/female sex and work is of 2-3 months duration. Blood shall be collected from the birds Division of Animal Breeding and Genetics	90 nos. Poonchi Chicken	Approved Follow CPCSEA guidelines
5/IAEC-20/2020	Permission for conducting experiment on under research work of the project " <i>Molecular characterization of ORF Virus and cutaneous response in natural host and laboratory animal infections</i> ". The work pertains to MVSc research for a period of 120 days. Division of Veterinary Pathology	26 mice & 3 rabbits	Approved Follow CPCSEA guidelines
6/IAEC-20/2020	Permission for conducting experiment on day old broiler chicks under research work of the project " <i>Clinicopathomorphological changes and their amelioration by Alstonia scholaris in experimentally induced Salmonella Gallinarum infection in broiler chickens</i> ". The work pertains to MVSc research for a period of 60 days. Division of Veterinary Pathology	120 day old broiler chicks	Approved Follow CPCSEA guidelines
7/IAEC-20/2020	Permission to studies on " <i>Effect of zinc methionine supplementation on the growth performance, biochemical parameters and morphology of intestine in broilers</i> ". (240 no) Duration for 6 months Division of Veterinary Physiology & Biochemistry.	240 day old broiler chicks	Approved Follow CPCSEA guidelines
8/IAEC-20/2020	Permission to study on " <i>Effect of zinc oxide nanoparticle supplementation on the growth performance biochemical parameters and morphology of intestine in broilers</i> ". (240) Duration for 6 months Division of Veterinary Physiology & Biochemistry.	240 chicks	Approved Follow CPCSEA guidelines
9/IAEC-20/2020	Permission for conducting research on " <i>Disposition kinetics of fluoride in bone and visceral organ following chronic exposure of fluoride at different dose level in Wistar rats</i> ". The research work is of 2-3 month duration. Division of Veterinary Pharmacology and Toxicology	24 adult Wistar rats	Approved Follow CPCSEA guidelines

10/IAEC-20/2020	Permission for conducting research on “ Functional and genetic modulation of glutamate cysteine ligase (GCL) by flavonoids drug induced renal damage using in vitro and in vivo toxicity model ” ICMR sponsored research project. The research work is of 2 years duration. Division of Veterinary Pharmacology and Toxicology	126 adult wistar rats of either sex	Approved Follow CPCSEA guidelines
11/IAEC-20/2020	Permission for conducting research on “ Molecular characterization of Dichelobacter nodosus and development of recombinant vaccine against ovine foot rot ”. The research work is of 6 months duration. Division of Veterinary Microbiology and Immunology	25 mice	Approved Follow CPCSEA guidelines
12/IAEC-20/2020	Post fact Permission for conducting research on “ Role of Psidium guajava leaf meal supplementation on gut health and performance of broiler chicks ” The research work was of 1 month duration and 225 no. day old chicks were used. Division of Veterinary animal Nutrition.	225 day old chicks	Approved Follow CPCSEA guidelines
13/IAEC-20/2020	Post facto permission is sought for research on “ Effect of coccidia challenge and Psidium guajava leaf extract on health and performance of broiler chicks ” The research work was of 6 weeks duration and 180 no old chicks were used. Division of Animal Nutrition	180 day old chicks	Approved Follow CPCSEA guidelines
14/IAEC-20/2020	Post fact sanction for research on “ Influence of Azolla meal on nutrient metabolism, blood indices , performance and carcass attributes of broiler chicken ” The research work was of 35 days and on 180 day old chicks Division of Animal Nutrition	180 day old chicks	Approved Follow CPCSEA guidelines
15/IAEC-20/2020	Permission is sought for research work on “ Influence of enzyme supplementation in Psidium guajava and Morus alba leaf meal mixture based diet on nutrient utilization and performance of broiler chickens ” The research work shall be of 6 week duration and shall be conducted on 288 no 1 day old chicks Division of Animal Nutrition	288 day old chicks	Approved Follow CPCSEA guidelines
16/IAEC-20/2020	Permission is sought for conduction research project on “ Prospecting prebiotic potential of rumen liquor ”. The research work shall be of 1 yr duration and shall be conducted on 960 no of 1 day old birds in two trials on 480 birds per trial. Division of Animal Nutrition	960 day old chicks	Approved Follow CPCSEA guidelines
17/IAEC-20/2020	Permission is sought for research work on “ Evaluation of dietary incorporation of bakery waste on nutrient utilization and performance of broiler chicken ”. The research work shall be of 2 month duration and 240 day old chicks shall be used for the study. Division of Animal Nutrition	240 day old chicks	Approved Follow CPCSEA guidelines
18/IAEC-20/2020	Permission to conduct research under ICAR National Fellow project “ Development of sensitive and specific diagnosis assay for detection of warble fry infestation in goats and eradication of the disease from Jammu and Kashmir ” The research work shall be of 6 months duration and 4 no of rabbits of either sex Division of Veterinary Parasitology	4 adults rabbits	Approved Follow CPCSEA guidelines

B. Large animals

Proposal no.	Proposal	Activities	Risk	IAEC comment
19/IAEC-20/2020	Permission to study on “ Effect of summer stress on rumen function and micro-biota in crossbred cattle ”. Research shall be conducted on <i>crossbred cattle</i> Duration for 2 months Animal: 06 nos. <i>crossbred cattle</i> (male/female) Division of Veterinary Physiology & Biochemistry	Feeding trials and blood collection (minor invasive)	No risk	Recommended to CPCSEA for approval
20/IAEC-20/2020	Permission for doing research work of Project (DST funded) on “ <i>Exploring genetic variation on control of resistance to diseases in goat breeds of North-Western Himalayan region</i> ”. The research work is of 36 month duration Animals: Goat no - 06 (Male/Female) Division of Livestock Production and Management	Feeding trials and blood collection (minor invasive)	No risk	Recommended to CPCSEA for approval
21/IAEC-20/2020	Permission to studies on “ <i>A study on retinoic acid inducible gene 1 like receptors (RLR) mediated in vitro-immune response in goats</i> ”. Duration for 6 months Animals: 06 nos. Goat (Male/Female) Division of Veterinary Physiology & Biochemistry.	Feeding trials and blood collection (minor invasive)	No risk	Recommended to CPCSEA for approval
22/IAEC-20/2020	Permission to studies on “ <i>An in vitro study on immune response of mammary epithelial cells (MEC) in goats against bacterial wall component</i> ”. Duration for one years Materials: Slaughter house material Division of Veterinary Physiology & Biochemistry	Slaughter house material (No experiment will be conducted)	No risk	Samples will be collected from Slaughter house hence IAEC Approved
23/IAEC-20/2020	Permission is sought for conduct of research on “ <i>Chemical composition and nutrient utilization of top feeds of Districts Poonch</i> ”. The research work shall be of 4 months duration. Animals: Goats and 24 numbers of male goats. Division of Animal Nutrition	Feeding trials and blood collection (minor invasive)	No risk	Recommended to CPCSEA for approval
24/IAEC-20/2020	Permission for research work / studies on “ <i>Association of GH1 and GH2 gene polymorphic variants with growth traits in Beetle goat of male/female sex</i> ” and work is of 2-3 months duration. Animals: 90 healthy goats (male or female) Division of Animal Breeding and Genetics	Feeding trials and blood collection (minor invasive)	No risk	Recommended to CPCSEA for approval
25/IAEC-20/2020	Permission to conduct research on project under ICAR National Fellow project “ Development of sensitive and specific diagnosis assay for detection of warble fry infestation in goats and eradication of the disease from Jammu and Kashmir. Animals: 04 adult healthy goats (male or female) Division of Veterinary Parasitology	Feeding trials and blood collection (minor invasive)	No risk	Recommended to CPCSEA for approval
26/IAEC-20/2020	Prof. R K Taggar, Member Secretary, IAEC is superannuate on Feb, 2021, so the Chairman, proposed the name of Dr. Pawan K Verma, Division of VPT, to become the next Member Secretary of IAEC, F V Sc & AH, R S Pura for approval of the house.			Approved by the house

18th meeting of Institutional Animal Ethics Committee (IAEC)

Recommendations from Agenda Items pertaining to Small and Large Animals in 18th meeting of Institutional Animal Ethics Committee (IAEC) held on 18.01.2019 at 03.00 PM at Faculty of Veterinary Sciences and Animal Husbandry, R S Pura, Jammu

A. Small / Laboratory Animals

Proposal no.	Proposal	No. of experimental animals	IAEC comment
1/IAEC-18/2018	Permission for conducting experiment on day old broiler chicks (250 numbers) under research work of the project “Evaluation of Ionophore resistance and prophylactic effects of Herbal extract on poultry cooccidiosis in Jammu Region”. The work pertains to Ph D research for a period of 45 days. Division of Veterinary Parasitology	250 nos. One day old chicks (male/female)	Approved Subject to follow CPCSEA guidelines
2/IAEC-18/2018	Permission for conducting experiment on 4 no. of Rabbits under the research project on “ Development of sensitive and specific diagnostic assay for detection of warble fly infestation in goat and eradication of the disease from Jammu and Kashmir ” to raise hyper immune sera against serine protease and crude somatic antigen of goat warble fly larvae. Period of study will be of 3 weeks.- Division of Veterinary Parasitology	4 nos. of Rabbit (male/female)	Approved Subject to follow CPCSEA guidelines
3/IAEC-18/2018	Permission for conducting experiment on 40 numbers of Mice under the research project on “ Development of sensitive and specific Diagnostic assay for detection of Warble fly infestation in goat and eradication of the disease from Jammu and Kashmir ” to raise hyper immune sera against serine protease and crude somatic antigen of goat Warble fly larvae. Period of study will be of 6 months.- Division of Veterinary Parasitology	40 Mice of either sex	Approved Subject to follow CPCSEA guidelines
4/IAEC-18/2018	Permission to do Ph D research work on Studies on cardio-protective, hepato-curative and anti-diabetic effects of extract of <i>Cynara scolymus</i> on Wistar rats (144 no) of male/female sex and work is of 1 yr duration. Division of Pharmacology and Toxicology.	144 nos. Wistar rats (Male/Female)	Approved Subject to follow CPCSEA guidelines
5/IAEC-18/2018	Permission for conducting M V Sc research on “ Studies on wound healing Potential of <i>Bergenia cillata</i> rhizome on animal model ”. The research work is of 6 month duration. Division of Pharmacology and Toxicology	40 nos. Wistar rats (Male/Female)	Approved Subject to follow CPCSEA guidelines
6/IAEC-18/2018	Permission for doing research work of M.V.Sc. student on “ Studies on toxicity of Fenobucarb and Lead alone and in combination ” in Wister Rats (No. 40) The research work shall be of 6 months duration. Division of Pharmacology and Toxicology	40 nos. Wistar rats (Male /Female)	Approved Subject to follow CPCSEA guidelines
8/IAEC-18/2018	Permission for studies on “ Isolation and characterization of <i>P. multocida</i> in domestic animals and birds and their pathomorphological study in mouse model ”. The period of study shall be for 28 months. Division of Veterinary Pathology	54 no mice (Male /Female)	Approved Subject to follow CPCSEA guidelines
10/IAEC-18/2018	Permission/sanction is being sought for research work of M. V. Sc. student on “ Pathological and Molecular diagnosis of Newcastle Disease in Poultry and Pigeon in Jammu region ”. The study will be of 12 months. Division of Veterinary Pathology	Day old chick (20) Embryonated chicken eggs (100 no)	Approved Subject to follow CPCSEA guidelines

14/IAEC-18/2018	Permission for research work of Ph D student on “Characterization of Indigenous chicken of Poonch District of Jammu and Kashmir” . Blood samples shall be collected from the local Poonchi unrelated birds numbering 50. Division of Animal Genetics and Breeding	50 birds of either sex	Approved Subject to follow CPCSEA guidelines
15/IAEC-18/2018	Permission for research work of M. V. Sc. student on “Molecular Characterization of IGF-1 and PRLR gene and their association with performance traits in Poonchi chicken” . Blood samples shall be collected from the local Poonchi unrelated birds. Division of Animal Genetics and Breeding	50 birds of either sex	Approved Subject to follow CPCSEA guidelines
16/IAEC-18/2018	Permission for research work of PG student on “Polymorphism of cGH and cGHR genes and their association with growth traits in Poonchi Chicken” . Blood samples shall be collected from local unrelated Poonchi chicken (50no.) of either sex and work shall be of 6 months duration. Division of Animal Genetics and Breeding	50 birds of either sex	Approved Subject to follow CPCSEA guidelines
17/IAEC-18/2018	Permission for research work of PG student on “Effect of dietary inclusion of Turmeric (<i>Cucuma longa</i>) and garlic (<i>Alium sativum</i>) powder as feed additive on performance of broiler chicken” The work shall be of 240 days. Division of Animal Nutrition	240 chicks (one day old) of either sex.	Feeding trial and being non-invasive procedure Approved Subject to follow CPCSEA guidelines

B. Large Animals

Proposal no.	Proposal	No. of experimental animals	IAEC comment
7/IAEC-18/2018	Permission for research work on “Electrocardiogram and electrolyte changes in dehydrated male bovine calves” . Six (6) nos. calves will be used and the study will be for a period of six months. Division of Physiology and Biochemistry	6 nos. calves (Male)	Being routine procedures Division shall be informed to proceed
9/IAEC-18/2018	Permission for PG research work on “Pathological and cytological studies of the female reproductive tract abnormalities in sheep and goat” . The duration of the research is of 12 months. Division of Veterinary Pathology	Reproductive tract samples of sheep and goat from slaughter house	Research are not to be performed on live animals, no need of IAEC approval
11/IAEC-18/2018	Permission is being sought for research work of Ph D student on “Studies on patho-morphology of Ovine foot rot infection and virulence characterization of <i>Dichlobacter nodosus</i> in sheep” . The research work shall be of 12 month duration and procedure is non-invasive on Male /female animals. Division of Veterinary Pathology	Sheep (Male /Female) affected with the disease	Research procedures are non-invasive and samples will be collected from clinical cases hence approved
12/IAEC-18/2018	Permission for research work of Ph D student on “Pathology and characterization of Pox Virus infection of small ruminants in Jammu region” The work shall be of 12 month duration. The samples from affected Goat and sheep will be taken and inoculated in 10-12 day embryonated chicken eggs (50 no.) Division of Veterinary Pathology	Both Male/female sheep,	Research procedures are non-invasive and samples will be collected from clinical cases hence approved
13/IAEC-18/2018	Permission is being sought for research work of Ph D student on “Impact of Chromium Propionate supplementation on stress Markers, Immune Response and Productive Performance of Buffaloes” . Hematology and biochemical studies are to be done and production parameters are to be studied on milk samples of buffaloes. Research Work is of 9 months duration Division of Veterinary Physiology and Biochemistry	18 Female Buffaloes	Non-invasive procedure subject to follow CPCSEA guidelines
18/IAEC-	Permission for research work on “Utilization of boiled	12 No of Sheep	Feeding trial and

18/2018	potato peel waste as a replacer of green fodder for sheep ". The research work should be conducted on sheep (12) and of 30days duration. Blood samples shall be collected from Juglar vein. Division of Animal Nutrition	either sex	being minor invasive Approved Subject to follow CPCSEA guidelines
19/IAEC-18/2018	Permission for research work on " Nutritional evaluation of whey treated mustard oil cake in sheep " The research work shall be conducted on adult sheep of either sex (12) and work shall be of 30 days. Blood samples shall be collected from Juglar vein. Division of Animal Nutrition	12 No of sheep either sex	Feeding trial and being minor invasive Approved Subject to follow CPCSEA guidelines
20/IAEC-18/2018	Seeks permission for research work on " Effect of feeding boiled potatoes (Solenum tuberosum) " waste silage on the performance of goats" The research work shall be conducted on adult goat of either sex and work shall be of 30 days. Blood samples shall be collected from Juglar vein. (Division of Animal Nutrition)	12 No of goat either sex	Feeding trial and being minor invasive Approved Subject to follow CPCSEA guidelines
21/IAEC-18/2018	Seeks permission for research work on " Utilization of spent marigold flavor meal in the ration of Goats " The research work shall be conducted on adult goat of either sex and work shall be of 30 days. Blood samples shall be collected from Juglar vein. Division of Animal Nutrition	12 No of goat either sex	Feeding trial and being minor invasive Approved Subject to follow CPCSEA guidelines
22/IAEC-18/2018	Permission for research work on " Influence of Tanniferous leaf meal mixture based funetroxal supplement on nutritional status, health and production performance of dairy cattle " The research work shall be conducted on adult cattle of female sex and work shall be of 4 months. Blood samples shall be collected from Juglar vein. Division of Animal Nutrition	36 No of cattle Female cattle	Feeding trial and being minor invasive Approved Subject to follow CPCSEA guidelines guidelines
23/IAEC-18/2018	Seeks permission for research work on " Evaluation of Nutritional status, reproductive diseases and GI parasitic load in buffaloes of Kathua District and their amelioration by strategic supplementation " The research work shall be conducted on adult Buffaloes of female sex and work shall be of 3 months. Blood samples shall be collected from Juglar vein. Division of Animal Nutrition	30 No of Female Buffaloes	Feeding trial and and being minor invasive Approved Subject to follow CPCSEA guidelines

17th meeting of Institutional Animal Ethics Committee (IAEC)

Recommendations and comments for Agenda Items pertaining to rodents and rabbit species in 17th meeting of Institutional Animal Ethics Committee (IAEC) held on 28.09.2017 at 2.30 PM at Faculty of Veterinary Sciences and Animal Husbandry, R S Pura, Jammu

A. Laboratory Animals (rats, mice, rabbit and chicks)

Proposal no.	Proposal	No. of experimental animals	IAEC comment
1/IAEC-17/2017	Permission for conducting experiment on Swiss albino mice (10 numbers) research work of the project "Out Reach Programme on Zoonotic Diseases" in Division of Public Health and Epidemiology to record the methods of Euthanasia post facto permission is sought.- Division of Public Health and Epidemiology	10 nos. Swiss albino mice (male/female)	Approved Subject to follow CPCSEA guidelines
2/IAEC-17/2017	Permission for conducting experiment on 6 number of Rabbits research work of Ph D student of Division of Public Health and Epidemiology "Phenotypic and genotypic characterization of Brucella" to raise antisera. permission is sought.- Division of Public Health and Epidemiology	6 nos. of Rabbits (male/female)	Approved Subject to follow CPCSEA guidelines

3/IAEC-17/2017	Division of Veterinary Parasitology permission to do Molecular studies on <i>Cryptosporidium</i> and <i>Giardia sps</i> in Cattle calves and therapeutic evaluation of Curcuma longa against Cryptosporidiosis. Research shall be conducted on Swiss albino mice (120 no) and invivo studies are to conducted. Division of Veterinary Parasitology.	120 nos. Swiss albino mice (male/female)	Approved Subject to follow CPCSEA guidelines
4/IAEC-17/2017	Division of Veterinary Parasitology permission to do PG research work on wound healing on Wistar rats of male sex and 100 no. and work is of 2 yrs duration. Division of Veterinary Parasitology.	100 nos. Wistar rats (male)	Approved Subject to follow CPCSEA guidelines
5/IAEC-17/2017	Division of Livestock Product Technology seeks permission for M V Sc research on Development of value added functional kaladhi utilizing antioxidant potential of <i>Grewia asiatica</i> , <i>Withania somnifera</i> , <i>Stevia rebus</i> and its validation on animal model. Number of animals required is 50 Wister rats of either sex. Division of Livestock Product Technology	50 nos. Wistar rats (male/female)	Approved Subject to follow CPCSEA guidelines
6/IAEC-17/2017	Division of Livestock Product Technology seeks permission for research work of Project “Technological development of functional food for life style diseases and its entrepreneurial promotion among farming community of J & K. Number of animals required is 100 Wister rats of either sex. Duration of project shall be 2 yrs. Division of Livestock Product Technology	100 nos. Wistar rats (male/female)	Approved Subject to follow CPCSEA guidelines
7/IAEC-17/2017	Division of Veterinary Pharmacology and Toxicology seeks permission for research work titled pesticide toxicity and amelioration and bioprospection of plant extract for antidiabetic and hypolipidimic activity on 400 nos. of Wistar rats and 30 nos. of mice.	400 nos. Wistar rats (male/ female) 30 nos. Mice (male/female)	Approved Subject to follow CPCSEA guidelines

B.. Laboratory Animals (Cattle, pigs, dog, sheep, goat)

Proposal no.	Proposal	No. of animals	Invasive / Non-invasive	Outcome and risk involved	IAEC comment
7/IAEC-17/2017	Permission is sought for doing <i>in vivo</i> studies on Cattle (ND/Crossbred) for Assessment of impact of thermal stress on dairy animals to develop location specific heat and cold stress indicators for dairy animals on cattle (18 numbers) for Project “ Assessment of impact of thermal stress on dairy animals in Jammu Region. ” Animal’s behavior and vital parameters will be monitored using non-invasive means. Division of Livestock Production and Management.	18 numbers Cattle	Non-invasive	To develop location specific heat and cold stress indicators for dairy animals. No risk or mortality involved. Experiment will be conducted by experienced Investigator (PI)	Recommended for approval

8/IAEC-17/2017	Permission to evaluate the ciprofloxacin and gentamycin loaded solid lipid-chitosan composite Nanoparticles as novels drug for the treatment of mastitis in dairy animals and 30 numbers of Beetal goats of female sex of 3-5 yrs of age are to be used for invivo studies. Ciprofloxin and gentamycin loaded solid lipid-chitosan composite Nanoparticles are to be infused intramammary route as the efficacy of the drugs cannot be assessed by invitro studies. The research work pertains to the Project entitled “Synthesis characterization and evaluation of ciprofloxacin and gentamycin loaded solid lipid – chitosan composit Nanoparticles for the treatment of mastitis in dairy animals” Division of Veterinary Medicine. (IBSC approved protocol)	30 numbers Beetal goats female 3-5 yrs of age	Invasive	Development of novels drug for the treatment of mastitis in dairy animals. This is sub-clinical experiment and therefore minimum risk and maximum outcome is expected. Experiment will be conducted by experienced Investigator (PI)	Recommended for approval
9/IAEC-17/2017	Permission for conducting ultrasonographic evaluation and percutaneous guided biopsy of liver and kidney in healthy and diseased cattle research problem of PhD student of the division. The study involves routine restrain of animals, ultrasonography and ultrasound guided needle biopsy of liver and kidney under local anesthesia and sedation and blood sampling for heamato-biochemical estimation and disease diagnosis. Research work is for standardization of the procedure. (16 no of cattle of either sex and animals are not to be procured). Division of Veterinary Surgery and Radiology)	16 nos. Cattle of either sex	Invasive	Standardization of the procedure of ultrasound guided needle biopsy of liver and kidney under local anesthesia and for disease diagnosis. This may help in minimizing the old invasive procedure. Minimum risk and maximum outcome is expected. Experiment will be monitored by experienced Investigator (PI)	Recommended for approval
10/IAEC-17/2017	Permission for PhD research work on 6 number of non descript Dogs of either sex age of 2-3 yrs for in vivo studies on Evaluation of prognostic markers in amikacin induced nephrotoxicity and its	6 nos. Dogs of either sex	Non-invasive	<i>In vitro</i> study already conducted showing promising results. Proposed in vivo study is a prerequisite for confirming the effects of	Recommended for approval

	amelioration using medicinal herbs. In vitro studies have been done but as the in vivo effects are different in presence of body fluids. Division of Veterinary Medicine			prospective medicinal herbs. Outcome is development of herbal drug for treatment of nephrotoxicity. Experiment will be monitored by experienced PI	
11/IAEC-17/2017	Division of Animal Nutrition needs permission for Ph D research work of student on Nutritional evaluation of hydrolyzed molasses treated mustard oil cake In dairy cattle and sheep (15 no of dairy cows and 15 no. sheep). It is a feeding trial. Division of Animal Nutrition.	15 nos. Dairy cows and 15 no. sheep	Non-invasive	The outcome of proposed study may be development of new and safer method of reducing rumen degradability of mustard oil cake in dairy animal ration. It is a short duration feeding trial so no risk is involved. Experiment will be monitored by experienced PI	Recommended for approval
12/IAEC-17/2017	Division of Animal Nutrition proposes permission for MVSc research work of student on ensiling of <i>Parthenium hysterophoras</i> and <i>Cannabis spec.</i> with maize as a tool for their containment and its utilization by goats (12 no of male goats). It is a feeding trial. Division of Animal Nutrition.	12 no goats (male)	Non-invasive	The outcome of may be development of newer source of feedstuff for goats. It is a short duration feeding trial so no risk is involved. Experiment will be monitored by experienced PI	Recommended for approval
13/IAEC-17/2017	Division of Veterinary Parasitology seek permission to work on Haemoprotozoan and gastrointestinal parasites in dogs of Jammu. The research involves faecal examination and blood examination for parasitic infection on 500 dogs of either sex or all age groups. The purpose of research is to observe status of Zoonotic diseases of parasitic origin. Division of Veterinary Parasitology	500 dogs of either sex	Non-invasive	The study will help in monitoring status of prevalence of zoonotic diseases of parasitic origin. The outcome of will be of public health importance, which will be helpful in disease containment. Experiment will be monitored by experienced Investigator (PI)	Recommended for approval
14/IAEC-17/2017	Division of Vety. Microbiology seeks permission to work on	4 sheep	Invasive	The study shall explore the Respiratory Metagenome of small Ruminants, a basic research. The procedure of Tracheotomy will be performed under the supervision of Surgery department.	Recommended for approval

16th meeting of Institutional Animal Ethics Committee (IAEC)

Recommendations and comments for Agenda Items pertaining to rodents and rabbit species in 17th meeting of Institutional Animal Ethics Committee (IAEC) held on 27.07.2016 at 11.00 AM at Faculty of Veterinary Sciences and Animal Husbandry, R S Pura, Jammu

Proposal no.	Proposal	No. of experimental animals	IAEC comment
1/IAEC-16/2016	To do ultrasonography studies on Cattle (ND/Crossbred) for standardization of ultrasonography of liver and kidney and obtaining biopsies under local anesthesia on cattle (16 numbers) for Ph.D research programme of the Division of Veterinary Surgery and Radiology	cattle (16 numbers) (female)	Approved Subject to follow CPCSEA guidelines
2/IAEC-16/2016	Permission for Ph D student for conducting experiment on Rat (150 numbers sex male or female) research work regarding evaluation of prognostic markers in amikacin induced nephrotoxicity and its amelioration using medicinal herbs. from Division of Veterinary medicine.	Rat (150 numbers sex male or female)	Approved Subject to follow CPCSEA guidelines
3/IAEC-16/2016	Permission for conducting experiment on Rat wistar (30 numbers) research work in Division of Veterinary Surgery and Radiology regarding to study and compare the effects of sterile medical grade Chitosan powder and amorphous hydrogel with colloidal silver dressing on wound healing in rats.- Division of Veterinary Surgery and Radiology	Wistar Rat (30 numbers sex male or female)	Approved Subject to follow CPCSEA guidelines
4/IAEC-16/2016	Permission for UG students lab work involving rats (140 numbers sex male) and other species of animal goat i.e. (18 numbers sex male) regarding collection of blood in different species of animals and to conduct regular hematological tests on collected blood and to record the various physiological and growth parameters of animals. Division of Veterinary Physiology and Biochemistry	Wistar Rat (140 numbers sex male or female)	Approved Subject to follow CPCSEA guidelines
5/IAEC-16/2016	Permission for Ph D research work on 100 number of swiss male /female albino rats in vivo studies on therapeutic evaluation of Curuma longa against Cryptosporidiosis and duration of the research work shall be of 30 days. The proposal was as such approved after thread ware discussion.	100 number of swiss male /female albino rats	Approved Subject to follow CPCSEA guidelines
6/IAEC-16/2016	Division of Veterinary Animal Nutrition proposed to conduct Ph. D research work of their student on use of 15 numbers of Goat and 15 numbers of adult dairy cattle for feeding trials for evaluating the effect of hydrolyzed molasses treated mustard oil cake based ration on the performance of sheep and dairy cattle.	15 numbers of Goat and 15 numbers of adult dairy cattle	Approved Subject to follow CPCSEA guidelines

6.5.1.7. Committee for Prevention of Sexual Harassment of Women at Work Place:

A university level committee has been constituted in accordance with the Sexual Harassment of Women at Work Place (Prevention, Prohibition and Redressal Act, 2013). The committee comprises of Lady and Senior faculty members and one senior girl student.

Details of composition of committee on Sexual Harassment of Women at Work Place and date of proceedings:

S. No.	Year	Committee	Date of proceedings
1.	2016-17 to 2017-18	Dr. Mudassir Sultana Chairperson	16-01-2018 18-01-2018
		Dr. Vikas Sharma Member	22-01-2018
		Dr. Rajeev Bharat Member	
		Dr. Arti Sharma Member	
		Ms. Ramandeep Kour (PhD Student) Member	
		Smt Veena Gupta Member Secretary	
2.	2018-19	Dr. Shalini Suri Chairperson	27-09-2018 26-10-2018
		Dr. Vikas Sharma Member	
		Dr. Rajeev Bharat Member	
		Dr. Arti Sharma Member	
		Dr. Devanshi Pandit (PhD Student) Member	
		Dr. Asma Khan Member Secretary	
3.	2019-20		
4.	2020-21		

6.5.2. Faculty

Faculty of Veterinary Sciences & Animal Husbandry is positioned at R.S. Pura campus of the University.

6.5.2.1. Faculty strength

The total strength of the faculty of Veterinary Sciences & Animal Husbandry is given below:

Number of Faculty Positions					
Professor*		Associate Professor		Assistant Professor	
Sanctioned	Filled	Sanctioned	Filled	Sanctioned	Filled
19	3	32	15	61	45

* Including Dean and Associate Dean

6.5.2.2. Faculty profile (Department wise)

The division-wise faculty positions at FVSc & AH are presented below:

Division	Number of Faculty Positions					
	Professor		Associate Professor		Assistant Professor	
	Sanctioned	Filled	Sanctioned	Filled	Sanctioned	Filled
Animal Genetics and Breeding	1	-	3	-	4	3
Animal Nutrition	1	-	1	1	2	2
Livestock Production and Management	1	-	2	1	5	3
Livestock Products Technology	1	-	2	1	3	2
Veterinary Anatomy	1	-	2	2	4	1
Veterinary and Animal Husbandry Extension Education	1	-	1	-	2	2
Veterinary Gynaecology and Obstetrics	1	-	2	1	5	4
Veterinary Medicine	1	1	3	2	6	5
Veterinary Microbiology	1	-	2	-	2	1
Veterinary Parasitology	1	1	2	1	2	2
Veterinary Pathology	1	-	2	1	3	2
Veterinary Pharmacology and Toxicology	1	-	2	-	3	2
Veterinary Physiology & Biochemistry*	1	-	2	2	4	4
Veterinary Public Health & Epidemiology	1	-	1	-	2	3
Veterinary Surgery and Radiology	1	-	2	1	3	3
Teaching Veterinary Clinical Complex	1	-	2	2	5	3
Instructional Livestock Farm Complex	1	-	1	-	6	3
Dean	1	-	-	-	-	-
Associate Dean	1	1	-	-	-	-
Total	17+2*	2+1*	32	15	61	45

*Dean and Associate Dean

6.5.2.3. Credentials of the Faculty

The Faculty of Veterinary Sciences represents an amalgamation of bright scientific minds from all over the country. Amongst the total Faculty members, 95% have completed their Doctoral degree and the remaining only three scientists are either pursuing Ph.D. in-house or abroad. The faculty credentials of F.V.Sc. & AH is given below:

Division	PhD		MVSc	
	No.	%	No.	%
Animal Genetics and Breeding	4	100%	-	0%
Animal Nutrition	3	100%	-	0%
Livestock Production and Management	4	100%	-	0%
Livestock Products Technology	3	100%	-	0%
Veterinary Anatomy	2	66.6%	1	33.3%
Veterinary and Animal Husbandry Extension Education	1	50%	1	50%
Veterinary Gynaecology and Obstetrics	5	100%	-	0%
Veterinary Medicine	9	100%	-	0%
Veterinary Microbiology	-	0%	1	100%
Veterinary Parasitology	4	100%	-	0%
Veterinary Pathology	3	100%	-	0%
Veterinary Pharmacology and Toxicology	2	100%	-	0%
Veterinary Physiology & Biochemistry	6	100%	-	0%
Veterinary Public Health & Epidemiology	4	100%	-	0%
Veterinary Surgery and Radiology	6	100%	-	0%
Teaching Veterinary Clinical Complex	4	100%	-	0%
Instructional Livestock Farm Complex	3	100%	-	0%
Associate Dean	1	100%	-	0%
Total:	64	95.16%	3	4.83%

Apart from many honours and awards the following mentions are noteworthy-

1. Dr. Anish Yadav, Professor (VPA) and ICAR National Fellow conferred Member 2019, National Academy of Veterinary Sciences (NAVS)
2. Dr. Kamal Sarma, Professor (VAN) conferred Associate Member 2019, National Academy of Veterinary Sciences (NAVS)
3. Dr. Jonali Devi, Professor (VPB) conferred Associate Member 2019, National Academy of Veterinary Sciences (NAVS)
4. Dr Pawan Kumar Verma, Assistant Professor (VPT) conferred Associate Member 2019, National Academy of Veterinary Sciences (NAVS)

The credentials of the Faculty of veterinary Sciences & Animal Husbandry are provided below-

Name/ Designation/ Qualification	Work experience	Honours and awards	Excellence in teaching, or other demonstrated competencies and achievements that contribute to effective teaching and student learning outcomes
Animal Genetics & Breeding			
Dr. Nishant Kumar, Assistant Professor, Ph.D. (Animal Genetics & Breeding)	14 years Area of expertise e.g., Molecular Biology	<ul style="list-style-type: none"> • National merit scholarship in M.V.Sc.(ICAR-JRF) • Qualified CSIR-NET • Qualified National Eligibility Test (NET) conducted by • Indian Council of Agricultural Research (ICAR), NewDelhi. 	<ul style="list-style-type: none"> • Total No. of Publication (Referred Journals National and International): 40 • Book Chapters-07 • Manual-04 • Supervised M.V.Sc and Ph D students • Major Advisor -07 MVSc • Co-Guide-10 students • Ph D Co-Guide-03 • Co-PI of Research Project- 02 • Conferences/Seminar Organized: • Co- Organizing Secretary/Joint Organizing Secretary: 01 • Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective
Dr. Dharendra Kumar, Assistant Professor, Ph.D. (Animal Genetics & Breeding)	13 years Area of expertise e.g., Animal Genetics & Breeding	<ul style="list-style-type: none"> • Distinguished scientist Award • Excellence in teaching Award • Excellence in research award • Young Scientist Award (SAID) • Best Thesis Award • Young Scientist Award (Astha Foundation) 	<ul style="list-style-type: none"> • Total No. of Publication (Referred Journals National and International): 65 • Book Chapters-20 • Student advisory: MVSc-2 (Major Guide + 6 (Co-guide), Ph.D- 4 (Co-guide) • Books/Manuals/Monographs: • Books-10, • Manuals-4 • Monogram-2 • Organized training-04 • Research projects as PI : 01 (Characterization of Poonchi Chicken) • Co-PI of Research Project- 04 • Conferences/Seminar Organized: • Organizing Secretary -01(International Conference) • Convenor-01 (online International Conference) • Co- Organizing Secretary/Joint Organizing Secretary: 06 • Editor in Chief –International Journal of Life sciences and Applied Sciences

<p>Dr. Dibyendu Chakraborty, Assistant Professor, Ph.D. (Animal Genetics & Breeding)</p>	<p>11 years Area of expertise e.g., Animal Breeding & Molecular Biology</p>	<ul style="list-style-type: none"> • Institutional Scholarship during Ph.D. degree programme from National Dairy Research Institute, Karnal, Haryana • Qualified ICAR- NET, 2009, 2010 & 2011. • ISVM Appreciation Award -2013 • 2nd Oral Presentation – International Symposium – ISVM-2014 • 2nd Poster Presentation – International Symposium – ISVM-2014 • 1st Oral Presentation – National Symposium-SOCDAB-2016 • 2nd Poster Presentation - National Symposium- SOCDAB-2016 • SOCDAB Appreciation Award -2016 • Excellence in Scientific Writing Award of the Society for Bioinformatics and Biological Sciences, Allahabad for the year of 2015. • Best Oral Presentation Award-2nd National Conference of Society for Veterinary & Animal Husbandry Extension (SVAHE)-2017 • Appreciation Award – 2017-SBBS • Animal Breed Registration Certificate for Bhakarwali Goat • Best Poster Award - WE-2019 • Appreciation Award in WE-2019 • 3rd Best Poster Award- ISAGB-2019 • Best Oral presentation Award-2021 	<ul style="list-style-type: none"> • Total No. of Publication (Referred Journals National and International): 95 • Book Chapters-17 • Supervised M.V.Sc and Ph D students • Major Advisor -02 • Ph D Advisor -01 • MVSc Co-Guide-10 • Ph D Co-Guide-05 • Books/Manuals/Monographs: • Books-3, • Manuals-6 • Monogram-2 • ... Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective • Arranged special lectures for students preparing for JRF • Helping PG & Ph D students for data analysis and interpretation of data in their research problems • Helping PG & Ph D students for preparation of ICAR-NET, ARS & ICAR-SRF examinations • Organized training-01 • Research projects as Co-PI : 03 • Conferences/Seminar Organized: • Co- Organizing Secretary/Joint Organizing Secretary: 04
Animal Nutrition			
<p>Dr. R K Sharma, Professor & Head, Ph.D. (Animal Nutrition)</p>	<p>31 years (Area of expertise: Ruminant nutrition and feed technology)</p>	<ul style="list-style-type: none"> • Gold Medal (BVSc & AH) • IVRI-SRF (PhD) • Dr. S. K. Ranjhan Award for Best Doctoral Thesis in Animal Nutrition. • Fellow, Animal Nutrition Association, India • Fellow, National Academy of Veterinary Nutrition and Animal Welfare, India • Fellow, National Academy of Veterinary Sciences, India 	<ul style="list-style-type: none"> • Developed 11 lab manuals pertaining to UG/PG courses. • Supervised 3 PhD and 14 M.V.Sc. students as Major Advisor • Use of audio-visual aids for making teaching and learning interactive and more effective • Continuous evaluation of students through quizzes, mid-terms, end-term examinations, seminars, assignments and presentations.. • Conduct of practicals with prime focus on hand on experience. • Arranged and delivered special lectures for students preparing for ICAR JRF-NET and ARS examinations

		<ul style="list-style-type: none"> • Dr. S. P. Arora best paper award, Indian Journal of Animal Nutrition. • Seventeen best paper awards at National/International conferences. • Best innovator award, SIDAVES, India 	
Dr. Ankur Rastogi, Associate Professor, Ph.D. (Animal Nutrition)	15 years (Area of expertise: Ruminant nutrition and feed technology)	<ul style="list-style-type: none"> • ICAR-JRF (MVSc) • IVRI-SRF (PhD) • CSIR-NET • Associate Fellow, Animal Nutrition Society of India • Member, National Academy of Veterinary Sciences, India • Sixteen best paper awards at National/International conferences. • Best innovator award, SIDAVES, India 	<ul style="list-style-type: none"> • Developed 07 lab manuals pertaining to UG/PG courses. • Supervised 1 PhD and 11 M.V.Sc. students as Major Advisor • Use of audio-visual aids for making teaching and learning interactive and more effective • Continuous evaluation of students through quizzes, mid-terms, end-term examinations, seminars, assignments and presentations. • Conduct of practicals with prime focus on hand on experience. • Delivered lectures for students preparing for ICAR JRF-NET and ARS examinations
Dr. Anand Kumar Pathak, Assistant Professor, Ph.D. (Animal Nutrition)	11 years (Area of expertise: Animal nutrition)	<ul style="list-style-type: none"> • First rank with Honours in Animal Nutrition in MVSc • IVRI-SRF (Ph.D.) • ICAR-NET • Distinguished Scientist Award SBBS, 2015. • Best Reviewer Award from JAR in 2015. • Award for Excellence in Research from EET Delhi NCR in 2016. • Fellow Award-2018 from BSS, India. • Fellow Award-2018 from ISRD, UK. • Dr. Varghese Kurien Best Scientist Award (2017-2018) from BSS, India. • Conferred Associate Member of NAVS, India in 2018. • Publons peer Review Awards 2018. • Best Innovator Award SIDAVES in 2019. • Commendation Certificate from PPKS, Bareilly in 2019. • Fifteen Best paper awards in National/International conferences. • Recipient of 10 Certificate of Excellence in Reviewing from various International Journals. 	<ul style="list-style-type: none"> • Developed 02 lab manuals pertaining to UG/PG courses. • Supervised 08 M.V.Sc. students as Major Advisor • Use of audio-visual aids for making teaching and learning interactive and more effective • Continuous evaluation of students through quizzes, mid-terms, end-term examinations, seminars, assignments and presentations. • Conduct of practicals with prime focus on hand on experience.

Livestock Production and Management			
Dr. Asma Khan, Professor & Head, Ph.D. (Livestock Production & Management)	20 years Area of expertise Poultry Production & Management, Poultry Nutrition	<ul style="list-style-type: none"> • Junior Research Fellowship • Best Oral Presentation Award, 2nd National Conference of Society of Veterinary and Animal Husbandry Extension, 2017 • Best Poster Award, <i>ISAGB National Symposium, 2019</i> • Best Poster Award, 5th JK Agricultural Science Congress, 2019 	<ul style="list-style-type: none"> • Developed lab manuals pertaining to UG/PG courses. • Supervised M.V. Sc./Ph.D. students as Major Advisor • Established Stress Biology Laboratory in the division • Established cell biology laboratory in the division • Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective • Continuous evaluation of students. • Conducted practical's with prime focus on hand on experience. • Arranged special lectures for students preparing for NET and ARS examinations • Initiated Ph.D. programme in the Division
Dr. Dipanjali Konwar, Associate Professor, Ph.D. (Livestock Production & Management)	18 years Area of expertise Sheep and goat production, Stress biology of animals	<ul style="list-style-type: none"> • Junior Research Fellowship • Best Oral Presentation Award, 2nd National Conference of Society of Veterinary and Animal Husbandry Extension, 2017 • Best Poster Award, <i>ISAGB National Symposium, 2019</i> • Best Poster Award, 5th JK Agricultural Science Congress, 2019 	<ul style="list-style-type: none"> • Developed lab manuals pertaining to UG/PG courses. • Supervised M.V. Sc./Ph.D. students as Major Advisor • Established Stress Biology Laboratory in the division • Established cell biology laboratory in the division • Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective • Continuous evaluation of students. • Conducted practical's with prime focus on hand on experience. • Arranged special lectures for students preparing for NET and ARS examinations
Dr. Biswajit Brahma, Associate Professor, Ph.D. (Animal Biotechnology)	18 years Area of expertise Ruminant production, Stress biology of animals, genomics of disease resistance	<ul style="list-style-type: none"> • Gold Medalist, First class First in Masters programme. • Dr. S. P. Arora award (2002) for academic excellence. • Excellence in Research Award, Society for Bioinformatics and Biological Sciences • NDRI Junior Research Fellowship. • NDRI PhD Scholarship • University Merit Scholarship for UG Study: 1995-2000 • National Merit Scholarship from West Bengal Education Department • Best Oral Presentation Award, 2nd National Conference of Society of Veterinary and Animal Husbandry Extension, 2017 	<ul style="list-style-type: none"> • Developed lab manuals pertaining to UG/PG courses. • Supervised M.V. Sc students as Major Advisor • Established Stress Biology Laboratory in the division • Established cell biology laboratory in the division • Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective • Continuous evaluation of students. • Conducted practical's with prime focus on hand on experience. • Arranged special lectures for students preparing for NET and ARS examinations

		<ul style="list-style-type: none"> • Best Poster Award, <i>ISAGB National Symposium, 2019</i> • Best Poster Award, 5th JK Agricultural Science Congress, 2019 • Best Poster Award, Indian Ecological Society International Conference, 2016 • Best Oral Presentation Award, 4th JK Agricultural Science Congress, 2015 • Best Poster Award, 12th Agricultural Science Congress (ASC), 2015 • Best Poster Award, NIFTEM National conference, 2013 	
Livestock Products Technology			
Dr. Sunil Kumar, Professor & Head, Ph.D.	18 years Area of expertise: e.g., Dairy Technology and Meat Technology	<ul style="list-style-type: none"> • 2016 Literati Award, Emerald Literati Awards, Emerald Publishing Group, Bingley, United Kingdom. • Faculty Research Award by Careers 360 for Outstanding research Contribution in the area of Nutrition and Nursing at Trimurti Bhavan, Delhi on 20th March 2018. • Best Researcher Award of SKUAST-Jammu. Awarded on 20th September, 2018 on the Foundation Day of University 	<ul style="list-style-type: none"> • Supervised 3 M.V.Sc. students and 3 Ph.D. students as Major Advisor • Developed lab manuals pertaining to UG students as per VCI Syllabus • Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective. • Continuous evaluation of students. • Conducted more than 20 trainings on value addition of livestock products for unemployed youth and rural women with focus on hand on experience. • Institutionalized Ph.D. programme in the Division
Dr. Arvind Kumar, Assistant Professor, Ph.D. (Livestock Products Technology)	14 years Area of expertise e.g., Innovations in Functional foods for lifestyle disease prevention and its animal model validation 02 external funded research projects	<ul style="list-style-type: none"> • National/University merit scholarship in M.V.Sc and Ph.D • Qualified National Eligibility Test (NET) conducted by • Indian Council of Agricultural Research (ICAR), NewDelhi. • Young Scientist and Technologist, DST, Govt., of India • G P Sen endowment Young Scientist Award • Ram Raksha Kiran Shukla Gold Medal Award • 20 research paper awards at national and international symposium. 	<ul style="list-style-type: none"> • Developed lab manuals pertaining to UG/PG courses. • Supervised M.V.Sc students as Major Advisor • Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective • Continuous evaluation of students. • Conducted practical's with prime focus on hand on experience. • Arranged special lectures for students preparing for NET and ARS examinations and conducted mock tests

<p>Dr. Zuhaib Fayaz Bhat, Assistant Professor, Ph.D. (Livestock Products Technology)</p>	<p>11 years Area of expertise: e.g., Meat Science</p>	<ul style="list-style-type: none"> • Name included in Dean's Honor list for excellent academic work during PhD at Lincoln University, New Zealand, 2020. • Best Poster Presentation Award, NZIFST conference (2019), 02-04th July 2019, Christchurch, New Zealand. • Faculty Research Award (2018), Nutrition and Nursing, hosted by news magazine Careers-360 and awarded by Human Resource Development Ministry of India. • Best Poster Presentation Award, Lincoln University Postgraduate Conference-2018, 20-21st & 24th September 2018, Lincoln University, New Zealand. • 2016 Literati Award, Emerald Literati Awards, Emerald Publishing Group, Bingley, United Kingdom. • 2nd Best Poster Presentation Award, International Symposium and 7th Conference of Indian Meat Science Association, 10th to 12th November 2016, India. • Lincoln Doctoral Scholarship, Lincoln University, New Zealand. • Netaji-Subhas ICAR International Fellowship, ICAR, India. • Travel award 2019 by New Zealand Society for Biochemistry and Molecular Biology for ICOMST-2019, Berlin, Germany. • MacMillan Brown 2018, Lincoln University, New Zealand. • Lincoln University travel grant 2018 to attend ICOMST-2018 at Melbourne, Australia. 	<ul style="list-style-type: none"> • Supervised Six M.V.Sc. students as Major Advisor
Veterinary Anatomy			
<p>Dr. Shalini Suri, Professor and Head, Ph.D. (Veterinary Anatomy)</p>	<p>20 years of expertise in Veterinary Anatomy (Gross anatomy, histology)</p>	<ul style="list-style-type: none"> • M.V.Sc merit award • Best paper awards: 02 in no. 	<ul style="list-style-type: none"> • Developed lab manuals for B.V.Sc students and its time to time revision as per curriculum of VCI (VCI, 2016) • Initiated M.V.Sc & PhD programme in the Division • Guided 5 M.V.Sc and 2 PhD students as major advisor • Started histological processing work for major and minor students

	and histochemistry) of small ruminants (Bakerwali and Gaddi goats) and wild animals		<ul style="list-style-type: none"> • Initiated use of AV aids in teaching to make teaching more interactive • Delivered lead lectures in conferences • Written 2 book chapters • Time to time organized literary events • Organized WE-2019 National conference on women empowerment
Dr. Kamal Sarma, Professor, Ph.D. (Veterinary Anatomy)	22 years Area of expertise in Veterinary Anatomy (Gross morphology, Histology, Histochemistry and Immunohistochemistry)	<ul style="list-style-type: none"> • University merit scholarship in B.V.Sc. & A.H. and M.Sc. programme • Qualified National Eligibility Test (NET) conducted by Indian Council of Agricultural Research (ICAR), NewDelhi. • Qualified in I.C.A.R. J.R.F. for admission into M.V.Sc. programme • Awarded with the prestigious Associate membership for National Academy of Veterinary Sciences (India) (NAVS) in the year 2019. • Received Reviewer Excellence Award as Member of scientific Advisory Board in recognition of an outstanding contribution to quality of the journal in year 2016 and 2019 by Agricultural Research Communication Centre, Karnal 	<ul style="list-style-type: none"> • Developed lab manuals of UG courses. • Initiated Ph.D. programme in the Division as HOD • Supervised M.Sc./Ph.D. students as Major Advisor (6 nos.), as Co-advisor (7 nos.) and also of other Divisions as a Minor Guide (27 nos.) • Acted as Advisors to U.G. students • Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective • Continuous evaluation of Students for augmenting their knowledge • Conducted practical's with prime focus on hand on experience to ensure effective learning. • Arranged special lectures for students preparing for NET and ARS examinations and conducted mock tests • Supervisor, Tracking Programme for B.V.Sc. & A.H. students
Dr. Jasvinder Singh Sasan, Assistant Professor, MVSc (Veterinary Anatomy)	08 years Area of expertise in Veterinary Anatomy (Gross morphology, Histology and Histo-chemistry)	<ul style="list-style-type: none"> • University merit scholarship in M.V.Sc. programme • Qualified National Eligibility Test (NET) conducted by Indian Council of Agricultural Research (ICAR), NewDelhi 	<ul style="list-style-type: none"> • Developed lab manuals of UG courses. • Acted as Advisors to U.G. students • Minor guide (01) to the student of other Division • Effective use of audio-visual aids for teaching • Conducted practical's with main focus on effective learning • Expert lectures during different trainings
Veterinary and Animal Husbandry Extension Education			
Dr. S.A.Khandi, Assistant Professor, Ph.D (Veterinary & Animal Husbandry Extension Education)	11 years (Pastoral/Tribal Livestock Production)	<ul style="list-style-type: none"> • International Fellowship Award by the Government of Netherlands • Merit Certificate at M.V.Sc level • Merit Certificate at Ph D level • Budding Extensionst Award by the Society of Veterinary & Animal Husbandry Extension • Farmer lead Extension Award by the Society of Veterinary & Animal Husbandry Extension 	<ul style="list-style-type: none"> • Developed Practical Manuals for the UG courses • Supervised 06 M.V.Sc students and 02 under supervision • Supervising 01 Ph D student • Co-supervising two M.V.Sc students • Co-supervising two Ph.D students • Using various apps and interactive media for effective teaching – learning • Evaluating the students regularly with main focus on learning by doing

		<ul style="list-style-type: none"> Teaching Excellence Award by the Society of Biological Sciences & Bioinformatics Qualified NET conducted by ICAR Qualified SRF conducted by ICAR Represented the University at National Level in the Volley Ball and 100 mt running Received best paper award more than 10 times 	<ul style="list-style-type: none"> Conducted practical's under the real situation so the effective learning takes place Regularly organising trainings for the extension people and the farmer Developed training manuals/compendium for the farmers and extensionists
Dr. Pranav Kumar, Assistant Professor, MVSc (Veterinary & Animal Husbandry Extension Education)	14 years <ul style="list-style-type: none"> Assistant Professor 11 years 	<ul style="list-style-type: none"> Indian Society of Extension Education (ISEE)'s Fellow Award Indian Society of Extension Education (ISEE)'s Young Scientist Award Society of Agriculture Innovation and Development (SAID)'s Excellence in Extension award Society for Scientific Development in Agriculture & Technology (SSDAT)'s Best Author Award Best Oral Presentation Awards: 7 Best Poster Presentation Awards: 5 Appreciation awards: 5 Scholarship for attending "Organic Leadership Course (OLC) Program" by IFOAM Organics International, Germany Received 'Certificate of Achievement' on successful completion of "Organic Leadership Course (OLC) Program, South Asia" organised by IFOAM Organics International, Germany w.e.f. October 2017- August 2018 Selected as Guest Scientist to participate in a Module course on "Organic Livestock Farming and Products" for one Semester w.e.f Oct. 14th 2019 to Feb. 28th, 2020 by University of Hohenheim, Stuttgart, Germany Institutional Research Fellowship by Indian Veterinary Research Institute 	<ul style="list-style-type: none"> Developed lab manuals pertaining to UG courses. Supervised 8 M.V.Sc. students as Major & 9 as Minor Advisor Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective Continuous evaluation of students through quiz, mid & end term exams Conducted practical's with prime focus on hand on experience. Arranged special lectures for students preparing for JRF Books: 3, Edited books: 2, Contributory chapters in edited books: 17, Chapters in training manuals: 12, Extension Booklet: 2 Popular articles / Newspaper clippings: 22, Extension Folders: 54 Invited Papers / Lead papers published as Conference Proceedings: 6, Case studies: 5, Blog: 1 ; No. of Papers presented in Seminar/Conferences/Symposia: 24, Abstracts published: 46, Practical Manuals: 2, Field manuals: 7 Research Papers: 28, Review Papers: 07 Designed and developed web module on Scientific Dairy Practices (WMSDP), Scientific Broiler Farming(BroiLearn) & Organic Dairy Farming Expert Lectures delivered as a resource person : 17 Co-organizing Secretary: International Conference (1) Core member committee: National conference (1) Co- organizing secretary/coordinator/convener of Training Programmes /Kisan mela/ Extracurricular activities: 8 Editor of <i>Kasturi</i>- an annual literary magazine of Faculty of Veterinary Sciences and Animal Husbandry, SKUAST-Jammu Nodal Officer at faculty level for display of the exhibits in Kissan Melas Team coordinator for University's Village Visit Programmes No. of Training Programmes attended : 9 MOOC completed : 2 Reviewer (7 No. of Journals), Editorial Board member (3 Journals)

Veterinary Gynaecology and Obstetrics		
Dr. Utsav Sharma, Professor & Head, Ph.D (Veterinary Gynaecology and Obstetrics)	20 Years Area of Specialization: Animal Reproduction Gynaecology and Obstetrics	<ul style="list-style-type: none"> • CSIR – SRF • Best research paper award, Intas Polivet, 2007 • Best poster presentation award by the Indian Society for Veterinary Surgery (ISVS), 2011 • First Best Poster Presentation award by Society for Veterinary & Animal Husbandry Extension (SVAHE) 2017. • Second Best Poster Presentation award by SVAHE, 2017. • 2nd Best Poster award in International conference on GRISAAS 2017
Dr. Sanjay Agarwal, Assistant Professor, Ph.D (Veterinary Gynaecology and Obstetrics)	16 Years Area of Specialization: Animal Reproduction Gynaecology and Obstetrics	<ul style="list-style-type: none"> • ICAR-JRF • Book Prize Certificate award for highest marks in MVSc • Best research paper award, Intas Polivet, 2007 • Best poster presentation in seminar organized by RASSA at SKUAST-J, 2019
Dr. Nishi Pande, Assistant Professor, Ph.D (Veterinary Gynaecology and Obstetrics)	19 Years Area of Specialization: Animal Reproduction Gynaecology and Obstetrics	<ul style="list-style-type: none"> • University Merit Scholarship from JNKVV, Jabalpur during B.V.Sc. & A.H. • Junior Research Fellowship from Indian Council of Agricultural Research ICAR) during M.V.Sc. from Centre of Advanced Studies, Deptt. of Animal Reproduction, Gynaecology and Obstetrics, CoVSc., PAU, Ludhiana. • Nominated as Vice-President of students union in the College of Vety Sci. & A.H, Jabalpur in 1995-96 for having distinguished meritorious performance during BVSc. & A.H. • ‘Certificate of Honour’ awarded by Nanaji Deshmukh Veterinary Science University, Jabalpur, for high OGPA (8.934/10.00) in PhD. • Best Oral Presentation Award for research paper presented at the 2nd National Conference of Indian Academy of Veterinary Nutrition and Animal Welfare at F.V.Sc. & A.H., SKUAST-J, R.S. Pura, Jammu, 19-21 September 2013.

		<ul style="list-style-type: none"> • Best poster presentation awards (2) for co-authored papers • Felicitated with best (female) teacher award by 4th year students at Teacher's day Celebration–in 2014, 2017 & 2019 held at Conference hall of FVSc. & AH, R,S,Pura. • Associate Member and Fellow of Academy of Sciences for Animal Welfare (ASAW) – F-274/2018 	
Dr. Sudhir Kumar, Assistant Professor, Ph.D (Veterinary Gynaecology and Obstetrics)	18 Years Area of Specialization: Animal Reproduction, Veterinary Gynaecology & Obstetrics	<ul style="list-style-type: none"> • Best Poster Presentation Award in XIII Annual Convention of Society for Conservation of Domestic Animal Biodiversity held on Feb 11-12, 2016 at SKUST-J. • Best Poster Presentation Award in 2nd National Conference of society for Veterinary and Animal Husbandry Extension held on 10-12 April, 2017 at SKUAST-Jammu. • Best Poster Presentation in International Conference on Global Research Initiatives for Sustainable Agriculture and Allied Sciences held on December 2-4, 2017 at MPUAT (Rajasthan) • Best Poster Presentation Award in RASSA National Seminar Nov. 19-20, 2018, SKUAST-J. • Best PhD Thesis Award by SIDAVES on Feb. 7-8, 2019 at SKUAST-Jammu. • Runner Up Poster Presentation Award in SIDAVES on Feb. 7-8, 2019 at SKUAST-Jammu. 	<ul style="list-style-type: none"> • Assisted in development of lab manuals pertaining to UG/PG courses. • Supervising MVSc students. • Attended 12 conferences, 05 Summer/Winter schools/Trainings/Workshops. • Fellow of Academy of Science for Animal Welfare (ASAW) • Membership of Scientific and professional Societies • Reviewer of National Journals
Dr. Anil Kumar Pandey, Assistant Professor, Ph.D (Veterinary Gynaecology and Obstetrics)	18 Years Area of Specialization: Animal Reproduction, Veterinary Gynaecology & Obstetrics	<ul style="list-style-type: none"> • University Fellowship from GBPUA&T, Pant Nagar during M.V.Sc. • Junior Research Fellowship in ad hoc project from UP Council of Agricultural Research (UPCAR) during M.V.Sc. • Best oral paper presentation in conference/seminar/symposium-Two • Best poster paper presentation in conference/seminar/symposium-Six 	<ul style="list-style-type: none"> • Assisted in development of lab manuals pertaining to UG/PG courses. • Supervised 01 MVSc student. • Attended 23 conferences, 05 Summer/Winter schools/Trainings/Workshops. • Extended 15 trainings in extension and 03 trainings for teachers/students and non-teaching staff. • Membership of Scientific and professional Societies • Reviewer of National Journals

Veterinary Medicine			
Dr. Rajiv Singh, Professor & Head, PhD	Total 27 years	<ul style="list-style-type: none"> • Fellow-2018, National Academy of Veterinary Science, New Delhi • Fellow-2014, National Academy of Dairy Science, Karnal • Fellow-2018, Academy of Sciences for Animal Welfare, Bareilly • Star Scientist Award by the Sher-e-Kashmir University of Agricultural Sciences & Technology of • Jammu (SKUAST-J), Jammu, India, 2020. • Young Scientist Award-2004, J&K State Science Technology & Innovation Council DST, J&K State Government for the year • 2004. • Appreciation Award in 5th J&K Science Congress at SKUAST-Jammu, India, 14-16 Oct., 2019. • Appreciation award by the Society for Integrated Development of Agriculture, Veterinary and • Ecological Sciences (SIDAVES) in WE-2019. • Best Paper Presentation Awards-20 	<ul style="list-style-type: none"> • Developed lab manuals pertaining to UG course. • Developed PPT format for teaching of UG and PG classes. • Guided PG students.
Dr. Rajesh Agrawal, Associate Professor, PhD	17 years	<ul style="list-style-type: none"> • University Merit Scholarship from IGKVV, 1995-2000. • JRF during MVSc under NATP project (2001-2002) • C.M. Singh Trust Award-2001 • Honors certificate awarded during PhD degree • Seven Best poster presentation awards as co-author • Associate Member and Fellow of Academy of Sciences for Animal Welfare (ASAW) 2018 	<ul style="list-style-type: none"> • Developed lab manuals pertaining to UG course. • Developed PPT format for teaching of UG and PG classes. • Guided PG students. • Delivered special lectures for students preparing for JRF.
Dr. Neelesh Sharma, Assistant Professor, PhD	15 years	<ul style="list-style-type: none"> • ICAR International Fellowship-2010-11 by ICAR, New Delhi, India. • National Academy of Agricultural Sciences (NAAS) Associate Award-2016. 	<ul style="list-style-type: none"> • Developed lab manuals pertaining to UG course. • Developed PPT format for teaching of UG and PG classes. • Guided PG students.

		<ul style="list-style-type: none"> • Star Scientist Award by the Sher-e-Kashmir University of Agricultural Sciences & Technology of • Jammu (SKUAST-J), Jammu, India, 2018. • IAAVR Outstanding award-2011, Bareilly, India. • The Bronze Standard International Award For Young Peoples by HRH The Duke of Edinburgh, 1999. • Gold Medal Award for excellence in Ph.D., 2014. • Graduate Student Award by WAAP, Beijing, China, 2013. • Outstanding presentation award by KAST, South Korea, 2013. • Outstanding Research Scholarship award-2012 by AAAP, Thailand, 2012. • Grant award for Conference by IVIS-2012. • Merit Scholarship of Jeju National University, Jeju, South Korea, 2011. • Summer Research Fellowship-2009 by Indian Academy of Sciences, Bangalore. • Outstanding Achievement Award 2020 for significant contribution in Animal Science by the • Association of Animal Scientists, Jabalpur, M.P., India. • Fellow Award-2017” by the “Bose Science Society” (No.: F 376/BSS/2017) • Dr Verghese Kurien Best Scientist Award-2018 by the Bose Science Society, TN, India, 2018. • Dr. D.C. Blood Gold Medal Award in Bovine Medicine by the Indian Society for the Veterinary • Medicine. • Appreciation Award for significant contribution in the Veterinary Internal and Preventive Medicine 	
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Dr. S. R. Upadhyay, Assistant Professor, PhD	18 years	<ul style="list-style-type: none"> • Young Scientist Award-2005 by Government of • Chhattisgarh. • Young Scientist Award 2005 by the Indian Society for Veterinary Medicine. • Dr. R. Verma Young Scientist Consolation Award by • Indian Association for The Advancement of Veterinary Research • Appreciation Award-2005 by the Indian Society for • Veterinary Medicine. • Best Paper/Poster Presentation Award (07) • Appreciation Award 2019 By Indian Society For • Advancement Of Canine Practice (ISACP) 	<ul style="list-style-type: none"> • Developed lab manuals pertaining to UG course. • Developed PPT format for teaching of UG and PG classes. • Guided PG students.

		<ul style="list-style-type: none"> • Merit cum Means Scholarship during B.V.Sc. and A.H. Honours in M.V.Sc. • University Merit Scholarship and Certificate of Merit in Ph.D. 	
Dr. Rajinder Kumar Bhardwaj, Assistant Professor, PhD	16 years	<ul style="list-style-type: none"> • Gold Medal in B.V.Sc & A.H for obtaining highest OGPA in the batch. • Merit certificate in M.V.Sc • Merit scholarship in M.V.Sc • Qualified written exam of ARS-2006. • Qualified ARS-2007. • Awarded Senior Research Fellowship for Phd in 2009. • Qualified KAS-2009. • Best Paper/Poster Presentation Award (30) • Distinguished Service Award 2014 by Millennium India Education Foundation, Heart Care Foundation of India, ICAR and DST. • Distinguished Service Award 2015 by Millennium India Education Foundation, Heart Care Foundation of India, ICAR and DST. • University Merit Scholarship and Certificate of Merit in Ph.D. 	<ul style="list-style-type: none"> • Developed lab manuals pertaining to UG course. • Developed PPT format for teaching of UG and PG classes. • Guided PG students. • Delivered special lectures for students preparing for JRF.
Dr. Abha Tikoo, Assistant Professor, PhD	24 years	<ul style="list-style-type: none"> • University merit certificate in M.V.Sc. • University merit certificate in Ph. D • 3 best poster presentation awards 	<ul style="list-style-type: none"> • Developed lab manuals pertaining to UG course. • Developed PPT format for teaching of UG and PG classes. • Guided PG students.
Veterinary Microbiology			
Dr. Sabahat Gazal, Asst. Professor, MVSc	08 yeras		<ul style="list-style-type: none"> • Pursuing Ph.D.
Veterinary Parasitology			
Dr. Rajesh Katoch, Professor & Head, Ph.D. (Veterinary Parasitology)	30 years In Teaching, Research & Extension	<ul style="list-style-type: none"> • Awarded Dr. J.P. Dubey young scientist award of year 1997. • Ismail oration Award IAAVP Mumbai,(India) 2010. • SC Parija Oration Award IAAVP Thrissur, Kerala 2014. • Awarded Gang Man Sharma award for best publication on Pack animals 2001 	<ul style="list-style-type: none"> • Developed lab manuals pertaining to UG courses. • Supervised 08 M.V.Sc. students & 07 Ph.D. students as Major Advisor (01 MVSc & 01 Ph.D pursuing) • Used audio-visual aids for making teaching and learning interactive and more effective • Continuous evaluation of students. • Conducted practical's with prime focus on hand on experience. • Arranged special lectures for students preparing for NET and

		<ul style="list-style-type: none"> • Fellow of IAAVP 2017 	<ul style="list-style-type: none"> • ARS examinations and conducted mock tests • Initiated MVSc & Ph.D. programme in the Division • Collected specimens for museum
Dr. Anish Yadav, Professor and ICAR-National Fellow, Ph.D. (Veterinary Parasitology)	20 years and 6 months Area of expertise: Veterinary Protozoology, Entomology, Molecular Parasitology and Immuno Parasitology.	<ul style="list-style-type: none"> • Dr. N.S. Ruprah Oration Award- 2019 by IAAVP • Star Scientist Award-2018 by S.K. University of Agricultural Sciences & Technology of Jammu • Dr. D.P. Banerjee Oration Award- 2018 by IAAVP • ICAR National Fellow Award 2017 • Outstanding Achievement Award -2017 by SBBS • Dr. J.P. Dubey Young Scientist Award -2010 by Indian Association for Advancement of Veterinary Parasitology. • Awarded best research papers presentations (oral/poster) in various national conferences: 13 no. & international conferences: 3 numbers • Awarded international fellowship by University of Santiago de Compostela, Spain to attend the Research Programme at Faculty of Veterinary Sciences, Lugo, Spain in 2012 and 2014. 	<ul style="list-style-type: none"> • Developed lab manuals pertaining to UG/PG courses. • Collection of specimens for Lab museum • Supervised M.Sc. (06)/Ph.D. (4) students as Major Advisor • Used audio-visual aids for UG and PG teaching • Delivered lectures for students preparing for ICAR-JRF examinations and conducted mock tests • Development of ICAR- National Fellow Lab having modern molecular and immunological disease diagnostic facilities • Established prevalence and assessed economic losses incurred by goat warble fly infestation in goats of Jammu region for first time • Devised and recommended novel prophylactic economical treatment regimen (single dose of injectable ivermectin (@5µg/kg body weight) for goat warble fly infestation resulting in reduced Cost of ivermectin application by 1/40th times and can be used for eradication campaign • Epidemiological mapping of GIT parasites of livestock in Jammu region of J&K • Devised deworming schedule for livestock of Jammu region • Assessed significance of <i>Cryptosporidium</i> as diarrhoeal agent in livestock (cattle, sheep and goats) and Human (children and HIV patients) of Jammu region. • Reported <i>Cryptosporidium ubiquitum</i> for first time in India.
Dr. Rajesh Godara, Assistant Professor, Ph.D. (Veterinary Parasitology)	19 years Area of expertise: Entomology and Acarology, Acaricide resistance	<ul style="list-style-type: none"> • Qualified National Eligibility Test (NET) conducted by • Indian Council of Agricultural Research (ICAR), New Delhi • Awarded best research papers presentations (oral/poster) in various national conferences: 05 no. 	<ul style="list-style-type: none"> • Developed lab manuals pertaining to UG/PG courses: 02 no. • Collection of specimens for Lab museum • Supervised M.V.Sc. students as Major Advisor (05 no.) and Ph.D. students as Major Advisor (01 no. Pursuing) • Used audio-visual aids for making teaching and learning interactive and more effective • Continuous evaluation of students • Conducted practical's with prime focus on hand on experience • Arranged special lectures for students preparing for NET examination • Established acaricidal resistance in ticks of Jammu region against commonly used ectoparasitocidal • Evaluated efficacy of medicinal plants available in Jammu region against economically important tick species

Dr. Sanku Borkataki, Assistant Professor, Ph.D. (Veterinary Parasitology)	14 years Area of expertise: Maggot Therapy, Zoonotic Parasitology, Veterinary Protozoology	<ul style="list-style-type: none"> • Awarded best research papers presentations (oral/poster) in various national conferences: 09 no. & international conferences: 03 numbers • Research Excellence Award 2020 • Best PhD thesis award – • 2019, SIDAVES, • SKUAST-J 	<ul style="list-style-type: none"> • Developed laboratory manuals pertaining to UG courses. • Collection of specimens for Lab museum • Preparation of permanent mounting of wild life parasite slide as well as helminths and entomological slides for students demonstration • Supervised M.Sc. students as Major Advisor (01 no.) • Used audio-visual aids for UG and PG teaching • Development of maggot debridement therapy facilities for chronic wound healing in animals • Rare species of parasites collected and preserved from different wild life as well as different zoonotic helminths were collected from pet animals for student demonstration • Early wound healing by using maggots of <i>Lucilia sericata</i> and <i>Chrysomia megacephala</i> in experimental animals were the first time report from India was established • Diabetic wound healing occurs quickly through maggot therapy also reported first time from India in experimental animals.
Veterinary Pathology			
Dr. Nawab Nashiruddullah, Professor, & Head, Ph.D. (Veterinary Pathology)	19 years Area teaching and 22 years research experience in Animal Pathology (Wildlife and Pathology of Infectious diseases)	<ul style="list-style-type: none"> • AAU Merit Scholarship in B.V.Sc. & A.H. • AAU Merit Scholarship in M.V.Sc. 	<ul style="list-style-type: none"> • Developed lab manuals pertaining to UG/PG courses. • Supervised M.Sc./Ph.D. students as Major and Minor Advisor • Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective • Continuous evaluation of students. • Conducted practical's with prime focus on hand on experience. • HoD for more than 6 years
Dr. Shilpa Sood, Associate Professor, Ph.D.	17 years In teaching research and extention Area of expertise: Diseases of poultry, molecular carcinogenesis	<ul style="list-style-type: none"> • Merit Stipend throughout the MVSc Program • Merit Scholarship throughout BVSc & AH • Graduate Research Assistantship for PhD at University of Tennessee, USA • Travel award Dept of BDS, CVM, UT, Tennessee, during PhD at UT, USA 	<ul style="list-style-type: none"> • Developed lab manuals pertaining to UG/PG courses. • Supervised M.Sc./Ph.D. students as Major and Minor Advisor • Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective • Continuous evaluation of students. • Conducted practical's with prime focus on hand on experience.
Dr. Shafiqur Rahman, Assistant Professor, Ph.D. (Veterinary Pathology)	11 years teaching, research and extension Area of experience in Animal Pathology	<ul style="list-style-type: none"> • Dr.V.A.Sapre Award and Silver Medal for Topping in B.V.Sc & A.H Examination. • Dr.V.A.Sapre Award and Silver Medal for Highest Marks in CLINICAL MEDICINE. • Recipient of Senior Research Fellowship (SRF) for Doctoral Programme at ICAR-IVRI 	<ul style="list-style-type: none"> • Developed lab manuals pertaining to UG/PG courses. • Supervised M.Sc./Ph.D. students as Major and Minor Advisor • Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective • Continuous evaluation of students. • Conducted practical's with prime focus on hand on experience.

		<ul style="list-style-type: none"> • Qualified National Eligibility Test (NET) conducted by ICAR 	<ul style="list-style-type: none"> • Instructor for orientation-cum-JRF coaching to internees and final year B.V.Sc & AH. students. • Educational visit for UG students at Manda Zoo, Jammu • Educational visit for demonstration of fish hatchery for UG students at Govt. Fish Farm, Ghowmanhasa, Jammu • Educational visit/tour for demonstration of Integrated Farming System for UG students at FSR, SKUAST-J, Chatha
Veterinary Pharmacology and Toxicology			
Dr. Pawan Kumar Verma, Assistant Professor, Ph.D. (Veterinary Pharmacology & Toxicology)	16 years Teaching (UG & PGs) Research (Area of expertise Disease models creation and their evaluation (in-vitro and in-vivo) Extension as per university curriculum (MGMG, village visit and Revisit)	<ul style="list-style-type: none"> • Junior Research Fellowship (JRF) during Master Programme at IVRI, Izatnagar • Qualified National Eligibility Test (NET) conducted by ICAR, New Delhi. • Young Scientist Award 2011 awarded by State DST, J&K, India • University Merit Certificate in Doctoral programme (SKUAST-Jammu) • Associate Fellowship of Indian Society of Veterinary Pharmacology and Toxicology (ISVPT-2019), Mannuthy, Kerala • Associate Membership of National Academy of Veterinary Sciences (NAVS-2019), Gandhi Nagar, Gujarat • Best Research Paper published in JVPT-2019, DUVASU, Mathura • Executive Member, Indian Society of Veterinary Pharmacology and Toxicology (ISVPT) • Executive Member, Society of Toxicology (STOX) of India for 2017-2019. • Best Oral Presentation Award 2017, 2020 during international conference organized by Society for bioinformatics and Biological Sciences, Hisar • Best Poster Presentation Award 2019 Bikaner, Rajasthan India. • Research Excellence Award 2019 by Institute of scholars, Bangalore, INDIA 	<ul style="list-style-type: none"> • Developed laboratory manuals pertaining to UG/PG courses. • Develop infrastructure for conducting practical classes of UG and PGs students • Highlighting and conducting divisional research projects on niche areas • Supervised M V Sc and PhD students as major advisor and as advisory member • Developing disease models (diabetic, hepatoprotective, nephroprotective, cardioprotective, neuroprotective, etc) for the evaluating drug safety and efficacy. • Develop antioxidant biomarkers laboratory for their evaluation during diseases and toxicities in experimental and clinical cases • Advisory member committee, for advising students for qualifying JRF and NET/ARS exams • As expert member for delivering lectures in seminars/ symposia/ short course/ training, etc. • Hand on training to students in UG and PG students/ trainees • Used audio-visual aids and PPTs for making teaching and learning interactive and more effective

Dr. Nrip Kishore Pankaj, Assistant Professor, (Veterinary Pharmacology & Toxicology) Ph.D.	15 years Area of expertise e.g., Veterinary Pharmacology and Toxicology	<ul style="list-style-type: none"> • 1st Prize in Inter-University Essay organized by C.V. Sc & A.H., Jabalpur. • Qualified National Eligibility Test (NET) conducted by • Indian Council of Agricultural Research (ICAR), New Delhi. • Outstanding Thesis Award for PhD thesis during the “International Conference on advances in Agricultural and applied Sciences for food security” on 13th-15th May, 2017 at Kathmandu, Nepal vide F.N.MSL 118/2107. • Best Oral Presentation Award during the “International Conference on advances in Agricultural and applied Sciences for food security” on 13th-15th May, 2017 at Kathmandu, Nepal. 	<ul style="list-style-type: none"> • Developed lab manuals pertaining to UG course. • Developed integrated lab book for UG/PG courses. • Supervised M.V. Sc. Students as Major Advisor • Supervising PI, WOS-B, DST as mentor. • Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective. • Conducted regular online classes during lockdown due to COVID-19. • Continuous evaluation of Students using Assignments as tools. • Conducted practical classes to UG and PG students to have hands on experience. • Arranged special lectures for students preparing for JRF examinations.
Veterinary Physiology & Biochemistry			
Dr. Jonali Devi, Professor & Head, PhD (Veterinary Physiology)	20 years teaching experience in Veterinary Physiology and 21 years research experience in reproductive Physiology stress Physiology and endocrinology	<ul style="list-style-type: none"> • University Merit scholarship during B.V.Sc. and M.V.Sc. • Awarded “Excellent in teaching award” by the Society for Bioinformatics and Biological Sciences (SBBS) for the year 2017 • Awarded with the prestigious Associate membership for National Academy of Veterinary Sciences (India) (NAVS) in the year 2019. 	<ul style="list-style-type: none"> • Established Physiology Laboratory at its beginning and also continuously developed Physiology & Biochemistry laboratory during the tenure as HoD. • Started PhD degree in the division in two subjects: Veterinary Physiology and Veterinary Biochemistry as HoD. • Developed Lab Manuals to UG & PG courses • Acted as Major Advisor of MVSc (5) & Ph D (3) students and also of other Divisions as a Minor Guide (46 students). • Acted as Advisors to U.G. students • Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective • Continuous evaluation of Students for augmenting their knowledge • Conducted practical’s with prime focus on hand on experience to ensure effective learning. • Arranged special lectures for students preparing for NET and ARS examinations and conducted mock tests • Advisor, Study Circle for B.V.Sc. & A.H. students. • Actively involved in extracurricular activities of students in various University and Faculty level cultural programs.
Dr. Puspendra Saswat Mahapatra, Professor,	21 years Area of experience:	<ul style="list-style-type: none"> • ICAR fellowship during B.V.Sc & A.H. 	<ul style="list-style-type: none"> • Developed Lab. Manuals to UG & PG courses

PhD (Veterinary Physiology)	1. Stress Physiology, 2. Reproductive Physiology 3. Stem Cell Technology	<ul style="list-style-type: none"> University Merit scholarship during M.V.Sc M.V.Sc: Gold Medalist 4. Best Ph D Thesis Award by SAPI (2016) 	<ul style="list-style-type: none"> Supervised MVSc (3) & Ph D (continuing) students Used audio-visual aids & PhysioEx4 software for making teaching/practical demonstration interactive & effective Special lectures delivered to students preparing for NET & ARS Guided 1st ever MVSc student of the division.
Dr. Jafrin Ara Ahmed, Associate Professor., PhD (Veterinary Physiology)	19 years Area teaching and 18 years research experience in Animal Physiology (Cardiac and Reproductive Physiology)	<ul style="list-style-type: none"> WBUAFS Merit Scholarship in M.V.Sc. 	<ul style="list-style-type: none"> Developed lab manuals pertaining to UG/PG courses. Supervised M.Sc./Ph.D. students as Major and Minor Advisor Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective Continuous evaluation of students. Conducted practical's with prime focus on hand on experience.
Dr Pratiksha Raghuwanshi, Assistant Professor, Ph. D. (Animal Biochemistry)	12 years 10 months	<ul style="list-style-type: none"> ICAR-JRF by ICAR, New Delhi (2002) ICMR-JRF, ICMR, New Delhi (2002) IVRI-SRF, IVRI, Izatnagar (2004) CSIR-JRF and NET, CSIR, New Delhi (2006) Member, NAVS, India (2020-21) Excellence in Teaching award by Society for Bioinformatics and Biological Sciences for the year 2018. Best paper/Poster awards at various National and International conferences (11 no.) 	<ul style="list-style-type: none"> Developed lab Manuals pertaining to UG courses (10 no.). Supervised 06 M.V.Sc. and 03 PhD students as major advisor. Used audio visual aids for teaching & learning more interactive and effective. Continuous evaluation of UG, PG and PhD students Conducted practicals with prime focus on hand on experience for UG, PG and PhD students Arranged special lectures for UG students preparing for ICAR entrance tests for PG admission. Developed "VETVALUES" android app, as an effective learning tool.
Dr. Aditi Lal Koul, Assistant Professor, Ph. D. (Veterinary Biochemistry)	15 years of expertise in Molecular Biology and Clinical Biochemistry	<ul style="list-style-type: none"> IIIrd Best poster presentation in IAVNAW, 2015. <ul style="list-style-type: none"> IInd Best poster in SOCDAB, 2016. Best oral presentation in SBBS, 2017. Best Poster presentation in Virtual International Conference on "Promising Genetic and Genomic Technologies – Frontier in Selection and Animal Improvement", 2021. <ul style="list-style-type: none"> Best Paper Award, SVBBI-2021 -Inspiring Lady Veterinarian Award-2021 by Pashudhan Praharee under Academia. 	<ul style="list-style-type: none"> Developed 03 No of UG lab manuals Authored 13 Book Chapters & Compendium/ Souvenir chapter (04 No) Supervised 1 no. of M.V.Sc. students as Major Advisor and Minor advisor to over 40 PG and 3 PhD scholars. Used audio-visual aids & smart class rooms for interactive learning. Continuous evaluation of students. Conducted practicals with prime focus on hand on experience. As a part of numerous Faculty level and University level committees is actively involved in extracurricular activities of students as part of the University level Cultural committees. NSS Course Instructor.

Dr. Kwardeep Kour, Assistant Professor, Ph. D. (Veterinary Physiology)	13 years of expertise in reproductive endocrinology and stress physiology	<ul style="list-style-type: none"> • IInd Best poster in SOCDAB, 2016. • Best Poster presentation in Virtual International Conference on “Promising Genetic and Genomic Technologies – Frontier in Selection and Animal Improvement”, 2021. • Best Paper Award, SVBBI-2021 	<ul style="list-style-type: none"> • Developed 03 No of UG lab manuals • Authored 5 Book Chapters & Compendium/ Souvenir chapter (08 No) • Supervised 1 no. of M.V.Sc. students as Major Advisor and Minor advisor to over 5 PG and 1 PhD scholars. • Used audio-visual aids and smart class rooms for effective learning • Continuous evaluation of students. • Conducted practicals with prime focus on hand on experience. • -As a part of numerous Faculty level and University level committees is actively involved in extracurricular activities of students as part of the University level Cultural committees. • -NSS Course Instructor.
Veterinary Public Health & Epidemiology			
Dr. M.A. Malik, Professor and Head, Ph.D. (Veterinary Public Health and Epidemiology)	15 years as field veterinarian + 19 years as scientist in University = 34 years	<ul style="list-style-type: none"> • Best Oral Presentation award at the National Conference of ‘Innovative Technological interventions for Doubling Farmer’s income’ organized at SKUAST-Jammu from 8-10, February. 2018. • Conferred Appreciation award in National Symposium on ‘Ecological sustainable plant disease management under diversified farming situation’ organized by SKUAST-Jammu from 13-14 November, 2017. • Certificate of Appreciation for acting as Co-chairman in session <i>Animal resource management and development in the dairying/goat farming doe socio-economic benefits</i> at the National Conference of ‘Innovative Technological interventions for Doubling Farmer’s income’ organized at SKUAST-J from 8-10, Feb. 2018. 	<ul style="list-style-type: none"> • Supervised MVSc and Ph.D students as Major Advisor • Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective • Continuous evaluation of students.
Dr. Mohd Rashid, Associate Professor, Ph.D. (Veterinary Public Health)	31 years Area of expertise e.g., Foodborne pathogens and Zoonoses	<ul style="list-style-type: none"> • National/University merit scholarship in Ph D • Qualified National Eligibility Test (NET) conducted by • Indian Council of Agricultural Research (ICAR), NewDelhi. 	<ul style="list-style-type: none"> • Developed lab manuals pertaining to UG/PG courses. • Supervised M.Sc./Ph.D. students as Major Advisor • Used audio-visual aids and smart class rooms for effective learning • Continuous evaluation of students. • Conducted practical’s with prime focus on hand on experience. • Arranged special lectures for students preparing for NET and ARS examinations and conducted, mock tests

<p>Dr. Harsh Kumar Sharma, Assistant Professor, Ph.D. (Veterinary Public Health and Epidemiology)</p>	<p>8 years as field veterinarian + 15 years, 4 months and 12 days as scientist Area of expertise e.g., Zoonoses, environment hygiene, food safety and Epidemiology</p>	<ul style="list-style-type: none"> • University Merit Certificate in Doctor of Philosophy • Best Poster Award (Ph.D Research Work) International Symposium on One Health: Way Forward to Challenges in Food Safety and Zoonoses in 21st Century and XIth Annual Conference of IAVPHS organized by School of Public Health and Zoonoses, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana in Collaboration with: University of Saskatchewan, Canada w.e.f 13th – 14th December, 2012. • Best Oral Presentation. 2nd National Indian Academy of Veterinary Nutrition and Animal Welfare (IAVNAW) Conference organized by Division of Animal Nutrition, F.V.Sc. & A.H., SKUAST Jammu, India. w.e.f. 19th September to 21st September, 2013. • Awarded 40 European Continuing Medical Education Credits (ECMEC) by European Accreditation Council for Continuing Medical Education (EACCME) for attending and participating by presenting E-Poster in 6th World One Health Congress, 2020. 	<ul style="list-style-type: none"> • Developed lab manuals pertaining to UG courses. • Supervised M.Sc. students as Major Advisor- 05(FIVE) • Associated actively in all the below mentioned activities at divisional level: <ul style="list-style-type: none"> • Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective • Continuous evaluation of students. • Conducted practicals with prime focus on hand on experience.
<p>Dr. Maninder Singh, Assistant Professor, Ph.D. (Veterinary Public Health and Epidemiology)</p>	<p>11 years Area of expertise. The working areas are zoonoses, food hygiene and veterinary epidemiology</p>	<ul style="list-style-type: none"> • 2010 Qualified Senior Research Fellowship of Indian Council of Agricultural Research for Ph.D • 2009 Qualified Junior Research Fellowship of University Grants commission- Council of Scientific and Industrial Research for Ph.D • 2009 Qualified Junior Research Fellowship of Indian Council of Medical Research for Ph.D • 2007 to 2009 Recipient of Junior Research Fellowship of Indian Council of Agricultural Research to pursue Master in Veterinary Science • 2007 University Gold Medal in Bachelor of Veterinary Sciences and Animal Husbandry • 2007 Merit Certificate in Bachelor of Veterinary Sciences and Animal Husbandry 	<ul style="list-style-type: none"> • Developed lab manuals pertaining to UG courses. • Supervised 3 M.V.Sc. students as Major Advisor • Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective • Conducted study tours for the field experience

Veterinary Surgery and Radiology			
Dr. H. R Bhardwaj, Professor & Head, PhD (Veterinary Surgery and Radiology)	22 years experience in veterinary soft tissue surgery especially in large animal gastroenterology.	<ul style="list-style-type: none"> • Junior research fellowship (JRF) by Indian Council of Agricultural Research (ICAR), New Delhi. • Gold medal (7) for best paper presentations in conferences. • Appreciation certificate for best paper publication (1) • Gold medal (9) for best poster presentation in conferences. 	<ul style="list-style-type: none"> • Standardized various diagnostic and treatment techniques for intestinal obstruction in dairy cows. • Developed UG laboratory manuals • Audio-visual aids for making teaching and learning interactive
Dr. Ajay Kumar Gupta, Professor, PhD (Veterinary Surgery and Radiology)	32 years. 20 years of teaching, research and extension and 12 years of working as veterinary Assistant Surgeon in Animal Husbandry Deptt.	<ul style="list-style-type: none"> • Tami Nadu Agricultural University merit scholarship throughout B.V.Sc. degree programme • ICAR Junior Research Fellowship during M.V.Sc. degree programme • Certificate of honour in M.V.Sc. from HPKV, Palampur. • Certificate of merit in Ph.D. from SKUAST of Jammu. • Best teacher award by outgoing students of B.V.Sc. & A.H. of SKUAST-J: 1999 batch. • Best teacher award by outgoing students of B.V.Sc. & A.H. of SKUAST-J: 2000 batch. • Six best oral paper presentation awards in national conferences • Seven best poster presentation awards in national conferences 	<ul style="list-style-type: none"> • Developed lab manuals pertaining to UG courses. • Supervised 8 M.V.Sc./ 2 Ph.D. students • as Major Advisor and 30 students as Co advisor • Used audio-visual aids and online tools for teaching • Trained young veterinarians for diagnosis and treatment of surgical disorders in sick animals • Acted as examiner in many UG/PG/PhD examinations and evaluation of thesis. • Acted as expert in various selections of teaching and non teaching staff in different institutions.
Dr. Ankur Sharma, Assistant Professor, PhD (Veterinary Surgery and Radiology)	13 years experience in Veterinary soft tissue surgery and veterinary ophthalmology	<ul style="list-style-type: none"> • NET exam qualified by ICAR, New Delhi • PhD University merit certificate by SKUAST-Jammu • Inspiring women veterinarian award by Pashudhan Praharee on Womens day 2021 • Three appreciation certificates for commendable services in national conferences • Awards in oral and poster session (6) in national symposium/ conferences • 	<ul style="list-style-type: none"> • Standardized various surgical ophthalmological techniques for SA and LA • Developed UG laboratory manuals • Audio-visual aids for making teaching and learning interactive.

Dr Dinesh Kumar Dwivedi, Assistant Professor, PhD (Veterinary Surgery and Radiology)	13 years Area of expertise e.g., orthopaedic surgery, soft tissue surgery, Radiology	<ul style="list-style-type: none"> • Junior Research fellowship (JRF) M.V.Sc • Qualified National Eligibility Test (NET) conducted by • Indian Council of Agricultural Research (ICAR), NewDelhi. 	<ul style="list-style-type: none"> • Developed lab manuals pertaining to UG/PG courses=03 • M.V.Sc students supervised=01. • No. of M.V.Sc students supervising presently =02 • Advisory committee member of M.V.Sc students=08 • Developed PPT for UG students, course title veterinary orthopaedics and lameness • Regularly conducting practical's with prime focus on hand on experience in veterinary surgery on the clinical cases presented in teaching veterinary clinical complex, SKUAST-J.
Dr.Pankaj Gupta, Assistant Professor, PhD (Veterinary Surgery and Radiology)	11 years experience in Veterinary soft tissue surgery and diagnostic imaging	<ul style="list-style-type: none"> • NET exam qualified by ICAR, New Delhi • Gold medallist in BVSc & AH • University merit scholarship in B.V.Sc & AH by SKUAST-Jammu • Qualified ICAR JRF, SRF • Awards in oral and poster session (6) in national symposium/ conferences 	<ul style="list-style-type: none"> • Standardized various Doppler ultrasound techniques for SA • Developed UG laboratory manuals • Audio-visual aids for making teaching and learning interactive.
Teaching Veterinary Clinical Complex			
Dr. J.S. Soodan, Professor & Head, Ph.D. (Veterinary Medicine)	24 years Area of Expertise: Metabolic and deficiency diseases Equine colic Canine dermatology and hepatic diseases Protozoan diseases	<ul style="list-style-type: none"> • Merit fellowship during Ph.D. • Qualified National Eligibility test conducted by ICAR New Delhi • Fellow of Veterinary and Animal Sciences awarded By Veterinary and Animal Science Research Foundation, Bhubaneshwar, Odisha. • Fellow of Academy of Sciences for Animal Welfare by Academy of Sciences for Animal Welfare, Bareilly, UP • Best paper presentation award at society/national convocations-Ten • Appreciation award at the National conference- Twice • Expert selection committee in Himachal Pradesh Public Service Selection/ GuruAngad Dev Veterinary and Animal Science university (GADVASU) Punjab /Orissa University of Agriculture and technly Bhubaneshwar • President State Chapter of Indian Society for Vety Medicine (2014-2016) 	<ul style="list-style-type: none"> • Developed Lab Manual pertaining to UG/PG courses • Supervised M.V.Sc. & Ph.D students as Major and Minor guide • Used audiovisual aids and smart class rooms for making teaching and lerning interactive and more effective • Organised product dispay function of different companies for interns of B.V.Sc. & AH programme • Regularly conducting training for interns With prime focus on hands on experience • Established Diagnostic laboratory and added advanced diagnostic facility at referral hospital of the University • Organising clinical camps for practical training of UG and PG students • Regularly attending clinical and emergency duties • at hospital and proving clinical exposure to students • Conducted advanced trainings for Field veterinarians and clinicians of the state. • Regularly arranging Equine training for interns of B.V.Sc. & AH at equine training center, Udhampur under Aegis of 3.FD Vet Advanced centre

Dr. Ashok Kumar, Associate Professor, Ph.D. (Veterinary Surgery and Radiology)	19 Yrs	<ul style="list-style-type: none"> • NET • Qualified • Conducted • by ICAR 	<ul style="list-style-type: none"> • Prepared Lab Manuals of VSR, VCP (Old and New Courses) For UG Students. • Supervised 6 MVSc Students. • Organised Clinical Ambulatory Visits of Fourth and Final Year Students. • Conducted Visit to EQINE breeding stud, Babugarh (UP) of internship students. • Conducted clinical seminars of final year and internship students(Group Discussion)
Dr. Sharad Kumar, Assistant Professor, Ph.D (Veterinary Gynaecology and Obstetrics)	14 year Area of expertise in “Summer Anestrus in Buffaloes”	<ul style="list-style-type: none"> • Qualified National Eligibility Test (NET) conducted by Indian Council of Agricultural Research (ICAR), New Delhi. • “Excellence in Teaching Award” by Society for Scientific Development in Agriculture and Technology in 2017. • Fellow of Academy of sciences for Animal welfare 	<ul style="list-style-type: none"> • Prepare Laboratory Manual of Ambulatory Clinic. • Supervised one M.V.Sc. Student. • Prepared power point presentation for U G teaching. • Act as Internship coordinator.
Dr Ram Bilash Kushwaha, Assistant Professor, Ph.D. (Veterinary Surgery and Radiology)	>13 Years Area of expertise <ul style="list-style-type: none"> • Orthopaedic surgery • Soft tissue surgery Diagnostic Imaging Techniques 	<ul style="list-style-type: none"> • JRF by ICAR for MVSc programme (2001-2003) • SRF by IVRI for PhD programme (2004-2007) • Professional Societies Awards: 6 for poster presentation 	<ul style="list-style-type: none"> • Made the radiology lab. Functional • Reframed the OPDs cards • Prepared Practical Manual of course Veterinary Clinical Practice (VCP-411, 421, 511); Veterinary Clinical Practice-I and II (New VCI students) and VSR-411 (Radiology part) • Prepared Audio-Visual aids for the UGs/PGs students • YouTube Channel: Dr R B Kushwaha https://www.youtube.com/channel/UCP1UIGuzKZjrWXcMgB0KHKg • Prepared swaged on needle using hypodermic needle and fishing nylon (it almost replaced use of conventional eyed suturing needle) • Demonstrated various surgical procedures to UG/PG students under the course clinical practice • Ambulatory Clinics for UG students • Attended Clinical Duty at TVCC from 9:30 am to 5:00 pm • Attended Emergency clinical duty as per the roster issued by Head, TVCC/Dean, FVSc and AH • Organized Virtual Training Programme on topic ‘Diagnosis and Management of Common Surgical Affections of Bovines’ from 22-25 September, 2020. • Attended various online lectures conducted by different organisations

			<ul style="list-style-type: none"> • Attended online training programmes • Delivered online lectures to UG students during COVID-19 pandemic • Attended clinics during COVID-19 as a part of essential services • Handled various surgical cases during COVID-19 pandemic • Introduced various surgical techniques at TVCC e.g. dynamic cross pinning, epoxy external skeletal fixator, tube pericardiostomy, excision arthroplasty etc.
Instructional Livestock Farm Complex			
Dr. Akhil Verma, Associate Professor, Ph.D. (Agriculture Agronomy)	17 years as Agronomist	<ul style="list-style-type: none"> • Young Scientist Award conferred by the executive committee at National Conference on Global Research Initiatives for Sustainable Agriculture and Allied Sciences (GRISAAS-2015) during 12-13 December, 2015 held at Rajmata Vijayraje Scindia Krishi Vishwa Vidyalya, Gwalior • Outstanding/Best thesis Award for Ph.D (Ag) Agronomy thesis conferred by Society for Scientific Development In Agriculture and Technology in International conference on Global Research Initiatives for Sustainable Agriculture and Allied Sciences held at MPUAT during 2.4.2017 • Innovative Team /Innovative Entrepreneur Award for developing Mannual Portable Multi functional Rice/Wheat Ferti-Seeder conferred in the national conference of Innovative Technological Interventions for Doubling farmers Income (NaCITI-2018) held at SKUAST-J during 8 to 10 Feb, 2018 - Recipient of reviewer excellence award in recognition of significant and outstanding contribution to the Journal (ARCC Journals) during 27th March,2020. • Recipient of reviewer excellence award in recognition of significant and outstanding contribution to the Journal (<i>Indian Journal of Agricultural Research</i>) 	<ul style="list-style-type: none"> • Developed lab manuals pertaining to UG/PG courses • Developed practical manuals on crop production technology (<i>rabi</i> crops) during 2018 and fundamentals of agronomy 2019 • Instrumental in the formation of manual on technology park at a glance released by the university • Contributed in the formation of training mannual iii on vermicompost production released by kvk, jammu during 2020 • Supervised m.sc./ph.d. Students as major advisor: • Presently major advisor of one msc.(ag) agronomy student (on roll) while acted as co-advisor of major subject of two msc.(ag) agronomy students • Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective: • It includes taking online classes through internet means, providing the students, using power point presentations on projectors both during online and offline modes. • On classroom board presentations using diagrammatic representation to make the students understand various scientific concepts • Continuous evaluation of Students Through Theoretical and practical examinations at different times, innovative assignments and viva voce. • Conducted practical's with prime focus on hand on experience: • Taking students on the fields and in the Laboratories to show the different scientific phenomena/principles involved in a particular process. • Acquainting the students with live samples of different plant materials, chemicals and equipments

<p>Dr. Nazam Khan, Assistant Professor, Ph.D. (Dairy Cattle Nutrition)</p>	<p>6 years 9 months Area of expertise Dairy Cattle Nutrition</p>	<ul style="list-style-type: none"> • Qualified National Eligibility Test (NET) conducted by • Indian Council of Agricultural Research (ICAR), New Delhi. • Young Scientist Award 2019 on the occasion of International Conference on Advances and Innovations in Biotechnology for Sustainable Development on 5-7 April 2019 organized by Department of Biotechnology Faculty of Life Science & Techonology AKS University, Satna (M.P.) 	<ul style="list-style-type: none"> • Developed lab manuals pertaining to UG courses: LFP-211, LFP-221 and Livestock Farm Practices. • Supervised as Major Advisor M.V.Sc. 02 students (Completed) 02 students (On roll) • Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective • Taking online classes as well as providing power point presentations on projectors (offline modes) to make the students understand on various scientific concepts. • Continuous evaluation of students. • Theoretical and practical examinations at as per schedule along with innovative assignments and viva voce. • Conducted practical's with prime focus on hand on experience: • Acquainting the students with animals, animal handling and management.
<p>Dr. Vikas Mahajan, Assistant Professor, Ph.D. (Animal Genetics and Breeding)</p>	<p>6 years 9 months Area of expertise Animal Genetics and Breeding</p>	<ul style="list-style-type: none"> • Qualified National Eligibility Test (NET) conducted by • Indian Council of Agricultural Research (ICAR), New Delhi. • Excellence in Teaching Award 2017 of the society for Bioinformatics and Biological Sciences, Allahabad. • Young Scientist Award 2017 on the occasion of international conference on global research initiatives for sustainable agriculture and allied sciences (GRISAAS-2017) during 02-04 December, 2017 at Maharana Pratap University of Agriculture & Technology. 	<ul style="list-style-type: none"> • Developed lab manuals pertaining to UG courses: LFP-211, LFP-221 and Livestock Farm Practices. • Supervised as Major Advisor • M.V.Sc. 02 students (Completed) • 02 students (On roll) • Used audio-visual aids and smart class rooms for making teaching and learning interactive and more effective • Taking online classes as well as providing power point presentations on projectors (offline modes) to make the students understand on various scientific concepts. • Continuous evaluation of students. • Theoretical and practical examinations at as per schedule along with innovative assignments and viva voce. • Conducted practical's with prime focus on hand on experience: • Acquainting the students with animals, animal handling and management.

6.5.2.4. Technical and Supporting Staff

Technical and supporting staff of the Faculty of Veterinary Sciences caters the needs of practical and field experiments. The details of Technical and Supporting Staff of FVSc& AH is presented below:

S. No.	Division	Technical	Supporting
1.	Animal Genetics and Breeding	4	3
2.	Animal Nutrition	4	4
3.	Livestock Production and Management	3	3
4.	Livestock Products Technology	5	2
5.	Veterinary Anatomy	3	3
6.	Veterinary and Animal Husbandry Extension Education	3	3
7.	Veterinary Gynaecology and Obstetrics	4	2
8.	Veterinary Medicine	4	5
9.	Veterinary Microbiology	2	1
10.	Veterinary Parasitology	3	1
11.	Veterinary Pathology	3	3
12.	Veterinary Pharmacology and Toxicology	3	3
13.	Veterinary Physiology & Biochemistry	5	3
14.	Veterinary Public Health & Epidemiology	3	3
15.	Veterinary Surgery and Radiology	3	1
16.	Teaching Veterinary Clinical Complex	6	3
17.	Instructional Livestock Farm Complex	1	-
18.	Dean's and Associate Dean's Office	8	8
	Total	67	51

Note: In addition one contractual radiographer and 20 Daily wagers are also employed as skilled/ unskilled/semi-skilled workers

6.5.3. Learning Resources

6.5.3.1. College Library (digital)

The Faculty library is centrally located in the veterinary campus and equidistant from all faculty buildings and hostels. There are sufficient books and reading materials, periodicals and journals encompassing all related subjects concerned with veterinary sciences. Besides, there are also daily newspapers provided in the library and also in the hostels. The reading materials are categorically arranged. Working hours are from morning to late evening. There is more than ample space seating for the faculty and students. There is online access to many E-Journals and resources available. Internet facility is available for the students.

Availability of Wi-fi:

Internet facility is available in Library through broadband connection. However, Wifi is presently not available at Central Library, Chatha. Efforts are underway to create Wi-fi facility.

Internet Connectivity:

Internet Connectivity is available in the Library at R S pura. Twenty computers are accessible in online lab for library members at R S Pura.

Seating Capacity:

100 members can be accommodated at Faculty Library, R S Pura with seating arrangement.

Latest Technology in library:

KOHA/RFID system is installed. Koha is an advanced open source automation solution, hence recommended by the ICAR system for adoption in all the agriculture institutes. Considering it to be the functionally advanced open source software Koha is a viable, scalable solution for university libraries. RFID (Radio Frequency Identification) is the latest technology used in library for enhancing security. RFID-based systems move beyond security to become tracking systems that combine security with more efficient tracking of materials throughout the library, including easier and faster charge and discharge, inventorying and materials handling. The use of RFID reduces the amount of time required to perform circulation operations. The most significant time savings are attributable to the facts that information can be read from RFID tags much faster and that several items in a stack can be read at the same time. The time savings are less for charging than for discharging because the time required for charging usually is extended by social interaction with SKUAST Jammu library members at R S Pura.

Stacking Arrangement:

DDC arrangement is followed at Faculty Library, R S Pura. The Dewey Decimal Classification (DDC) is structured around ten main classes covering the entire world of knowledge; each main class is further structured into ten hierarchical divisions, each having ten sections of increasing specificity. As a system of library classification the DDC is "arranged by discipline, followed by subject", DDC is divided in the ten main classes, hundred divisions, and thousand sections such as 630 class number is assigned to Agriculture.

Collection of volumes:

7625 volumes of print books are available to cater the needs of its users in addition to e-resources at faculty Library, R S Pura.

Latest publications in the fields of relevant subjects:

The list of publications in the field of Agriculture, Veterinary Sciences, Basic Sciences and Biotechnology procured during the period is specified as Annexure - III.

Automation and user services through computer:

For Automation at Faculty Library, R S Pura KOHA/RFID system is installed. Koha is an advanced open source automation solution, hence recommended by the ICAR system for adoption in all the agriculture institutes. Considering it to be the functionally advanced open source software Koha is a viable, scalable solution for university libraries. RFID (Radio Frequency Identification) is the latest technology used in library for enhancing security. RFID-based systems move beyond security to become tracking systems that combine security with more efficient tracking of materials throughout the library, including easier and faster

charge and discharge, inventorying and materials handling. The use of RFID reduces the amount of time required to perform circulation operations. The most significant time savings are attributable to the facts that information can be read from RFID tags much faster and that several items in a stack can be read at the same time. The time savings are less for charging than for discharging because the time required for charging usually is extended by social interaction with SKUAST Jammu library members.

Opening Hours:

The timings of Central library at Faculty of Agriculture, Main Campus Chatha are 9.30 a.m to 5.00 p.m.

Subscription of Journals:

Consortium for e-Resources in Agriculture (popularly known as CeRA) is an e-Consortium of Agricultural Libraries under the Indian Council of Agricultural Research for National Agricultural Research and Education System (NARES) Libraries. The Consortium for e-Resources in Agriculture (CeRA) is facilitating 24x7 online accesses of select journals in agricultural and allied sciences to all researchers, teachers and students, policy planners, administrators and extension specialists at SKUAST Jammu through IP authentication

Access of about 3500 journals (National, International repute)/e-Resources through IP authentication is available for Chatha library members.

Subscription to National Dailies and Magazines:

Apart from the subscription of different national and local newspapers and magazines, procurement of books and journals based on the requirements of various disciplines were materialized by the library governance. Other amenities like e-books and e-journals were strengthened. Additional reprographic facility was created by adding the photocopier. The libraries were equipped with adequate infrastructure such as installation of air conditioners, book stacks, etc. The list of newspapers and magazines subscribed in the libraries is detailed at Annexure – IV.

STAFF POSITION - LIBRARY TEAM			
S.No.	Name	Designation	Phone/E-mail
1.	Prof. S. K. Gupta	University Librarian	0191-2262037, 9419124146
2.	Sh. Leela Dhar Mangi	Assistant Librarian	9906239359, 7006889623
3.	Sh. Narinder Kumar	Stenographer	9419608827
4.	Smt. Asha Rani	Library Assistant	9419236562
5.	Smt. Meenakshi Devi	Library Assistant	9622342377
6.	Sh. Amit Sharma	Library Assistant	9419174820
7.	Sh. Krishan Chand Sharma	ACT	9906253200

6.5.3.2. Laboratories, Instructional farms, Workshops, Dairy Plant, Veterinary Clinic, Hatchery, Ponds etc.:

The different laboratories in each division cater to the UG practical classes and PG student research. In addition there are other laboratories that accommodate project related research as well as fulfilling the specific needs of the divisions. There is a dedicated division that maintains the Instructional Livestock farms as per the MSVE of VCI. The dairy output of the farm complex averaging 70 plus animals including production animals and calves also provides milk in the faculty and generates revenue from its sale from a monthly average of around 100 litres. During production excess some dairy products like paneer is also put on sale. Besides, the cow dung is utilized for the production of vermi-compost which also contributes to the total revenue generation. Experiential learning for undergraduate students is also provided in making silage, mineral mixture bricks and other feed supplements. Other activities also include fodder production and demonstration of *Azolla* farming, *ChaaraVatika* or 'Fodder Garden' in ILFC premises including hands on training to farmers. Experimental animal research activities are also facilitated. The division of Livestock Production Management also provides scientific interventions, managerial inputs and trainings to farmers and students in livestock, poultry as well as integrated farming practices.

The division of Teaching Veterinary Clinical Complex (TVCC) on the other hand provides routine diagnostic and therapeutic treatment to livestock farmers, pet owners, animals in armed forces. The well-established Veterinary Referral Hospital is equipped with all modern diagnostic facilities. The hospital is open on all days including holidays. More than 15,000 cases in 2019 alone have been treated in the hospital. The Teaching Veterinary Clinics is also routinely organizing veterinary clinical camps, often in association with Animal Husbandry Department or the Army. More than 500 such camps have been organized and so far where more than 80,000 animals have been given free treatment. The referral hospital is assisted by the clinical divisions of Surgery & Radiology, Gynaecology & Obstetrics, and Veterinary Medicine. Besides, divisions related to para-clinical subjects such as Veterinary Pathology, Veterinary Microbiology, Veterinary Biochemistry and Veterinary Parasitology also provides diagnostic facilities. TVCC also provides routine training to undergraduate students under Learning Module entitled "Urban Animal Care Clinic and Pet care Services". The detail of cases attended in Referral Hospital of Faculty of Veterinary Sciences and Animal Husbandry and Clinical camps w.e.f. 2016-2021 is given below:

Year	Cases attended in referral hospital	Cases attended in Camps	Total cases attended	No. of Camps organized
2016-17	4246	12429	16675	8
2017-18	5588	11463	17051	12
2018-19	5612	12857	18469	18
2019-20	6326	11273	17599	12
2020-21	6014	455	6469	4
Total	27786	48477	76263	54

6.5.3.3. Student READY/ In Plant Training/ Internship/ Experiential Learning Programmes

The professional degree of B.V.Sc. & A.H. comprises of course work of four and a half years (divided into 4 professional years, first three of one year each and fourth of one and a half year) and one year of mandatory rotational internship. The detail of Student Beneficiaries availing Internship is given below:

Year	No of Students of Beneficiaries along with Stipend given						Total	
	RAWE		In-plant training		Internship		No.	Stipend (Rs.)
	No.	Stipend	No.	Stipend	No.	Stipend (Rs)		
2016-17					46	496800	46	496800
2017-18					62	2232000	62	2232000
2018-19					69	2457960	69	2457960
2019-20	-	-	-	-	64	2304000	64	2304000
2020-21	-	-	-	-	63	944400*	63	944400*

**Paid for 2.5 months only*

Experiential Learning Programmes

Name of PI	Title of Project	Funding agency	Year of start	Duration	Amount sanctioned	Revenue generated (2016-2020)
Dr. J. S. Soodan	Experiential Learning Module entitled "Urban Animal Care Clinic and Pet care Services"	ICAR	2015	Ongoing	95.00 lakhs	Rs. 2,42,095

6.5.3.4. Curricula Delivery through IT (smart class rooms/ interactive board etc.)

The ICT is being used adequately for curricula delivery. All the divisions of Faculty of Veterinary and Animal Sciences and the library are provided with internet facility which can be availed by students of all degree programmes. E-Journals, e-books, and online research articles are accessed by the students as well as the faculty. Latest online platforms like Google meet, Zoom, are used for online classes, seminars, examinations etc. All class rooms are fitted with computers, overhead projectors and smart boards.

6.5.4. Student Development

6.5.4.1. Student Intake and Attrition

The programme-wise Student Admission and their Retention Data of Faculty of Veterinary Sciences and Animal Husbandry from 2010 to 2016 is given below:

Year/ Program	Students admitted				Dropped**				Appeared in final exam**			
	M		F		M		F		M		F	
	No.	%*	No.	%*	No.	%*	No.	%*	No.	%*	No.	%*
BVSc & AH												
2016-17	45	63.4	26	36.6	11	24.4	2	7.7	34	75.6	24	92.3
2017-18	49	63.6	28	36.4	8	16.3	3	10.7	41	83.7	25	89.3
2018-19	40	56.3	31	43.7	7	17.5	3	9.7	33	82.5	28	90.3
2019-20	40	55.6	32	44.4	10	25.0	2	6.3	30	75.0	30	93.8
2020-21	45	62.5	27	37.5	1	2.2	1	3.7	44	97.8	26	96.3
Sub Total	219	60.3	144	39.7	37	16.9	11	7.6	182	83.1	133	92.4
MVSc												
2016-17	23	60.5	15	39.5	6	26.1	0	0.0	18	78.3	16	106.7
2017-18	12	46.2	14	53.8	3	25.0	3	21.4	8	66.7	13	92.9
2018-19	26	61.9	16	38.1	19	73.1	8	50.0	8	30.8	8	50.0
2019-20	25	44.6	31	55.4	2	8.0	5	16.1	16	64.0	10	32.3
2020-21	31	58.5	22	41.5	5	16.1	7	31.8	9	29.0	7	31.8
Sub Total	117	54.4	98	45.6	35	29.9	23	23.5	59	50.4	54	55.1
PhD												
2016-17	8	57.1	6	42.9	2	25.0	1	16.7	5	62.5	3	50.0
2017-18	3	27.3	8	72.7	2	66.7	2	25.0	3	100.0	4	50.0
2018-19	6	54.5	5	45.5	2	33.3	1	20.0	6	100.0	4	80.0
2019-20	3	42.9	4	57.1	1	33.3	1	25.0	3	100.0	3	75.0
2020-21	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0
Sub Total	20	45.5	24	54.5	7	35.0	5	20.8	17	85.0	14	58.3

* Per cent of total; **Per cent of respective category

6.5.4.2. Number of students in theory and practical classes

S. No.	Name of the programme	Total intake/ year	Batch of students in theory class	Batch of students in practical class
1.	BVSc & AH	70	1	2
2.	MVSc			
	Veterinary Surgery and Radiology	7	1	1
	Animal Nutrition	7	1	1
	Animal Genetics and Breeding	5	1	1
	Livestock Production and Management	6	1	1
	Livestock Products Technology	7	1	1
	Veterinary and Animal Husbandry Extension Education	5	1	1
	Veterinary Anatomy	3	1	1
	Veterinary Gynaecology and Obstetrics	7	1	1
	Veterinary Microbiology	7	1	1
	Veterinary Medicine	7	1	1
	Veterinary Parasitology	5	1	1
	Veterinary Physiology & Biochemistry	2	1	1
	Veterinary Public Health & Epidemiology	3	1	1
	Veterinary Pathology	4	1	1
	Veterinary Pharmacology and Toxicology	7	1	1
3.	PhD			
	Veterinary Surgery and Radiology	2	1	1
	Animal Nutrition	2	1	1
	Animal Genetics and Breeding	2	1	1
	Livestock Production and Management	2	1	1
	Livestock Products Technology	1	1	1
	Veterinary and Animal Husbandry Extension Education	1	1	1
	Veterinary Anatomy	1	1	1
	Veterinary Gynaecology and Obstetrics	2	1	1
	Veterinary Microbiology	2	1	1
	Veterinary Medicine	2	1	1
	Veterinary Parasitology	2	1	1
	Veterinary Physiology & Biochemistry	2	1	1
	Veterinary Public Health & Epidemiology	2	1	1
	Veterinary Pathology	2	1	1
	Veterinary Pharmacology and Toxicology	2	1	1

6.5.4.3. Admission process:

Eligibility for BVSc & AH:

Candidates must have passed Higher Secondary Part II (12th or 10+2) or an equivalent examination with PCB/PCBM subjects having 50% marks in aggregate for open/ NRI/ NRI-sponsored category and 40% for reserved categories.

Eligibility for MVSc:

The candidate must have BVSc and AH degree with overall grade point average (OGPA) as under:

General category: 6.00/10.00 in ten point scale, 3.00/4.00 in four point scale. In other cases where grade points are not awarded and only marks are awarded, the candidate must have secured at least 60% marks.

Reserved Categories: 5.50/10.00 in ten point scale.

Eligibility for PhD Veterinary Sciences:

Master's degree in respective/related subjects with OGPA of:

6.50/10.00 or equivalent OGPA/ equivalent percentage (65%) of marks at Master's Degree.

6.00/10.00 or equivalent OGPA/ equivalent percentage (60%) of marks at Master's Degree for SC/ST/PH category.

Admission to the courses offered by Faculty of Veterinary Sciences & Animal Husbandry is made by SKUAST-J Common Entrance Test (CET-UG and CET-PG) held in the month of June. For all PhD programmes SKUAST-J Common Entrance Test (CET- Ph. D) is held in the month of January every year.

The University notifies the list of selected students for registration and payment of fees. An orientation class is organized with general overview of the University, course, syllabus, examination procedures, rules and regulations and a mandatory pledge to abstain from the menace of ragging.

Post-graduate students in consultation with heads of concerned divisions register in major, minor and supporting courses depending on his/her research choice and academic demand.

Academic regulations entitled Regulation on Resident Instructions (RRI) 2009 was being followed in SKUAST-Jammu. Several amendments and updating have been made, on the recommendation of Academic Council, from time to time, taking into considerations the local needs and ICAR/VCI recommendations. In the light of the above, RRI (2020) has come in to effect from 16th of March 2021 onwards. Academic calendar is strictly followed for all degree programs as notified annually by the Director Education, SKUAST-Jammu before the start of session.

Fees at first admission (INR)

S. No.	Items	Undergraduate Programmes	Master's Programmes	Ph.D. Programmes
A. General				
1.	Admission	5000	6000	8000
2.	Univ. Registration	3000	5000	6000
3.	Caution/ Security for library (refundable)	3000	3000	3000
4.	College laboratory development charges	500	1000	1000
5.	Semester registration	500	800	1000
6.	Tuition fee	2000	4000	5000
7.	Examination fee	1000	1000	1000
8.	Extra-curricular activities	500	500	500
9.	Medical examination	200	200	200
10.	Magazine fund (per annum)	200	200	200

11.	Identity card	100	100	100
12.	Placement and counseling fund	100	-	-
13.	Educational tour	3000	-	-
Total (A)		19100	21800	26000
B. Hotel Charges				
1.	Hostel charges/room/semester			
(i)	Single seated	3500	3500	3500
(ii)	Dormitory	2500	2500	2500
(iii)	NRI rooms	5000	5000	5000
2.	Hostel security (refundable) for fresh admission	4000	4000	4000
3.	Mess security (Refundable) for fresh admission	4000	4000	4000
4.	Hostel maintenance/semester	500	500	500
5.	Utensils crockery breakage fund	150	150	150
6.	Common room fund	300	300	300
7.	Electricity charges/semester	2000	2000	2000
8.	Generator charges/semester/student	3000	3000	3000
Total (B)				
i.	Single seated	17450	17450	17450
ii.	Dormitory	16450	16450	16450
iii.	NRI rooms	18950	18950	18950
Grand Total (A+B)				
i.	Single seated	36550	39250	43450
ii.	Dormitory	35550	38250	42450
iii.	NRI rooms	38050	40750	44950

Recurring semester fees (INR)

S. No.	Items	Undergraduate Programmes	Master's Programmes	Ph.D. Programmes
A. General				
1.	Semester registration	500	500	1000
2.	Tuition fee	3000	6000	8000
3.	Examination fee	1000	1000	1000
4.	Extra-curricular activities	1000	1200	1500
5.	Medical examination	200	200	200
6.	Magazine fund (per annum)	100	100	00
7.	Amalgamated fund	600	600	600
8.	Library fee	300	300	300
9.	Infrastructure development fee	500	500	500
10.	Student welfare	500	500	500
11.	Water charges	100	100	100
Total (A)		7800	11300	13800
B. Hotel Charges (room rent)				
1.	Hostel charges/room/semester			
(i)	Single seated	3500	3500	3500
(ii)	Dormitory	2500	2500	2500
(iii)	NRI rooms	5000	5000	5000

2.	Hostel maintenance/semester	500	500	500
3.	Utensils crockery breakage fund	150	150	150
4.	Common room fund	300	300	300
5.	Electricity charges/semester	2000	2000	2000
6.	Generator charges/semester/student	3000	3000	3000
Total (B)				
i.	Single seated	9450	9450	9450
ii.	Dormitory	8450	8450	8450
iii.	NRI rooms	10950	10950	10950
Grand Total (A+B)				
i.	Single seated	17250	20750	23250
ii.	Dormitory	16250	19750	22250
iii.	NRI rooms	18750	22250	24750

Optional charges/semester (INR)

S. No.	Items	Undergraduate Programmes	Master's Programmes	Ph.D. Programmes
a.	Refrigerator in room	800	800	800
b.	Air cooler	2500	2500	2500
c.	Electric blower	2500	2500	2500
d.	Air conditioner	12000	12000	12000

University does not provide the appliances

Fee structure for self-financing seats in addition to normal semester fee

S. No.	Programme	Category	Self-financing fee (INR)
1.	BVSc & AH	NRI/NRI sponsored	100000
		Ward of serving employee of SKUAST-Jammu	75000
		Domicile seats for UTs of J&K and Ladakh	75000
2.	MVSc	Self-financing	30000

Other fees

S. No.	Particulars	Fee (INR)
1.	Migration fee for the students migrating to SKUAST-J	5000
2.	Inter-University migration	500
3.	Supplementary/compartments exam fee/paper	1000/600 per course
4.	Make-up examination	100/course (mid-term) 200/course (eid-term)
5.	Rechecking	500/course
6.	Registration with late fee for on-roll students (only for maximum of 7 working days from the date of registration)	200/day
7.	Course addition/ withdrawal fee	200/course
8.	Special course fee	250/course
9.	Inter University migration certificate	500
10.	Thesis submission fee	1500 (Masters) 2000 (PhD)

11.	Provisional Degree Certificate (PDC)	300
12.	Duplicate degree certificate	2000
13.	Duplicate migration certificate	1000
14.	Duplicate Library Card	100
15.	Duplicate PDC	1000
16.	Duplicate semester report/Mark sheet	1000
17.	Duplicate other certificates	100
18.	Transcript of academic record	500
19.	Duplicate transcript	1000
20.	Degree in absentia	500 (without folder) 1000 (with folder)
21.	Re-admission	2000
22.	Fee for verification of certificates (to be charged from the students from other states at the time of first admission)	500

6.5.4.4. Conduct of practical and hands on training

Most UG/PG courses of the Faculty is designed with integrated practical classes. The practicals are conducted in two batches in the respective divisions, further divided into smaller groups. The classes are based on demonstration and hands-on experiences on a predetermined and carefully outlined schedule. Practical classes of two hours duration or aworking period of three hours in the clinics or farm per week count as one credit. A judicious balance has been ensured in distribution of course credits in theory and practical. Practical training is imparted to produce a well-balanced and all-rounder graduate.

Evaluation of practical aspects of the curriculum receive much greater emphasis leading to separate examinations and requiring the student to secure a minimum of 50% marks in theory as well as in practicals. The weightage of practical is 40% for each course.

The schedule of examination during Bachelor of Veterinary Science and Animal Husbandry course consist of internal assessment and annual examinations.

There are four professional examinations- one each after 1st, 2nd and 3rd year, and the fourth after one and half year and these professional examinations have only the theory component with external system and the practical component are dealt with internally.

The practical examinations are conducted by a Board of Examiners consisting of concerned Head of the Department, teacher(s) and a representative of the Dean. The panel examines the record or log book maintained by each student as practical records, written test or observation and recording of the skill with which each student executes the practical, assessment of the comprehensive skill and knowledge of each student through an oral examination (viva-voce).

For post-graduate program practical exams are conducted at the end of the semester with weightage depending on credit hours of a particular course. Some courses are totally practical oriented, while some have both theory and practical.

6.5.4.5. Examination and evaluation process

All the examinations midterm, end term/final semester and professional examination in the faculty is held centrally as notified by the Examination Cell from time to time in accordance to the Academic Calendar.

B.V.Sc. & A.H. Undergraduate degree program

- The examinations are conducted to assess whether the student has been able to achieve a level of competence and practical aspects of the curriculum receives much greater emphasis.
- Examinations for theory and practical are conducted separately, requiring the student to secure a minimum of 50% marks, in theory as well as in practical, in each such examination.
- The weightage of theory and practical is in the ratio of 60:40 respectively.
- The distribution of marks for objective and subjective questions in each subject is in the ratio of 40:60, respectively.
- The schedule of examination followed during Bachelor of Veterinary Science and Animal Husbandry course consists of internal assessment and annual examinations as detailed below:

Internal Assessment	Course coverage	Max. Marks	Weightage
First	30%	40	10
Second	60%	40	10
Third	90%	40	10
Annual examination (Theory)	Paper-I	100	20
	Paper-II	100	20
Annual examination (Practical)	Paper-I	60	20
	Paper-II	Max. Marks 60	Weightage 20

- There are three internal assessments in each course at the completion of 30%, 60%, and 90% course content and professional examination after completion of 100% syllabus. The result of the best of two internal assessments is accounted for.
- There are four professional examinations- one each after 1st, 2nd, and 3rd year, and the 4th after one and half year and these professional examinations have only the theory component with external system and the practical component is dealt with internally.
- The examination for Livestock Farm Complex and Veterinary Clinical Complex is conducted twice a year i.e. first practical exam after completion of 50% syllabus and the second one, when the course is completed but the second exam comprises of entire syllabus and annual professional examination is held after the completion of 100% course content in each subject and
- The practical examinations are conducted by a Board of Examiners consisting of concerned Head of the Department, teacher(s) and a representative of the Dean.
- A student is required to secure an aggregate of 50% marks in theory and an aggregate of 50% marks in practical to be declared to have passed in a subject.
- If a student fails in two subjects only, he or she is eligible to appear in the compartment examination of those subjects which include the components of annual theory and practical examination only.

Evaluation of internship (B.V.Sc. & A.H.) is based upon the evaluation of log book or project report, his/her performance reports from all the minimum prescribed training postings, entrepreneurial output, clinical case reports and their presentation, viva and comprehensive examination in core competence in veterinary skills through a written test by an evaluation committee comprising of the faculty representing the departments concerned appointed by the Dean for this purpose. The distribution of marks for various components of assessment is as under

Division/Grading

Pass	OGPA 5.000-5.999
Second Division	OGPA 6.000-6.999
First Division	OGPA 7.000-7.999
First Division with Distinction	OGPA 8.000 and above

MVSc & PhD Post-Graduate degree program

The evaluation of a student's achievement in a course is based on his/her performance in various tests, laboratory assignments, special problems, seminars and other types of exercises. Every teacher in addition to the course outline for teaching also prepare scheme for quiz examinations. A written quiz test of 30 minutes duration is framed which consist of questions requiring very brief answers. The date of the test and the subject matter to be covered in the test is announced at least one week in advance. There are two such quizzes, normally one in the 6th week and other in 15th week of the semester. Mid-term examination is held during the 11th week of each semester in each course of one hour duration. Dates for holding this examination are announced in the Academic Calendar. Towards the end of a semester/professional year, an end-term examination in each course is held of three hours duration covering the entire subject matter of the course.

Written comprehensive examination is scheduled when a PG student has completed at least 75% of the prescribed course in major and minor disciplines separately. For Master's and Doctoral programmes, the students shall be required to pass the comprehensive examination arranged by the Examination Cell covering the course offered in the major and minor disciplines of the study. For Master's programme there is one written paper for courses covering major discipline and one paper for courses covering minor discipline of the study. Each paper carries 100 marks. For Doctoral programme there are two written papers for courses covering major discipline and one paper for courses covering minor discipline of the study, each paper carrying 100 marks. A student shall be required to obtain at least a grade point of 6.00/10.00 to pass these exams. In addition, all students in Ph.D. programme is required to pass a preliminary oral examination to testify to the knowledge gained in the major and minor disciplines of the study. The preliminary oral examination is conducted by the Advisory Committee with an additional expert from outside the University appointed by the Director Education. After submission of rough bound thesis for evaluation by an external examiner (MVSc) or two examiners (PhD), one examiner conducts the oral comprehensive examination and thesis viva voce. A PG student is considered fit for the award of the particular degree after he/she has successfully completed course work, his/her thesis has been accepted for the degree, and after the examination committee sends a satisfactory report on his/her performance in the thesis viva voce examination.

6.5.4.6. NCC/NSS/RVC Units

The faculty of veterinary sciences has an active NSS program where 1st, 2nd and 3rd year students are involved in various environmental and social activities. Salient activities include social awareness in nearby areas, visit to orphanage and social aids, consciousness about environment protection, cleanliness and hygiene in the campus, weed control, art and poster drawing competitions, invited seminars by health experts, etc. The program helps to inculcate a social responsibility in the participating students that are received with a very enthusiastic and eager response.

6.5.4.7. Language Laboratory

The faculty of veterinary sciences does not employ any language teaching program, but postgraduate students are required to enrol themselves in a compulsory non-credit course Technical Writing and Communications Skills (PGS-502, 0+1). Besides, many literary activities, symposium and debates, student seminars are routinely held to hone the communication and language skills of the students.

6.5.4.8. Cultural Centre

The Faculty of Veterinary Science encourages the participation of its students in all diverse cultural activities that are organized by the Dean (Students' Welfare) of the University. Besides, routine activities are organized and involves all students as a part of the cultural exchange programme under Indian Council for Cultural Relations (ICCR) Jammu chapter as part of their continuous and international cultural program. The campus and hostels also form a part of the larger cultural amalgamation of students from various parts of the country, where they are exposed and mingle under a common banner.

6.5.4.9. Personality development

As a part of the personality development programme, students are always encouraged to communicate in clear, concise and precise language. The students get an opportunity to sharpen their speaking and communicative skills by way of countless student seminars, student demonstrations, deliberations and discussions, written and oral examinations in every course. More opportunity arise in student participations in competitive literary and symposium organized from time to time. Such myriad verbal exercises give ample opportunity to sharpen the communicative skills and confidence that build their personality.

6.5.5. Physical facilities

6.5.5.1. Hostels:

The Faculty of veterinary science and animal husbandry has two on-campus hostels, one each for boys and girls. The boys' hostel with an accommodation capacity of more than 150 students has 29 rooms of single occupancy and 64 rooms of double occupancy. The girls' hostel has two wings (UG and PG) with an accommodation capacity of more than 100 students has 10 rooms of single occupancy, 30 rooms of double occupancy and 11 rooms of triple occupancy. Both the hostels have student amenities such as Mess facility, Drinking water facility, Indoor games and Emergency medical facility. Cleanliness and hygiene of the hostels are given due importance.

6.5.5.2. Examination hall

The Faculty of veterinary science and animal husbandry has two examination halls for conducting routine as well as computer aided examinations (ARS/NET) of the students. The routine examination hall with sitting capacity of 400 students also has CCTV surveillance system. The computer aided examination hall is air conditioned, provided with internet with capacity of 50 students. The examination hall is used for conducting online examinations for various central and state departments.

6.5.5.3. Sports and Recreation Facilities:

The Faculty of veterinary science and animal husbandry has facilities for indoor games such as badminton, table tennis and outdoor games such as volley ball, basket ball, gym etc. These facilities are maintained under Dean Students' Welfare of the university.

6.5.5.4. Auditorium:

The Faculty of veterinary science and animal husbandry has a Conference Hall with seating capacity of 300 peoples and a mini-conference hall with sitting capacity of 50 people. These facilities are regularly used for convening meetings, faculty celebrations, and organization of academic events such as conference, seminar, symposia etc.



6.5.5.5. Exhibition Hall / Museum:

The Faculty of Veterinary Science and Animal Husbandry has a Faculty museum. Besides Division of Veterinary Anatomy, Veterinary Gynaecology & Obstetrics and Veterinary Pathology house specimen museum for teaching of students.

6.5.6. Research Facilities

6.5.6.1. Postgraduate Laboratories and Equipments:

Department wise PG laboratories, FVSc. & AH

Name of the Division	Name of the Laboratories
Animal Genetics and Breeding	PG Lab
Animal Nutrition	PG Lab
Livestock Production and Management	Stress Biology Laboratory Cell Biology Laboratory
Livestock Products Technology	PG Lab (Research Lab)
Veterinary Anatomy	PG Lab
Veterinary and Animal Husbandry Extension Education	PG Lab
Veterinary Gynaecology and Obstetrics	Postgraduate Laboratory ETT lab
Veterinary Medicine	Divisional central Laboratory Microbiology lab Stem cell Lab Milk testing Lab PG Lab
Veterinary Microbiology	PG Lab
Veterinary Parasitology	ICAR National Fellow Lab PG Lab
Veterinary Pathology	PG Laboratory Clinical Pathology Laboratory Necropsy complex
Veterinary Pharmacology and Toxicology	Ethnopharmacology laboratory Cell culture laboratory PG Laboratory
Veterinary Physiology & Biochemistry	PG laboratory of Veterinary Physiology Tissue culture laboratory PG laboratory of Veterinary Biochemistry
Veterinary Public Health	Zoonosis Laboratory Food Hygiene Laboratory
Veterinary Surgery and Radiology	Small & Large Animal operation theatres
Teaching Veterinary Clinical Complex	-
Instructional Livestock Farm Complex	-

6.5.6.2. Research Contingency

The Faculty receives grants under various headings from State Grant-in-Aid (Non-Plan) as well as ICAR development grants. From State grant Materials and Supplies (Research Operating Cost) is utilized for all research purpose of the divisions. From ICAR Development grant funds are received under various specific headings like Equipments, Materials and Supplies, etc. that are used for research. The budget allotments are distributed depending on specific requirements of the various divisions, number of scientists and PG student undertaking research trials.

Besides, research contingency is also utilized by many divisions from many University and externally funded Research & Development/ Infrastructure development/ Societal projects. The Research Contingency Grant of FVSc.& AH ending year 2020-21 is given below:

Name of the Division	Research Contingency/ Lakhs		Whether it meets the students' demand?
	State Grant	ICAR Dev. Grant	
Animal Genetics and Breeding	1.20	0.90	Yes
Animal Nutrition	2.00	2.55	Yes
Livestock Production and Management	1.50	5.15	Yes
Livestock Products Technology	1.45	1.15	Yes
Veterinary Anatomy	1.10	2.40	Yes
Veterinary and Animal Husbandry Extension Education	0.10	0.25	Yes
Veterinary Gynaecology and Obstetrics	1.35	1.40	Yes
Veterinary Medicine	1.70	1.15	Yes
Veterinary Microbiology	1.00	0.80	Yes
Veterinary Parasitology	1.40	1.00	Yes
Veterinary Pathology	1.25	1.30	Yes
Veterinary Pharmacology and Toxicology	1.40	2.50	Yes
Veterinary Physiology & Biochemistry	1.50	1.50	Yes
Veterinary Public Health & Epidemiology	1.35	1.15	Yes
Veterinary Surgery and Radiology	2.00	1.75	Yes
Teaching Veterinary Clinical Complex	3.90	2.75	Yes
Instructional Livestock Farm Complex	6.70	0.30	Yes

6.5.7. Outcome/Output

6.5.7.1. Student Performance in National Examinations:

Faculty of Veterinary Sciences earned a commendable student performance ranking in National Examination in 2018 amongst seventy-three different Agricultural Universities across the country. The University was awarded by ICAR, New Delhi for securing second position in PG (JRF) Scholarships to its graduates under Veterinary & Fisheries Science category. The award was presented by Union Minister of Agriculture & Farmers Welfare Sri Radha Mohan Singh to Prof. Pradeep K. Sharma, Vice-Chancellor of SKUAST-Jammu, during the Inaugural Session of the Annual Vice-Chancellors Conference of Agricultural

Universities (AUs) and interface meeting with ICAR Institute Directors at New Delhi on 13 March 2018. The year-wise details of students selected for JRF/SRF/NET (ICAR/ ICMR/ UGC/ CSIR/DBT)/ARS is given below:

Name of College/ Faculty	JRF	SRF	NET	ARS	Other (Inspire fellowship/ ICMR/ M.A. Scholarship/ MAT)
2016-17	18	1	9	0	6
2017-18	15	0	8	0	3
2018-19	3	0	6	0	0
2019-20	2	2	4	0	0
2020-21			5		
Total	38	3	32	0	9

6.5.7.2. Students Placement Profile: (2016-21)*

Position	Number
IAS	01
IFS	01
KAS	05
RVC	04
Universities/Research Institutes	42
Central/ State Govts.	112
Industries/ Corporate Sector	22
Entrepreneurs	05
Others (specify)	21

*Yearwise details of placemet is given in Annexure - II

6.5.7.3. Awards Recognitions/Certificates:

Awards, recognitions, certificates	Student	Faculty
Year 2016-2021	82	198

6.5.7.4. Employability:

A veterinarian is a medical professional to fulfil the healthcare requirements of pets, zoo, livestock and laboratory animals. While treatment to all kinds of animals is major career aim, some veterinarians choose to take up the treatment of small animals while some become experts in looking after animals of farms and forests. Most of the veterinary practitioners work in private hospitals and clinics, laboratories or classrooms, but there are many who have to travel to farms and forests for the welfare of animals. The employability for vets in the field are:

A. State Government

- Veterinary Hospitals/ Primary Veterinary Centers
- Organized State Farms for managing livestock farms.
- Semen collection Banks/Sperm collection Stations – where quality bulls or males are kept. Semen is collected and processed for artificial insemination.
- Poultry Farms – for managing egg farms, hatcheries, chick rearing units.
- Meat/ Milk/ Animal products processing plants– for supervising of hygienic collection & distribution of milk or meat or other animal products meant to be consumed by human.

- f) Polyclinics – where specialized service like surgery, special diagnostics, specialized treatment etc. is given.
- g) Disease investigation centers or Disease diagnostic centers – These are established by government and job in such centers is to survey disease profile and investigate any occurrence of a major disease, zoonosis, epidemics etc.
- h) Biological products or vaccine institutions – prepare quality control & distribute vaccines & biologicals.
- i) Disease eradication schemes/ check posts/vaccination camps.
- j) Public health labs – investigation of disease transmissible from animals to man and vice versa.

B. Centralized Sectors

- a) Remount Veterinary Corps – RVC – In army / armed forces there are posts or jobs for veterinarians to train and look after Horses, dogs camel etc.
- b) Border security forces (BSF)/ Indo-Tibetan Border Police (ITBP) or police – to look after Horses, dogs, camels etc. in the forces / Intelligence or for the post of Assistant Commandant or equivalent post.
- c) I.C.A.R. (Indian Council of Agricultural Research) – co-ordination and funding of animal based research / projects.
- d) Animal Husbandry & Dairying Department, Ministry of Agriculture – They need veterinarians for administrative management & coordination of veterinary services in the states and implementation and formation of policies.
- e) Quarantine Units – these are international check posts for preventing entry of exotic disease in the nation like mad cow disease or fowl influenza in country from outside by importing or transporting animals.
- f) Central Farms – Unlike state farms & sperm collection centers or stations; they also conduct trainings.
- g) Medical institutions: as a veterinary officer (post-graduation in public health or competent subject may be necessary)
- h) Civil services and public services: Apart from these posts, many veterinary graduates these days write the state group I exams and the UPSC exams to become administrators like IAS, IPS, IRS as well as Dept. Supt. Police and equivalent jobs through competitive exams.

C. Academic/Research/Extension Wing of Veterinary Colleges in State Agricultural universities, State Veterinary Universities, or Universities having Veterinary Faculty.

- a) Teaching/Research/Extension in Veterinary College/Institutes/Universities.
- b) Para Veterinary Staff / Live Stock Assistant training schools.
- c) Experimental & germ free animal facilities attached to Veterinary & Medical Institutions or colleges, Drug research institutions.
- d) Experimental Animal Unit – require vets for Animal model preparation for experiments etc.
- e) Clinical, diagnostic & investigation centers or labs established in veterinary colleges and research institutes.

D. Local Bodies/Municipalities/Panchayats

- a) Slaughter houses/Cattle Pounds/Public health Laboratories
- b) Zoos & wildlife centers
- c) Animal resource development under Panchayati Raj.

E. Private Sector

- a) Pharmaceuticals
- b) Commercial dairy farms
- c) Commercial poultry farms
- d) Commercial breeding farms/hatchery etc.
- e) Race club, stud farms
- f) Veterinary instruments/equipment industry
- g) Biological products and vaccine product plants
- h) Insurance companies, banks – as probationary officer
- i) Corporate bodies e.g., National Dairy Development Board, Cooperative dairies, Milk board, Milk Unions etc.
- j) Feed processing industry
- k) NGOs – as investigator, chief investigator and field veterinarian.

F. Self Employment

- a) Private Practice – Companion animal veterinarian (Pet clinic) / Large animal or food animal veterinarian
- b) Consultancy
- c) Partner, Assisting to an existing Practitioners.
- d) Entrepreneur in Livestock Farms, Dairy Farms, Poultry Farms, Goat Farms, Piggeries, Dog Breeding etc.
- e) Diagnostic labs (Pathology, Biochemistry, Microbiology)
- f) X-ray, Ultra-sound facility.
- g) Media – as a freelance worker, blogger or scientific article writer, proof reader etc (part time income source – Less stability)
- h) Animal law expert

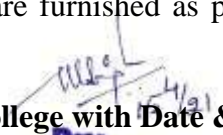
6.5.8. SSR of the College must have the SSR of all its Degree Programmes (following section 6.4), then the report of the Colleges shall be considered.

- SSR for all the degree programmes of Faculty of Veterinary Sciences & Animal Husbandry submitted above.

6.5.9. Certificate (Applicable when SSR is submitted for programmes & College).

I, the Dean, **F.V.Sc. & A.H., R.S. Pura, SKUAST-Jammu** hereby certify that the information contained in Sections 6.4 and Section 6.5.1 to 6.5.7.4 are furnished as per the records available in the college and degree awarding university.

Signature of Dean of the College with Date & Seal


Dean
F.V. So. & A.H.
R. S. Pura

6.5.10. Each College shall submit SSR as mentioned in 6.5.8. It shall be prerequisite for the SSR of the Agricultural University

**Self Study Report of
Agricultural University
(Sher-e-Kashmir University of Agricultural
Sciences & Technology of Jammu)**

6.6. Self Study Report of Agricultural University

Sher-e-Kashmir University of Agricultural Sciences & Technology of Jammu (SKUAST-Jammu)

6.6.1. University Governance

6.6.1.1. Vision, Mission and Goals

a. Vision:

- Implementation of frontier sciences tools, such as nanotechnology, biotechnology, geo-spatial techniques, artificial intelligence etc. so as to achieve technological breakthroughs in crops and animals.
- Promotion of Peri-urban/secondary agriculture for overall increase in the income of the farmers and create avenues for agri-entrepreneurship development in the field of Hydroponics, Aeroponics, Vertical Agriculture, Mushroom, Bee Keeping, Fisheries, Dairy, Poultry etc.
- Strong linkages need to be developed between the Agriculture University and the line departments of the state for dissemination of the technologies developed.
- Diversify agriculture with focus on horticulture, livestock, fisheries and agroforestry,
- Special attention to post-production technology, value-addition, agri-business management and trade
- Enhancing the farmers' income is our top most priority. Niche area crops need to be identified and promoted as geographically exclusive commodities such as basmati rice, rajmash, *anardana*, kala-zeera etc. for increased returns to the farming community.
- Promote byproducts utilization.
- Focused attention on research areas namely residue analysis in crops and livestock products.
- Strengthen research on horticulture and medicinal plants.
- To provide quality planting and seed material to the end-users.
- Promote Institution-Village Linkage programme.
- Conserve and perpetuate the indigenous valuable germplasm of crops and animals, adaptable to adverse climatic conditions and resistant to various endemic diseases.
- Development of onspot disease diagnostic kits and therapeutic management of animal diseases and creating excellence in veterinary clinical services with capacity building for super specialty in clinical subjects.
- Formulation of economical animal rations by incorporations of locally available researched agricultural/horticulture by products and wastes such as tree leaves, maize cobs, olive cake, parthenium, etc.
- Sexed semen technology (introduction and promotion).
- Monitoring and surveillance of animal disease.
- Electronic registration of livestock (RFID based identification and monitoring system).
- Popularizing backyard poultry farming.
- Commercialize technologies developed by the university by organizing industrial meet.

- Organising Kisan Mela of longer duration (7-10 days) days with active participation of the farmers of Jammu region.
- Regular exchange and sandwich programme for graduate and PG students with premier institutions of the country which will help in increasing the exposure of the students.
- On the lines of new education policy of Govt. of India, promotion of skill based knowledge among students which may encourage them to be Entrepreneurs in agriculture and allied sectors.
- Providing incentives to the students for boosting their morale.
- To promote an entrepreneurship-based education system.
- Expand and strengthen linkages on long-term partnerships with leading institutions in India and abroad
- Mission-mode collaborative programmes with national and international centres and laboratories and general universities, that are reported for basic & fundamental works

b. Mission:

The Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu aspire to become a leading Agricultural University in India with a mission of developing ‘sustainable agriculture for food and nutrition security’.

c. Goals:

- To achieve academic excellence through effective training of students so that they are ‘socially sensitive and professionally competent’.
- To design the short and long term research programmes for generating applied and strategic technologies/policies and solving site specific agricultural problems.
- To strengthen extension services to educate farming community with respect to modern and effective farm technologies; and to serve as a bridge among scientists, line departments and farmers.
- To focus on the upliftment of socio-economic status of farmers of Jammu region and elsewhere
- To focus on the welfare of the stakeholders of the university.
- To create cordial working environment in the university.

The University has published the Vision 2030 document (available online at [Untitled-1 \(skuast.org\)](#) and strived to implement the same. Some of the targets have been achieved besides this, the university is taking substantial measure to achieve the remaining targets in time bound manner. The University has planned and implemented purposeful programme in the area of strengthening of Biotechnology, promotion of organic farming, seed village, experiential learning, village adoption programmes for achieving the desired goals. A new ‘Innovation centre’ is also in the process of establishment at University campus to promote innovations in agriculture.

ORGANISATION AND GOVERNANCE

The different aspects of organization and governance of SKUAST-Jammu are described below:

Authorization

In J&K state first agricultural university, namely Sher-e-Kashmir University of Agricultural Sciences and Technology of J&K (SKUAST-JK) was established after promulgation of an act vide SRO 306 circulated vide notification no.17-J the J&K Govt. Gazette, 27 July, 1982. The prerogative of the then SKUAST was whole J&K state with its headquarters at Shalimar, Srinagar. The Faculty of Agriculture was located at Wadoora, Sopore. Faculty of Veterinary Sciences and Animal Husbandry was established in 1983-84 at Shuhama, Srinagar & Post Graduate Faculty at Shalimar, Srinagar. However, the university was bifurcated in 1999 into two separated universities as SKUAST Jammu and SKUAST Kashmir vide SRO-408 dated 20 September, 1999 issued by Govt. of Jammu and Kashmir.

Vide SRO-306, Jurisdiction of Sher-e-Kashmir University of Agricultural Sciences & Technology of J&K (SKUAST-JK) was extended to whole J&K state. Vide SRO-408 dated 20th September, 1999, the SRO-306 was modified and the two universities as Sher-e-Kashmir University of Agricultural Sciences & Technology of Kashmir (SKUAST-K), Srinagar for Kashmir division and Sher-e-Kashmir University of Agricultural Sciences & Technology of Jammu (SKUAST-J) for Jammu division were established.

**Government of Jammu and Kashmir
Agriculture Production Department**

NOTIFICATION

Srinagar the 20th September, 1999

SRO-408. In exercise of the power conferred by sub-section (2) of section 1 of the Sher-e-Kashmir University of Agricultural Sciences & Technology (amendment) act, 1998, the Government hereby appoint 20th day of September 1999 the date on which the said act shall come into force.

By order of the Govt. Jammu and Kashmir
No. Agri-SKUAST/4899
Dt. 20-09-99

Sd/-
**Addl. Secretary to
Govt. Agri. Prod. Deptt.**

The **Chapter II of the amendment ACT 1998** regarding ‘Establishment and incorporation of the Universities’ reads as follows:

- (1) There shall be two universities in the state, one in the Kashmir Division and the other in the Jammu Division, each having jurisdiction extending to its respective division of the territories of the state.
- (2) The university in Kashmir division shall be known as the “Sher-e-Kashmir University of Agricultural Sciences & Technology of Kashmir” and the university in the Jammu division shall be known as the “Sher-e-Kashmir University of Agricultural Sciences & Technology of Jammu”.
- (3) Sher-e-Kashmir University of Agricultural Sciences & Technology of Kashmir and the Sher-e-Kashmir University of Agricultural Sciences & Technology of Jammu shall be corporate bodies known by the names of “Sher-e-Kashmir University of Agricultural Sciences & Technology of Kashmir” and the “Sher-e-Kashmir University of Agricultural Sciences & Technology of Jammu” each having perpetual succession and a common seal with power to acquire and hold property, movable and immovable or transfer the same, of contract and to do all other things necessary for the purpose of its constitution and may sue or be sued to its corporate name as aforesaid.

- (4) Each university shall consist of the Chancellor, the Pro-Chancellor, the Vice-Chancellor, members of the University Council, Board of Management, Academic Council and other authorities and officers as provided in this Act.
- (5) The head-quarter of the University shall be at a place to be approved by the Government. The university may establish regional research and experimental stations and sub-stations in its respective division representing different agro-climatic conditions and needs.

Government of Jammu and Kashmir
Agriculture Production Department
NOTIFICATION

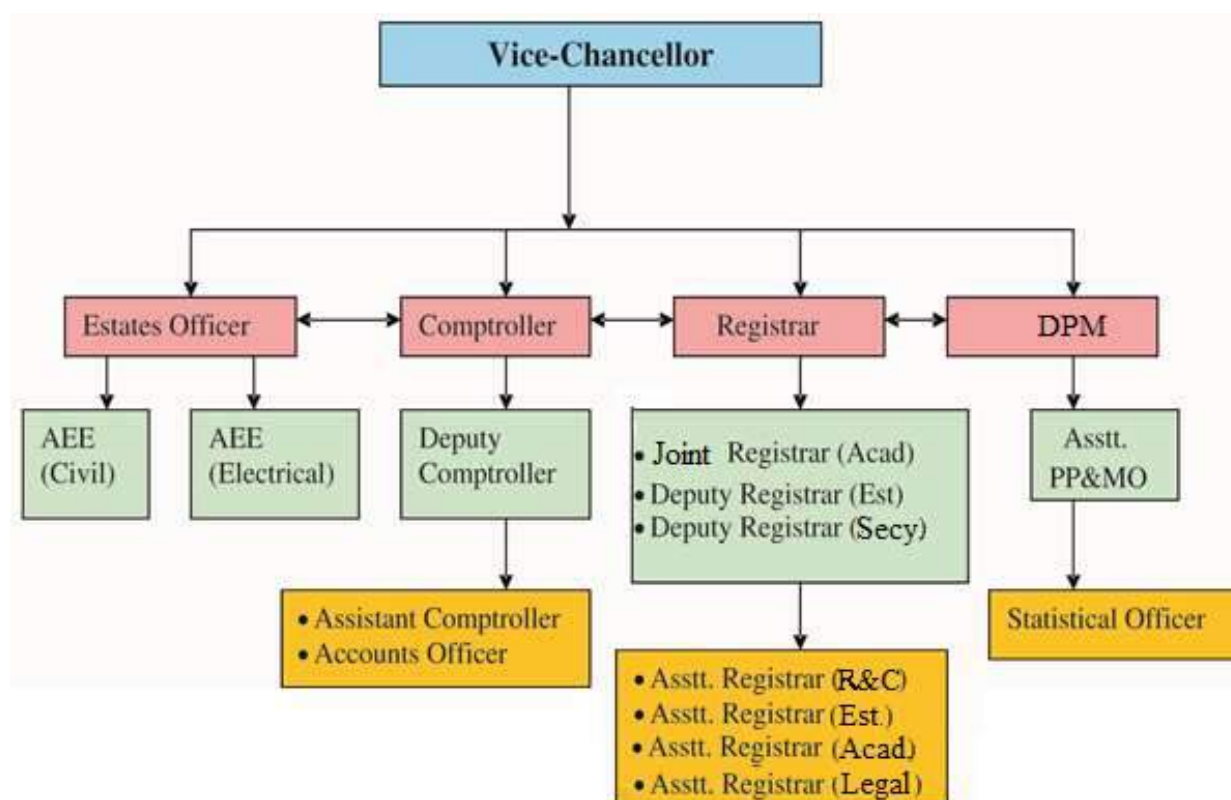
Srinagar, the 27th July, 1982

SRO-306. In exercise of the powers conferred by sub-section (3) of section 1 of the Jammu & Kashmir University of Agricultural Sciences & Technology Act, 1982, The Government hereby appoint first day of August, 1982 as the date on which the said act shall come into force.

BY ORDER OF THE GOVT. OF JAMMU & KASHMIR

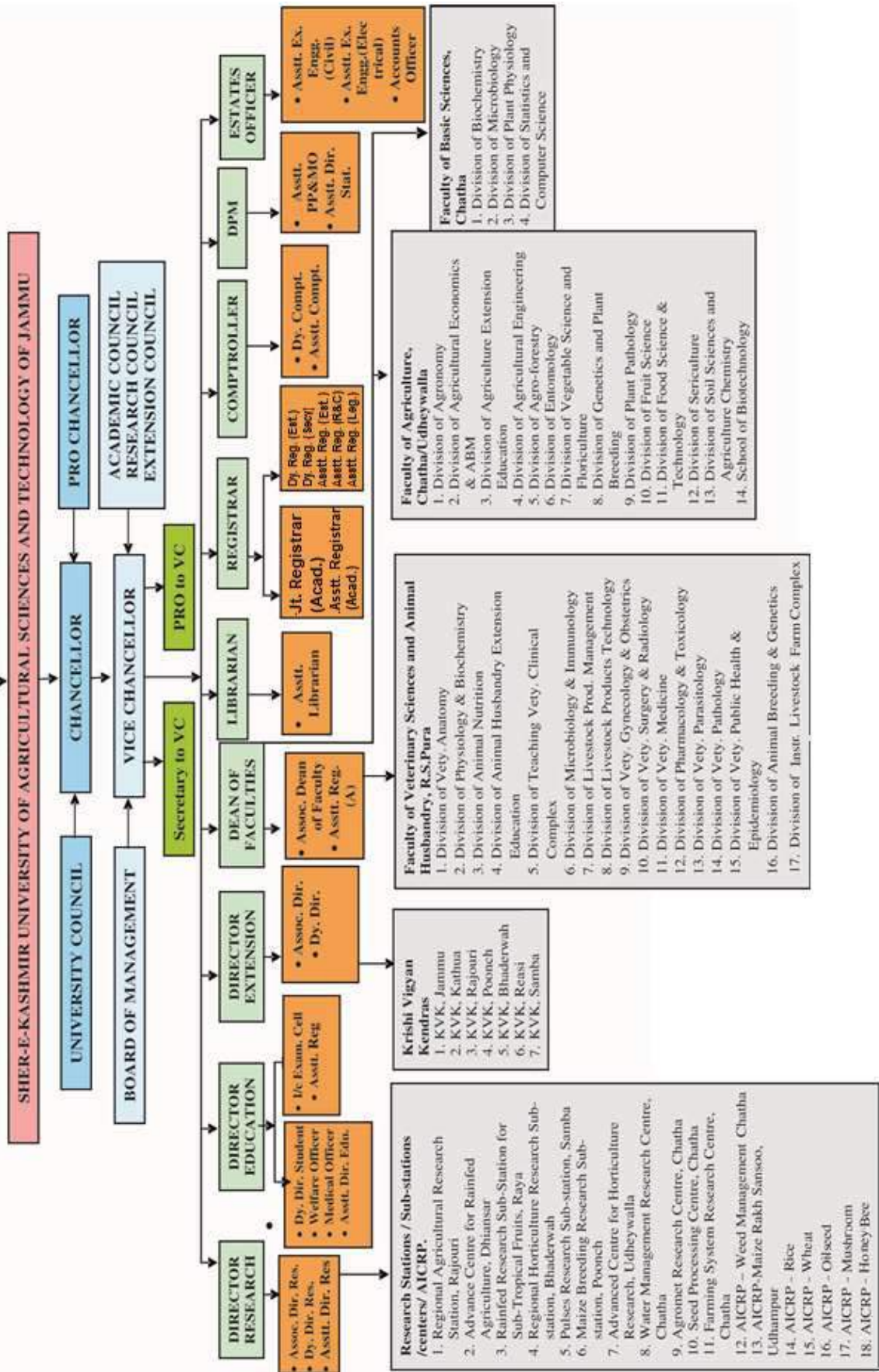
(Sd/)
SHEIKH GULAM RASOOL
Commissioner & Secretary to
Government Agriculture Production Depart

The flow charts showing Channels of Communication, organizational structure and decision making process in the University are presented below:

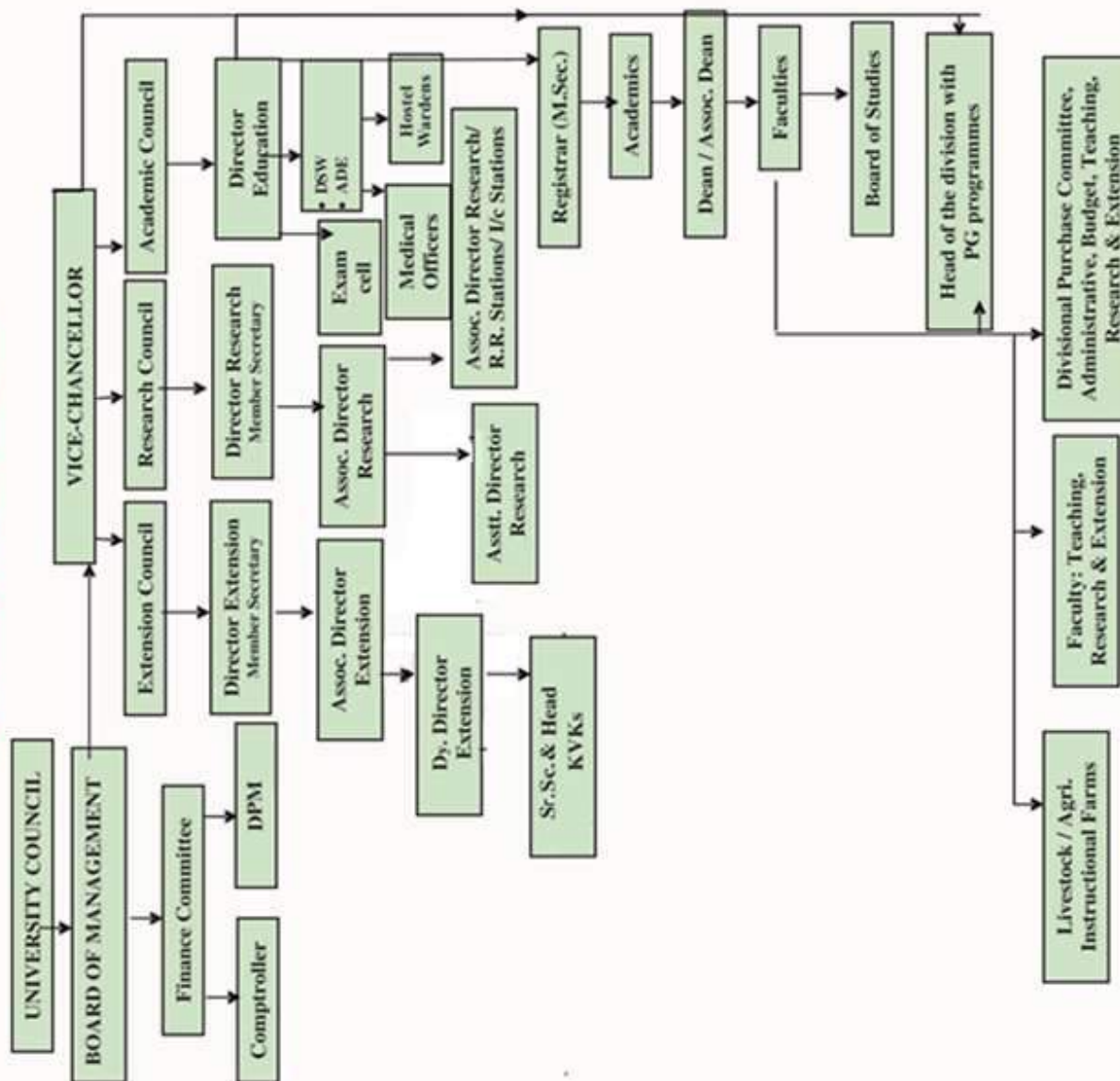


ORGANIZATIONAL STRUCTURE

ORGANOGRAM



FLOW CHART SHOWING THE DECISION MAKING PROCESS ON VARIOUS ASPECTS OF UNIVERSITY FUNCTIONING



6.6.1.2. Statues and Regulations

A.	ACT:	<p align="center">SHER-E-KASHMIR UNIVERSITIES OF AGRICULTURAL SCIENCES & TECHNOLOGY ACT, 1982 (amended upto 2005)</p> <p align="center"><i>ACT No. VII of 1982</i></p> <p>Received the assent of the Governor on 16th April, 1982 and published in the Government Gazette dated 17th April, 1982.</p> <p>An Act to provide for the establishment and incorporation of the Sher-e-Kashmir Universities of Agricultural Sciences and Technology in the State of Jammu and Kashmir.</p> <p>Be it enacted by the Jammu and Kashmir State Legislature in the Thirty-third year of the Republic of India as follows:</p> <p align="center">GOVERNMENT OF JAMMU AND KASHMIR CIVIL SECRETARIAT- AGRICULTURE PRODUCTION DEPARTMENT</p> <p align="center">NOTIFICATION</p> <p align="center">Srinagar, the 29th September, 1999</p> <p>SRO-408: In exercise of the powers conferred by sub-section (2) of section 1 of the Sher-e-Kashmir University of Agricultural Sciences and Technology(Amendment) Act, 1998, the Government hereby appoint 20th days of September, 1999 the date on which the said Act shall come into force.</p> <p align="center">By order of the Government of Jammu and Kashmir.</p> <p align="right">Sd/ Additional Secretary of Government Agriculture Production Department</p> <p>No: Agri-SKUAST/48/99 Dated: 20th September, 1999</p>
B.	Statutes	<p>SHER-E-KASHMIR UNIVERSITIES OF AGRICULTURAL SCIENCES & TECHNOLOGY, STATUTES</p> <p>Clause 50 B of SKUAST ACT 1982 : Continuance of the existing Statutes and regulations: All the Statutes and Regulations made under the Sher-e-Kashmir University of Agricultural Sciences and Technology Act, 1982 and in force immediately before the commencement of the Sher-e-Kashmir University of Agricultural Sciences and Technology (Amendment) Act, 1998 shall so far as may be consistent with the provisions of this Act, continue to be in force in each University after such commencement.</p> <p align="center">(List of statutes & regulations published is given as Annexure V)</p>
C.	Regulations on Residential Instruction	<p>SHER-E-KASHMIR UNIVERSITIES OF AGRICULTURAL SCIENCES & TECHNOLOGY-Regulation on Resident Instructions 2009</p> <p>SHER-E-KASHMIR UNIVERSITIES OF AGRICULTURAL SCIENCES & TECHNOLOGY-Regulation on Resident Instructions 2020 shall come into force w.e.f 16-03-2021 vide notification no 469Acad) of 2021 dated 06-04-2021</p>

Amendments made by the SKUAST-J in Statues from time to time

Notification No.	Schedule /Chapter of amendment	Amendments/Addition related to
26 (Secy.) of 2018 dated 27.09.2018	Schedule-I to Chapter-II	Appointment of Officers and Teachers of the University (Dean, Students Welfare)
16 (Secy.) of 2018 dated 11.07.2018	Schedule-I to Chapter-II	Part (B) of Career Advance Scheme for Research Assistants/Sr. Technical Assistants notified vide Notification no. Adm/AR-R&C/UC-09/94/864-923 dated 24.02.1994, is re-casted
15 (Secy.) of 2018 dated 11.07.2018	Schedule-I to Chapter-II	Column 2 captioned “Designation of the post” appearing at S.No. 10 in Schedule-I to Chapter-II (Appointment of Officers and Teachers of the University) of SKUAST-Statutes is re-casted
	Schedule-III to Chapter-III (Auxiliary Staff Cadre)	Added as Class-1, Category 1 in Schedule III to Chapter III (Auxiliary Staff Cadre)
05 (Secy.) of 2018 dated 09.03.2018	Schedule-I to Chapter-II (Accounts Cadre)	Note (a) to the extent as under is inserted below class-I, category (Accounts Cadre) of SKUAST-Statutes
04 (Secy.) of 2018 dated 09.03.2018	Schedule-I to Chapter-II (Appointment of Officers and Teachers of the University) of SKUAST-Statutes	Note existing under the Column-3 captioned as “minimum qualification for direct recruitment” for the post of Assistant Professor/Jr. Scientist appearing at S.No. 10, Associate Professor/Sr. Scientist/Dy. Director Research/Extension and equivalents appearing at S.No. 9 and Professor/Chief Scientist/Associate Director & equivalent appearing at S.No. 8 appearing at S.No. 10 under Schedule I to Chapter-II (Appointment of Officers and Teachers of the University) of SKUAST-Statutes are re-casted
	Chapter-III (Recruitment of employees other than officers and Teachers of the University)	The Sub-clause c] is incorporated under clause 15 (Method of recruitment)
		The selection criteria for Class-VI position employees existing at S.No. 20 in the appendix to Chapter-III (Recruitment of employees other than officers and Teachers of the University) of SKUAST-Statutes is re-casted

	Schedule-VI to Chapter-III (Two Tier Career Advancement Schemes for Non-Teaching employees)	The clause is inserted at S.No. 11 under General Conditions of Schedule-VI to Chapter-III (Two Tier Career Advancement Schemes for Non-Teaching employees) of SKUAST-Statutes
	Schedule-II to Chapter-II (Accounts Cadre)	Proviso 2] under note para below Schedule-II to Chapter-III of SKUAST-Statute (Accounts Cadre) is re-casted
	Schedule-VI to Chapter-III (Miscellaneous cadre)	The proviso "Age not more than 45 years" existing under Column-4 captioned as "Minimum qualification for direct recruitment" for the post of Security Guard, appearing at Class-XXVIII under Schedule-IV to Chapter-III (Miscellaneous cadre) of SKUAST-Statutes is re-casted
	Schedule-I to Chapter-III (General Administration Cadre)	The content under Column 3 captioned "Designation of the post" appearing at Class-VI of Schedule-I to Chapter-III (General Administration Cadre) of SKUAST-Statutes is re-casted
	Schedule-VIII to Chapter-III (Information Technology Rules for SKUAST-J)	A Schedule captioned as "Schedule-VIII to Chapter-III" is inserted in SKUAST-Statutes to the extent as under: Schedule-VIII to Chapter-III (Information Technology Rules for SKUAST-J)
	Schedule-II to Chapter-II (Accounts Cadre)	Pay Scale of Rs. 4000 – 6000 (unrevised) of the post Accounts Assistant/Cashier)
01 (Secy.) of 2018 dated 30.01.2018	Schedule-I to Chapter-II	Appointment of Officers and Teachers of the University
	Schedule-IV to Chapter-III	Miscellaneous Cadre of SKUAST-Statutes
	Schedule-I to Chapter-III	General Administration cadre of SKUAST-Statutes
	Schedule-I to Chapter-II	Appointment of Officers and Teachers of the University
	Schedule-IV to Chapter-III	Miscellaneous Cadre of SKUAST-Statutes
29 (Secy.) of 2017 dated 07.12.2017	Schedule-III to Chapter-II	Career Advancement Scheme for Assistant Librarians of the University
	Schedule-I to Chapter-II	Appointment of Officers and Teachers of the University
17 (Secy.) of 2015 dated 12.08.2015	Schedule-III to Chapter-III	Auxiliary Staff Cadre

15 (Secy.) of 2015 dated 22.07.2015	Schedule-I to Chapter-II	Appointment of Officers and Teachers of the University “Qualification for Direct recruitment” for the posts of Asstt. Prof. & equivalent and SMS
	Schedule-VII to Chapter-III	Career Advancement Scheme for the Medical Officers of the University
10 (Secy.) of 2015 dated 22.07.2015	Notification no. 05 (Secy.) of 2014 dated 12.02.2014 Prescribing the modalities and terms & conditions of employment for fixed salary mode of recruitment to non-teaching categories of SKUAST-Statutes Jammu it treated as withdrawn	
05 (Secy.) of 2014 dated 12.02.2014	Modalities for fixed salary mode of recruitment to non-teaching categories of SKUAST-Jammu	
04 (Secy.) of 2014 dated 28.01.2014	Schedule-I to Chapter-IX	Delegation of Administrative powers to the Officers and Employees of University
	Schedule-II to Chapter-IX	Delegation of Financial powers to the Officers and Employees of University
	Schedule-I to Chapter-II	Appointment of Officers and Teachers of the University “Qualification for Direct recruitment” for the posts of Professor/Chief Scientist/Associate Director/Assoc. Dean & Assoc. Professor/Sr. Scientist/Deputy Director Research/Extension & equivalent at S. No. 8 and 9 respectively
02 (Secy.) of 2014 dated 06.01.2014	Schedule-I to Chapter-III	Withdrawal of Notification No. 11 (Secy.) of 2012 dated 30.08.2012 with respect to the direct recruitment for the post of Public Relations Officer
13 (Secy.) of 2013 dated 11.07.2013	Schedule-I to Chapter-II	Appointment of Officers and Teachers of the University “Qualification for Direct recruitment” for the posts of Director Education, Director Research, Director Extension, Dean, Subject matter Faculties, Professor/Chief Scientist/Associate Director/Assoc. Dean & Assoc. Professor/Sr. Scientist/Deputy Director Research/Extension & equivalent at S.No. 1, 2, 3, 4, 8 and 9 respectively

07 (Secy.) of 2013 dated 08.03.2013	Schedule-IV to Chapter-III	Two time Career Advancement Scheme for No-teaching employees of the University
06 (Secy.) of 2013 dated 07.03.2013	Schedule-I to Chapter-II	Appointment of Officers and Teachers of the University (Students Welfare Officer)
	Schedule-I to Chapter-III	General Administration Cadre "Minimum qualifications for direct recruitment to class-IV
03 (Secy.) of 2013 dated 11.01.2013	S.No. 10 to Schedule-I to Chapter-II (Appointment of Officers and Teachers of the University)	The essential qualifications at graduation level in various disciplines of Agri./allied Sciences for recruitment (by selection) to the post of Assistant Professor/Junior Scientist and Subject Matter Specialist
01 (Secy.) of 2013 dated 08.01.2013	Schedule-I, III and IV to Chapter-III respectively	"Minimum qualifications for direct recruitment" General Administration Cadre, Auxiliary Staff Cadre and Miscellaneous Cadre
15 (Secy.) of 2012 dated 20.11.2012	Schedule-I to Chapter-III (General Administration Cadre)	"Method of recruitment" for the post of Assistant-cum-Typist & equivalent
11 (Secy.) of 2012 dated 30.08.2012	Schedule-I to Chapter-III (General Administration Cadre)	Method of recruitment for the post of Public Relation Officer
	Schedule-I to Chapter-III (General Administration Cadre), Schedule-II to Chapter-III (Accounts Cadre), Schedule-III to Chapter-III (Auxiliary Staff Cadre), Schedule-IV to Chapter-III (Miscellaneous Cadre)	The word "Dy. Registrar (Establishment)" is replaced with Deputy Registrar (Secrecy)
	Chapter-IV	Clause-27(c) should be added to Chapter IV (Conditions of Service of the employees of the University)
05 (Estt.) of 2012 dated 06.03.2012	Schedule-I to Chapter-III (Accounts Cadre)	Increasing of Stipend of Rs. 3500/- PM during training period
	Schedule-I to Chapter-III (Auxiliary Staff Cadre)	Increasing of Stipend of Rs. 3000/- during apprenticeship period
04 (Estt.) of 2012 dated 06.03.2012	Schedule-II to Chapter-IX	Under S.No. 39 column no. 4
35 (Estt.) of 2011 dated 02.12.2011	SKUAST-Statutes	Change of nomenclature for the posts of Director in SKUAST-Statutes as Director Education, Director Research and Director Extension

19 (Estt.) of 2011 dated 08.07.2011	Schedule-IV to Chapter-III (Miscellaneous Cadre)	Method of recruitment for the post of Assistant Executive Engineer
18 (Estt.) of 2011 dated 08.07.2011	Schedule-I to Chapter-III (General Administration Cadre)	Class II, Category 3 is added (Method of recruitment for the post of Assistant Registrar (Legal))
17 (Estt.) of 2011 dated 08.07.2011	Chapter-IV	Faculty Improvement Programme
15 (Estt.) of 2011 dated 08.07.2011	Schedule-I to Chapter-II (Appointment of Officers and Teachers of the University)	Note-ii under S.No. 8 deleted
14 (Estt.) of 2011 dated 08.07.2011	Schedule-IV to Chapter-III (Appointment of Head Draftsman)	i. Direct recruitment process as one time exception. ii. In case of non-availability of suitable Head Draftsman through direct recruitment process, the University could consider engaging a retired Head Draftsman on contract basis or seek deputation from the State Government
13 (Estt.) of 2011 dated 08.07.2011	Schedule-I to Chapter-II (Appointment of Officers and Teachers of the University)	S.No.9 – Qualification for recruitment (Assistant Professor/Junior Scientist or equivalent)
12 (Estt.) of 2011 dated 08.07.2011	Schedule-I to Chapter-III (General Administration Cadre)	Method of recruitment for the posts of Dy. Registrar (Estt.) and Dy. Registrar (Secrecy)
09 (Estt.) of 2011 dated 18.04.2011	Schedule-IV to Chapter-III (Miscellaneous Cadre)	Qualification for the post of Assistant Executive Engineer (Civil/Electrical)
06 (Estt.) of 2011 dated 05.04.2011	Schedule-I to Chapter-III (General Administration Cadre)	i. Conversion of one post of Sr. Scientist, Animal Nutrition, RARS, Rajouri to Deputy Registrar (Secrecy) ii. Mode of recruitment and qualification for the posts of Deputy Registrar (Secrecy) and Deputy Registrar (Establishment)
03 (Estt.) of 2011 dated 15.02.2011	Schedule-II to Chapter-IX	Delegation of Financial powers to the officers and employees of the University
03 of 2009 dated 23.10.2009	Schedule-I to Chapter-II (Appointment of Officers and Teachers of the University)	Method of recruitment for the post of Dean, Subject Matter Faculties

6.6.1.3. University Statutory officers and their selection process

A. University Officer

OFFICERS OF THE UNIVERSITIES	
Statutory Officers	<ol style="list-style-type: none"> 1) The Chancellor 2) The Pro-Chancellor 3) The Vice- Chancellor 4) Directors <ol style="list-style-type: none"> a) Director Education b) Director Research c) Director Extension Education d) Director Planning and Monitoring 5) The Deans <ol style="list-style-type: none"> a) Dean, Faculty of Agriculture b) Dean , Faculty of Veterinary Sciences and Animal Husbandry c) Dean, Basic Sciences d) Dean Student Welfare 6) The Registrar 7) The Comptroller 8) The University Librarian 9) Estates Officer

A. Selection Process

Part 1

1. The Chancellor	The Lieutenant Governor of the Union Territory of Jammu and Kashmir shall by virtue of his office shall be the Chancellor of the University
2. The Pro-Chancellor	The Chief Minister of the Union Territory of Jammu and Kashmir by virtue of his office shall be the Pro-Chancellor of the University.

Part 2

Post	Present position/Name of the officer	Mode of appointment (selection/Nomination)	Date of Joining	Tenure
3. Vice Chancellor	Filled/ Prof. J.P.Sharma	The Vice-Chancellor shall be a whole time officer of the University and he shall be appointed by the Chancellor from the panel of eminent agricultural/ veterinary scientists drawn by the Selection Committee. The Selection Committee shall consist of the following persons: a. Director General, ICAR; b. Chairman, UGC or his nominee; c. Chief Secretary/Additional Chief Secretary, Jammu and Kashmir Government (nominee of the Jammu and Kashmir Government) d. One nominee of the Chancellor; b. Provided that one of the members shall be nominated by the Chancellor to act as Convener	15.06.2020	03 (three) years
4. Directors				
a) Director Research	Officiating Dr. Jag Paul Sharma	Selection based (By direct recruitment)	15.12.2020	05 years
b) Director Extension Education	Officiating Dr. Surinder Kumar Gupta	The officers of the University as mentioned at S.No. 4(a-d) is being appointed by the Vice-Chancellor with the approval of the concerned authority of University viz. Board of Management	19.05.2020	05 years
c) Director Education	Officiating Dr. S.K.Gupta		04.02.2020	05 years
d) Director Planning and Monitoring	Officiating Sh. Rajesh Talwar		01.02.2021	05 years
Dean				
a) Dean, Faculty of Agriculture	Officiating Dr. Bikram Singh	Selection based (By direct recruitment)	01.03.2021	05 years
b) Dean, Faculty of Veterinary Sciences and Animal Husbandry	Officiating Dr. M.S.Bhadwal	The officers of the University as mentioned at S.No.5(a-d)is being appointed by the Vice-Chancellor with the approval of the concerned authority of University viz. Board of Management	19.05.2020	05 years
c) Dean, Basic Sciences	Officiating Dr. S.E.H. Rizvi,		01.01.2018	05 years
d) Dean Student Welfare	Officiating Dr. Rajesh Katoch		21.08.2018	05 years

5. Registrar	Officiating Dr. Jag Paul Sharma	1. By direct Selection (By direct recruitment) 2. Deputation (In case of deputation, Senior Officer in the selection scale IAS officer or equivalent from Administrative Cadre) The officer of the University as mentioned at S.No.6, in case of direct selection, is being appointed by the Vice-Chancellor with the approval of the concerned authority of University viz. Board of Management	01.02.2021	05 years (in case of direct selection)
6. Comptroller	Filled Sh. Rajesh Talwar	1. By direct Selection (By direct recruitment) 2. Deputation (In case of deputation, Senior Officer in the selection scale of accounts cadre or equivalent or above) The officer of the University as mentioned at S.No.7, in case of direct selection, is being appointed by the Vice-Chancellor with the approval of the concerned authority of University viz. Board of Management	08.03.2018	05 years (in case of direct selection)
7. Librarian	Officiating Dr. Surinder Kumar Gupta	Direct Selection (By direct recruitment) The officer of the University as mentioned at S.No. 7 is being appointed by the Vice-Chancellor with the approval of the concerned authority of University viz. Board of Management	30.01.2019	5 years
8. Estates Officer	Filled Sh. Rajinder Paul Gupta	1. By direct Selection (By direct recruitment on all India basis competition) 2. Deputation (In case of deputation, Senior Superintending Engineer from Govt. or autonomous body or organization) The officer of the University as mentioned at S.No.9, in case of direct selection, is being appointed by the Vice-Chancellor with the approval of the concerned authority of University viz. Board of Management	18.02.2021	05 years (in case of direct selection)

6.6.1.4. Decentralization of power

The SKUAST Statutes under chapter DELEGATION OF AMINISTRATIVE AND FINANCIAL POWERS TO THE OFFICERS/EMPLOYEES OF THE UNIVERSITY provides decentralization of power. The officers, teachers and other employees of the University may exercise such administrative and financial powers as are specified in schedule I and schedule II of this Chapter subject to the control of the Vice-Chancellor and the superior officer concerned, provided that the Vice-Chancellor may at his discretion order that an officer, teacher or other employee shall not exercise a particular power or may exercise the power with such modifications as he considers necessary.

- I. Provided that the Vice-Chancellor may, by order, authorize some other employee to exercise any of the powers to be exercised by a particular officer/Head of Divisions/Regional Stations and other employees if such officer/Head of Division/Regional Station/employee is not in position to the extent he deems proper in such individual case.
- II. Provided further that the Vice-Chancellor may, by order, delegate administrative/ financial powers to the In-charges of other Units/Farms, other than the main Divisions and Regional Stations, to the extent and for the purpose as the Vice-chancellor may deem within the limits prescribed in Schedule I and II of this Clause.
- III. No expenditure shall be incurred which does not have the act of appropriation and sanction.
- IV. Bills for pay and other charges duly sanctioned for the month of March and the previous months may be paid in anticipation of communication of budget.
- V. Expenditure may also be incurred in emergent cases during the month of April and May in anticipation of communication of budget provided that such expenditure does not exceed the average monthly expenditure of the previous year.

SCHEDULE I TO CHAPTER IX of SKUAST-Statutes
Delegation of Administrative Powers to the Officers and Employees of University

S. No. 1	Nature of power 2	To whom delegated 3	Extent 4
1.	To make appointments	Vice-Chancellor	As provided in Section 27 & 48 of the Act and to make temporary appointments for a period of six months
2.	To sanction deputation of University employees to other parts of India outside the State for purpose of training/meeting/conferences/seminars etc. in the interest of University and to sanction advance T.A. for this purpose ¹	i. Vice-Chancellor ii. Officers of the University	i. Full Powers ii. Full powers to Officers of the University in respect of staff under their control required to attend the annual workshops of ICAR coordinated projects/ schemes/ trainings of summer/ winter institute or any other official purpose provided that not more than two persons are deputed and funds are available for the purpose.
3.	* Power to transfer employees within the University * Restrictions: The powers shall not be exercised at present without prior approval of the Vice-Chancellor Vide University Order No. 342 of 1985 dated 23-05-1985	i. Vice-Chancellor ii. Directors	i. Full powers ii. Teachers and staff borne on auxiliary staff cadre of the rank of Assistant Professor and below within their jurisdiction in consultation with the Head of Division/ Regional Station. Copies of all such orders shall be endorsed to Registrar Office invariably. Such transfers will be made provided that a person has two year's stay at one place
^{1.} Recasted Vide Notification No. 04(Secv.) of 2014 dated 28-01-2014			

S.No. 1	Nature of power 2	To whom delegated 3	Extent 4
		iii. Registrar	iii. Staff borne on General Administration Cadre below the rank of Assistant Registrar in consultation with the concerned University Officers/Heads of Division/ Regional Station /Unit concerned. Such transfers will be made provided that a person has two year's stay at one place
		iv. Comptroller	iv. Staff borne on Accounts cadre below the rank of Assistant comptroller in consultation with the Heads of Division/ Regional Station/Unit concerned. Copies of all such orders shall be endorsed to Registrar office invariably. Such transfers will be made provided that a person has two year's stay at one place
4.	To constitute Committees for purchase /auction/ survey etc ¹	i. Vice-Chancellor ii. Officers of the University Vice-Chancellor	i. Full powers ii. Upto`1,00,000/-
5.	To sanction deputation of the purchase committee members outside the State along with advance T.A. for urgent purchases of any material	Appointing authority	Full powers subject to the conditions that Comptroller/ Deputy Comptroller is associated in the committee
6.	To allow employees to cross the efficiency bar		Full powers
7.	To grant different kinds of leave and to sanction acting arrangement: ¹	i. Vice-Chancellor ii. Officers of the University iii. Heads of Divisions/Regional Stations	i. All University Officers ii. All officials upto the rank of Professor and equivalent working directly under them iii. All staff borne on different cadres of the rank of Associate Professor and below working under them expect himself in case of HoD/Regional Station/ KVK is Associate Professor or equivalent

¹. Recasted Vide Notification No. 04(Secy.) of 2014 dated 28-01-2014

S. No. 1	Nature of power 2	To whom delegated 3	Extent 4
8.	Permission to purchase movable and immovable property by the employees of the University ¹	i. Vice-Chancellor ii. Officers of the University. iii. Heads of Divisions/ Regional Stations	i. Full powers ii. `3,00,000/- in respect of each staff Member working under them iii. `1, 00,000/- in respect of each staff Member working under them.
9.	Acceptance of resignation of University employees	Appointing authority	Full powers
10.	To increase or reduce the number of posts of any division/Station/Unit/ Scheme by corresponding reduction or increase of similar posts in same or other division/ Station/ Unit/ Scheme	Vice-Chancellor	Full powers in respect of posts below the rank of Assistant Professor or equivalent in consultation with Financial Advisor
11.	Power to declare controlling authority in T.A. of employees of the University	Vice-Chancellor	Full powers
12.	Power to fix Headquarters of any post within the State	i. Vice-Chancellor ii. Directors (to be specified by the Vice-Chancellor) iii. Estates Officer, Heads of Divisions/ Regional Stations	i. Full powers ii. In respect of Assistant Professor and below for a period upto six months iii. In respect of employees below the rank of Assistant Professor and equivalent working under them for a period upto 6 months within their jurisdiction
13.	Powers to sanction House Rent Allowance to the employees whose Headquarters are changed for a period not exceeding six months, in special cases provided that the Headquarters are shifted more than 100 K.M. away in respect of Assistant Professor and above and 50 K.M. away in respect of employees below the rank of Assistant Professor	Directors, Estates Officer, Heads of Divisions/ Regional Stations	i. 10% of the pay or the actual rent paid whichever is less in respect of employees under their direct control

¹: Recasted Vide Notification No. 04(Secy.) of 2014 dated 28-01-2014

S. No. 1	Nature of power 2	To whom delegated 3	Extent 4
14.	Powers to sanction House Rent Allowance to employees who move with Camp Office to Jammu	i. Vice-Chancellor	i. Full powers as per Government rules and provisions
a.	Employees whose pay does not exceed Rs. 1500/-	i. Vice-Chancellor	i. Full powers as per Government rules and provisions
b.	Employees whose pay exceeds Rs. 1500/-	i. Vice-Chancellor	i. 10% of pay to be paid by the employee for himself for appropriate accommodation befitting his status and rest to be reimbursed subject to ceiling of 20% of his pay
15.	To grant sponsorship under Faculty Improvement Programme	i. Vice-Chancellor	i. Full powers
16.	To commute retrospectively periods of absence without leave into leave without allowances	i. Vice-Chancellor	i. Full powers
17.	To sanction relaxation of provisions of T.A. rules in respect of mode of travel	i. Vice-Chancellor	i. Full powers
18.	Power to sanction honorarium to the employees of the University	i. Vice-Chancellor	i. Full powers provided that the amount does not exceed one month's pay in a year in each case
19.	To permit acceptance of fees/ honorarium for work outside the University by the University employees provided that the University work does not suffer on this account. ¹	i. Vice-Chancellor ii. Officers of the University	i. Full powers ii. In respect of employees within his jurisdiction subject to the conditions that such fees etc. in case of an employee does not exceed `6,000/- in a year.

¹. Recasted Vide Notification No. 04(Secy.) of 2014 dated 28-01-2014

SCHEDULE II TO CHAPTER IX of SKUAST-Sttautes

Delegation of Financial Powers to the Officers and Employees of the University

S. No.	Nature of power	To whom delegated		Extent	
1	2	3		4	
1(a)	To purchase books, periodicals, Maps etc. of scientific and technical nature for routine official use	i.	Vice-Chancellor		i. Full powers
		ii.	Directors, Registrar, Comptroller and other officers of the University		ii. ₹1,000/- a year
		iii.	Heads of Divisions/ Regional Stations		iii. ₹500/- a year
1(b)	To purchase books, directories, dictionaries and maps etc. for use in the University Libraries	i.	Vice-Chancellor		i. Full powers
		ii.	University Librarian		i. Upto ₹ 20,000/- in a year on the recommendations of the Heads of Divisions/Officers of the University
					ii. Full powers on the recommendations of Library Advisory Committee
		iii.	Heads of Regional Stations/Veterinary Faculty/Agriculture College		i. Upto ₹10,000/- in a year in respect of Regional Stations and ₹20,000/- in a year in case of College of Agriculture, Wadura and Veterinary Faculty.
					ii. Full powers on the recommendations of Library Advisory Committee

S. No.	Nature of power		To whom delegated		Extent	
1	2		3		4	
1(c)	To purchase Journals/ Periodicals / reviews/ bulletins of technical and scientific nature		University Librarian / Heads of Regional Stations/ Veterinary Faculty/ Agriculture College		Full powers on the recommendations of Library Advisory Committee approved by the Vice-Chancellor	
2.	To sanction rate contract for purchase of stationery articles		Vice-Chancellor		Full powers on the recommendations of purchase committee. In determining the rate contract, the rate and quality fixed by the Government for similar articles shall be kept in view.	
3.	To allow to make purchase of stationery articles after inviting quotations ¹	i.	Vice-Chancellor	i.	Upto`1,00,000/-	In each case For items which are not covered under rate contract or are not supplied by the supplier with whom rate contract is sanctioned on the recommendations of the purchase committee
		ii.	Officers of the University.	ii.	Upto`20,000/-	
		iii.	Heads of Divisions/ Regional Stations	iii.	Upto`6,000/-	
4.	To allow to make local purchase of stationery for use in case of urgency without inviting tender ¹	i.	Vice-Chancellor	i.	Upto`50,000/- in a year	
		ii.	Officers of the University	ii.	Upto ₹ 6,000/- in each case subject to maximum of ₹15,000/- in a year	
		iii.	Heads of Divisions/ Regional Stations	iii.	Upto ₹ 1500/- in each case subject to maximum of ₹10,000/- in a year.	
5.	To sanction purchase of Engineering Stationery		Estates Officer		Full powers on the recommendations of Purchase Committee	

¹. Recasted Vide Notification No. 04(Secv.) of 2014 dated 28-01-2014

S.No. 1	Nature of power 2	To whom delegated 3	Extent 4
6.	To give printing work to a private press ¹	i. Vice-Chancellor ii Officers of the University. . ii Heads of Divisions/ Regional i. Stations.	i. Full powers ii. ₹ 12,000/- in each case after following codal formalities provided that the Government Press is not in a position to undertake the job. iii ₹ 6.000/- in each case subject to maximum of ₹15,000/- in a year subject to observance of all codal formalities.
7.	To sanction permanent advance to the Officers/ Heads of Divisions/ Regional Stations and other employees Incharge of a section/ unit ¹	i. Vice-Chancellor ii Comptroller .	i. Upto ₹10,000/- in each case ii. Upto ₹5,000/- in each case after keeping in view the average expenditure of the units.
8.	To authorize repairs of University buildings ¹	i. Estates Officer ii. Heads of Stations outside headquarter ii Officers of the University . i Heads of Divisions/ Regional i Stations i .	i. Full powers upto the extent funds are available in consultation with the Officers of the University/Heads of Divisions/Regional Stations/Units. ii. Upto `10,000/- at a time but not exceeding maximum of `50,000/- in a year subject to availability of funds. ii. Upto ` ₹ 2,00,000/- in each case iii. Upto ₹ 1,00,000/- in each case

S. No.	Nature of power	To whom delegated	Extent
1	2	3	4
10.	To make purchase of stores, equipments, machinery, tools etc. sanctioned by the Competent Authority	University Officers/ Heads of Divisions/ Regional Stations/ Estates Officer	Full powers subject to the availability of funds and on the rates, terms and conditions recommended by the Purchase Committee
11.	To sanction contracts for sale of farm or garden produce	Heads of Divisions/ Regional Stations	Full powers on the recommendations of the Auction committee and subject to the conditions that the bid accepted is not less as compared to the average bid of the last three years. Where the average bid is less than average of the last three years, approval of the Vice-Chancellor through Comptroller should be sought
12.	To sanction refund of revenue	Comptroller	Full powers subject to admissibility under rules
13.	To declare stores surplus or un-serviceable excluding farm produce ¹	i. Vice-Chancellor ii Officers of the University/ Heads of Divisions/ Regional Stations/ Estates Officer	i. Full powers ii. Upto book value of ₹50,000/- in each case subject to maximum of ₹3, 00,000/- in a year. Provided that the stores before being declared as unserviceable are surveyed reported by the Survey Committee to be constituted in this behalf.
14.	To write off storage losses in farm produce due to dryage, damage by weevils, rats, fires, white ants, rains etc. and plants and grafts	i. Vice-Chancellor ii Directors . . ii Heads of Divisions/ Regional Stations i Stations	i. Full powers ii. Upto 3% of the total value of the stock in respect of farm produce and 10% in case of plants and grafts iii. Upto 2% of the total value of the stock in case of farm produce and 5% in case of plants and grafts

¹. Recasted Vide Notification No. 04(Secy.) of 2014 dated 28-01-2014

S. No. 1	Nature of power 2	To whom delegated 3	Extent 4
15.	To write off University money lost by fraud or negligence of individuals or other causes which are ir-recoverable. ¹	i. Vice-Chancellor ii. Officers of the University	i. Upto ₹1,000/- in each case, subject to a limit of `5,000/- in a year ii. Upto ₹300/- in each case, subject to a ceiling of ₹1,500/- in a year provided that:- Serious negligence on the part of some individual employee or employees which might possibly call for disciplinary action requiring the order of a higher authority and in case of any fraud or negligence, disciplinary action is taken against the defaulting official or officials concerned before the loss is written off.
16.	To fix sale rate of perishable agriculture and animal produce of farms ¹	i. Heads of Divisions/ Regional Stations	i. Committee to be constituted by the Vice-Chancellor-for the value above ₹1,00,000/- & Officers of the University-upto the value of ₹1,00,000/-
17.	To sanction re-appropriation of grants except in the following cases: a. From funds under the revenue head of Account of Capital account or vice versa. b. From plan to non-plan c. To restore or to increase the expenditure on items the provision for which has been specifically omitted or reduced at the time of passing of the budget. d. To meet expenditure on a new service not contemplated in the budget e. After the close of the financial year f. To meet any expenditure which has not been approved by the competent authority g. From the primary unit (pay of Estt.) to any other unit	Vice-Chancellor	Full powers

¹. Recasted Vide Notification No. 04(Secy.) of 2014 dated 28-01-2014

S. No. 1	Nature of power 2	To whom delegated 3	Extent 4
h.	From lump sum provision made in the budget for some specific purpose pending sanction to details		
i.	To increase provision under temporary establishment except when engagement of the establishment has been approved by the competent authority; and		
j.	From grants specifically earmarked for execution of works to any other object of expenditure		
18.	To sanction expenditure on demonstration of implements, improved seed, fertilizers etc. ¹	i. Vice-Chancellor ii Officers of the University . . ii Heads of Divisions/ Regional i. Stations	i. Full powers ii. Upto ₹5,000/- in each case iii Upto ₹2,000/- in each case subject to a maximum of ₹10,000/- in a year
19.	To sanction expenditure for prizes and awards	i. Vice-Chancellor	i. Full powers subject to rules to be framed
20.	To sanction scholarships, stipends etc.	i. Director Resident Instruction ii Director Extension Education . .	i. Full powers subject to provisions of statutes and regulations in respect of Resident Instruction Programme ii. Full powers in respect of Extension Education Programme subject to provisions of funds for the purpose
21.	To sanction payment of demurrage charges ¹	i. Vice-Chancellor ii Officers of the University . . ii Heads of Divisions/Regional i. Stations	i. Full powers ii. Upto ₹1,000/- in each case iii Upto ₹ 500/- in each case Subject to the conditions that authority is satisfied that the amount payable is unavoidable and is not caused due to negligence of any person and is not recoverable from any employee.

¹. Recasted Vide Notification No. 04(Secy.) of 2014 dated 28-01-2014

S. No 1	Nature of power 2	To whom delegated 3	Extent 4
22.	To sanction expenditure on book binding including other binding work ¹	i. Officers of the University/ Heads of Divisions/Regional Stations ii Librarian .	i. Full powers ii. ₹ 10,000/- in each case subject to a maximum of ₹ 1,00,000/- in a year and beyond that with the approval of Vice-Chancellor
23.	To sanction supply of liveries to the eligible employees	Officers of the University, Heads of Divisions/Regional Stations	Full powers as per Government rules till the University rules are framed
24.	To sanction employment of skilled or unskilled labourers on daily wages except for ministerial and orderly posts ¹	i. Officers of the University/ Estates Officer/ Heads of Divisions/ Regional Stations	i. Subject to the conditions that the work is carried out throughout job contract basis/ outsourcing/bilateral engagement.
25.	To fix limits of security deposits of University employees and prescribe methods thereof	i. Vice-Chancellor	i. Full powers
26.	To sanction contingent expenditure of extraordinary nature ¹	i. Vice-Chancellor ii Officers of the University . ii Heads of Divisions/Regional Stations	i. ₹ 50,000/- in each case ii. Upto ₹ 15,000/- in each case iii Upto ₹ 5,000/- in each case under intimation to Comptroller and the Director concerned
27.	To sanction waiving in part or whole of recoveries of charges pointed out by audit or otherwise in extraordinary cases where chances of recovery are remote	i. Vice-Chancellor	i. Upto ₹ 500/- in each case
28.	To dispose of by burning, seeds, fruits, plants, and agricultural and animal products, unsuitable for public use ¹	i. Vice-Chancellor ii Officers of the University . ii Heads of Divisions/ Regional Stations	i. Full powers ii. Upto ₹ 10,000/- in each case under intimation to Comptroller iii. Upto ₹ 3,000/- in each case subject to a maximum of ₹ 5,000/- in a year under intimation to the Comptroller
	* Nature of powers: In consultation with the Comptroller	i.	

¹. Recasted Vide Notification No. 04(Secy.) of 2014 dated 28-01-2014

S. No. 1	Nature of power 2	To whom delegated 3	Extent 4
29.	To lay down scale for the issue of concentrates and feed for livestock and poultry.	i. Heads of Divisions/ Regional Stations	i. Full powers in consultation with the Scientist I/C Animal Nutrition
30.	To declare animals, agricultural produce, nursery plants, fruit trees, farm yard manure etc. as un-serviceable, surplus, un-economical ¹	i. Vice-Chancellor ii. Officers of the University iii. Heads of Divisions/ Regional Stations	i. Full powers subject to the recommendations of Survey Committee ii. Upto ₹ 20,000/- in each case subject to recommendations of the Survey Committee under intimation to Comptroller iii. Upto ₹ 10,000/- in each case subject to recommendations of the Survey Committee under intimation to Comptroller and concerned Officer of the University
31.	To sanction sale by public auction of animals, Agricultural produce, nursery plants, fruit trees and other stores declared surplus/un-serviceable by competent authority ¹	i. Vice-Chancellor ii. Officers of the University iii. Heads of Divisions/ Regional Stations	i. Full powers on the recommendations of Survey Committee ii. Upto ₹ 20,000/- in each case on the recommendations of the Survey Committee iii. Upto ₹ 10,000/- in each case on the recommendations of the Survey Committee
32.	To sanction write-off of books, periodicals and maps etc. other than those maintained in the Library rendered un-serviceable in fair use ¹	i. Vice-Chancellor ii. Officers of the University/ Heads of Divisions/ Regional Stations	i. Full powers on the recommendations of Survey Committee ii. ₹ 3,000/- book value in a year on the recommendations of the Survey Committee
33.	To write-off the value of animal died, destroyed	i. Vice-Chancellor ii. Heads of Divisions/ Regional Stations	i. Full powers ii. Of the average annual stock 1% in case of Live-Stock and 2% in case of poultry provided that the full case history is recorded and it is not other-wise recoverable on account of negligence of any official

¹: Recasted Vide Notification No. 04(Secy.) of 2014 dated 28-01-2014

S. No. 1	Nature of power 2	To whom delegated 3	Extent 4
33-A	To write-off difference between book value and sale proceeds of Live-Stock/ Stock and Stores declared surplus, un-productive, un-economical or un-serviceable by Culling/Survey Committee	i. Vice-Chancellor	i. Full powers
34.	To sanction expenditure on ordinary postage stamps for official communication in special case and foreign correspondence ¹	i. Vice-Chancellor ii. Officers of the University/ Heads of Divisions/ Regional Stations	i. Full powers ii. ₹ 10,000/- at a time and ₹ 50,000 per annum for Officers of the University iii. Upto ₹ 5,000/- per annum for HoDs
35.	To fix stock reserve limit for the Estates Division	i. Vice-Chancellor	i. Full powers in consultation with Financial Advisor
36.	To sanction expenditure on official functions, meeting etc. ¹	i. Vice-Chancellor ii. Officers of the University iii. Heads of Divisions/ Regional Stations	i. Full powers ii. Upto ₹ 3,000/- in each case and maximum of ₹ 25,000/- in a year subject to the conditions that expenditure per head does not exceed ₹ 30/-. However, for KVKs/Projects, the expenditure on refreshment shall be as per guidelines of schemes/project. iii. Upto ₹ 1,000/- in each case and maximum of ₹ 6,000 in a year subject to the conditions that expenditure per head does not exceed ₹ 25/- and availability of budget.
37.	<i>To accord technical sanction to detailed estimates of cost of original works or parts thereof including special repairs, renovation, additions or alternations and improvements not chargeable to maintenance.</i> ²	<i>Estates Officer</i>	<i>Full powers after approval by Works Committee of the University to the detailed estimates of the University works.</i>

1. Recasted Vide Notification No. 04(Secy.) of 2014 dated 28-01-2014

2. Recasted vide Notification No. 03 of 2011 dated 15-02-2011

S. No. 1	Nature of power 2	To whom delegated 3	Extent 4
38.	To accord technical sanction to detailed estimates chargeable to the maintenance of repairs	Estates Officer	Full powers
39.	To permit excess expenditure over originally technically sanctioned estimates without revision of technical sanction ¹	Estates Officer	Upto 5% and beyond that Vice-Chancellor in consultation with Chief Engineer concerned
40.	<i>To accord administrative approval for execution of works</i> ²	<i>Vice-Chancellor</i>	<i>Full powers</i>
41.	To sanction payment of rent for accommodation for official purpose	Officers of the University, Heads of Divisions/Regional Stations	Upto ₹500/- P.M. on the recommendations of the University Rent Committee, beyond that with the approval of the Vice-Chancellor
42.	* To sanction fluctuating expenditure in meeting allowances of sweepers	Vice-Chancellor, Officers of the University, Heads of Divisions/ Regional Stations	<ul style="list-style-type: none"> i. Full powers subject to the conditions that the payments are of purely contingent character, are drawn on contingent bills and may be withdrawn at any time at the discretion of the appointing authority ii. The allowances will not count for leave and pension or pensionary benefits iii. That the allowances do not go to a menial or inferior servant in employ in receipt of a monthly rate of pay iv. That the allowances granted do not exceed the minimum of the regular grade of such post, in case of whole time and 1/3 in case of part time

1. Recastedvide Notification No. 04(Est.) of 2012 dated 06-03-2012

2. Recasted vide Notification No. 03 of 2011 dated 15-02-2011

S. No. 1	Nature of power 2	To whom delegated 3	Extent 4
43.	To sanction expenditure on the supply of electric energy consumed in University Offices/Institutions/ Units	Officers of the University, Heads of Divisions/Regional Stations	Full powers
44.	To sanction expenses connected with shows, exhibition, fairs ¹	i. Vice-Chancellor ii. Director Extension Education Vice-Chancellor	i. Full powers ii. Upto ₹ 20,000/- in each case subject to budgetary provisions Full powers
45.	To declare scientists and other dignitaries as University guests and sanction expenditure on their board, lodge and conveyance etc		Full powers
46.	To execute repairs to the vehicles of the University in the market	Officers of the University, Heads of Divisions/Regional Station	Full powers subject to the conditions:- a. That all the formalities required under rules are observed in order to ensure that expenditure incurred is economical and reasonable b. The rates are verified by the technical hands or in absence thereof by the officers with whom the vehicles is/are attached
47.	To sanction purchase of vehicle/ tractors	Vice-Chancellor	Full powers
48.	To execute agreements for individual works/supply orders on behalf of University	Any employee of the University nominated by the Vice-Chancellor	
49.	To sanction expenditure in connection with the suits instituted by or against the University ¹	i. Vice-Chancellor ii. Registrar	i. Full powers ii. Upto ₹10,000/- in each case excluding lawyers fee
50.	To sanction expenditure on the engagement of person for specialized job like preparation of projects, reports compilation work etc. ¹	i. Vice-Chancellor	i. Full powers subject to the condition that the period does not exceed three months and total monthly expenditure on the engagement of each person does not exceed ₹10,000/-

1. Recasted Vide Notification No. 04(Secy.) of 2014 dated 28-01-2014

RESTRICTIONS

(Schedule I to Chapter IX Clause 69 of SKUAST-Statutes)

Administrative Powers

3. Powers to transfer employees within the university:

The powers shall not be exercised at present without prior approval of the Vice-Chancellor.

University
Order No. 342
of 1985 dt. 23-
05-1985

7. To grant all kinds of leave but excluding study & casual leave and to sanction acting arrangements.

Officers of the university/Heads of Divisions/Regional Stations Estates Officer of the university shall not exercise the powers in respect of making arrangement during leave of any official except in very special cases and that too with the permission of the Vice Chancellor.

Vide
University
Order No.
461(Est.) of
1987 dated 16-
07-1987

(Schedule II to Chapter IX Clause 69 Financial Powers)

9. To accord sanction of purchase of stores articles i.e. equipment, instrument, Machinery, tools, live stock, chemicals and glassware etc.

Powers may be exercised with the following restrictions:-

ii. Officers of the University

Subject to a maximum of Rs. 20,000/- in a year in respect of each category defined in University Order No. 246 of 1985 dated 15-04-1985 for each Regional Station/ Division. Copies of sanctions issued under this item shall invariably be endorsed to Comptroller's office.

Vide
University
Order No. 342
of 1985 dated
23-05-1985

iii. Heads of Divisions/Regional Stations

Subject to a maximum of Rs. 10,000/- in a year in respect of each category defined in University Order No. 246 of 1985 dated 15-04-1985

-do-

iv. Estates Officer

Subject to a maximum of Rs. 5,000/- in a year in respect of each category defined in University Order No. 246 of 1985 dated 15-04-1985

-do-

42. To sanction fluctuating expenditure in meeting allowances of sweeper

The powers may be exercised only with the prior approval of the Vice Chancellor.

Vide University Order No. 342 of 1985 dated 23-05-1985

6.6.1.5. Supporting Units

- Maintenance Cell: The University has established a maintenance Cell under the Estates Division for maintaining the upkeep of the infrastructure and other Physical Resources as infrastructure regularly monitored by the Estates officer and his Supporting Staff.
- SC/ST Cell: The university has created SC/ST cell vide no AUJ/EST/16-17/G-137/4392-4402 dated 17-10-2016 and its objectives are (i) To implement the reservation policy for SC/STs in the university (ii) to collect data regarding the implementation of the policies in respect of admissions, appointments to teaching and non-teaching positions in the university, and analysis of the data showing the trends and changes towards fulfilling the required quota. (iii) to take such follow up measures for achieving the objectives and targets laid down for the purpose by the Government of India and UGC, and (iv) to implement, monitor continuously and evaluate the reservation policy in the university and plan measures for ensuring effective implementation of the policy and programmes of the Government of India.
- Some of the members of this cell belong to the SC/ST categories. The committee should meet twice a year to review the position and to solve the problem. The committee will monitor the work relating to the implementation of the reservation policy as applicable. The committee will also coordinate with the standing committee on SC/ST constituted by UGC to oversee the implementation of reservation policy in University which shall be consonance with the policy of J&K State.
- Health Facility: The University has two Health Centres, one at main campus Chatha and other in R.S. Pura campus. One male and one female full time Medical Officer, staff nurses and other Para-medical staff is available to ensure health care facility to the staff and students residing at both the campuses. Besides, services of a dental surgeon are also hired by the university on part time basis. Clinical laboratory of the university is well equipped with latest automated equipment for laboratory test and physiotherapy. A round the clock ambulance service is also available for the hostel students as well as staff residing within campuses.
- The Maintenance Cell, SC/ST Cell and Health Facility are fully functioning and their services have been utilized by the Students and Staff of the universities.

6.6.1.6. Technology Support

Information of classroom technology:

- The smart class rooms are enriched with podium, Magnetics boards, Touch screens, Interactive boards with projectors, UPS, CCTV for quality education.
- High internet line through LAN, RF towers and Wi-fi facility are existing in all divisions & computer labs.
- Firewall is installed at NKN Lab. & Data centre with centralized control. The researchers and students are surfing internet for research purposes through assigned login i.e username & password.
- Official Email has been provided to all the divisions for communication of the research papers under the domain abc@skuast.org

- Online lectures and their materials provided to the students by their respective teachers.
- Webinar and guest lectures of the eminent researcher to the students.
- The University has developed a new Academic Management System with the support of ISARI, for online registration, monitoring and report generation etc.

6.6.1.7. Institutional Data Base and Website Update

The university has its own NKN Lab. and Data Centre SKUAST Jammu. The main component of the NKN Lab. & Data centre are Centralized Biometric Attendance System (BAS) database and its management, National E-governance plan –Agriculture cell (NeGP-A), Central computer lab and maintenance and management of University website. The website has dynamic features & support for online services like E-tenders, online admission, online filling results, recruitment services, inventory portal, Alumni portal etc.

Recently, *Kisan Hetashi* web portal: <http://skuast.org/farmer/farmer-corner.php>; androidpp:<https://play.google.com/store/apps/details?id=www.quicknhost.kisanhetashi> and Farmer corner have been developed specifically for the benefit of the farmer community preferably in local languages. The unit also provides support to live streaming and virtual activities for the university such as convocation, Kisan Mela etc.

6.6.1.8. Interdepartmental Linkages

SKUAST-Jammu is currently following decentralized research, extension and academics approach at various levels of hierarchy with respect to administrative and financial powers devolution. The following points vividly contemplate the decentralized participatory approach adopted by the University.

- Heads of Divisions (HODs), Principal Investigators (PIs) of research projects and have been given due administrative and financial powers to carry out day to day functions most efficiently.
- The extension activities of the University are executed with the full participation of farmers, line departments (Agriculture, Animal Husbandry, Sheep Husbandry, Horticulture, Floriculture, Sericulture, Forestry, Fisheries), NGOs and corporate/business concerns.
- MOUs have been signed by SKUAST-Jammu with IMD, Kissan Gurukul, ICAR-DMR, Solan, Himachal Pradesh, NCDC, New Delhi, ICAR-VPKAS, Almora and ICAR-IISR, Indore.
- SKUAST-Jammu is having close inter-institutional linkage with Indian Institute of Integrated Medicines (IIIM) Jammu; SKUAST-Kashmir, CSK HPKV, Palampur; Punjab Agricultural University, Ludhiana; ICAR-Directorate of Onion and Garlic Research, Pune; ICAR-Indian Institute of Vegetable Research, Varanasi; ICAR-Indian Agricultural Research Institute, New Delhi; ICAR-Indian Institute of Wheat & Barley, Karnal; ICAR-National Research Centre on Plant Biotechnology, New Delhi; Central Research Institute

of Dryland Agriculture, Hyderabad, Indian Institute of Rice Research, Hyderabad; Central Rice Research Institute, Cuttack and National Horticulture Board, Gurgaon,

- At the Faculty level and at the level of various Divisions, the faculty members are collaborating with each other on various teaching, research and extension activities. The teachers are coordinating to teach courses across faculties and disciplines at UG, PG and Ph.D. levels. Laboratory facilities are shared across faculties and Divisions to facilitate postgraduate research. UG courses in B.Tech. Biotechnology particularly involve courses spread over all the three faculties of the University.
- The University has established strong rapport with civil society through NGOs, SHGs, progressive farmers etc.
- Krishi Vigyan Kendras under the administrative control of SKUAST-Jammu prepare annual action plans based on location specific district level problems in consultation with respective district agriculture and line departments. The research system of the University provides valuable feedback for extension interventions based on latest technologies and recommendations. Specific meetings have been organised for exchange of ideas and information between research and extension system of the University to follow participatory, adaptive and multifarious demand-supply side extension-research-academics approach.
- University has implemented various programmes with the involvement of public, private and civil society in extension programmes and strengthening capacity of farmers. The Directorate of Extension alongwith Krishi Vigyan Kendras have developed strong interdepartmental linkages with state and national level organizations for achieving greater impact and positive results on farmers' fields. Besides, pre-seasonal Kharif and Rabi ZREAC meetings, University organizes collaborative programmes with all the line departments to provide single window service to the farmers. Some of these inter-departmental linkages are presented below:

S. No	Name of organization	Type of linkage
1	ICAR - Indian Agricultural Research Institute, New Delhi	Demonstration of varieties under National extension Programme
2	ICAR - Indian Institute of Wheat and Barley Research, Karnal	Demonstration of new wheat varieties
3	Punjab Agri. University, Ludhiana	Procurement of the seed of new varieties of various crops along with package of practices
4	Division of Plant Breeding & Genetics, SKUAST-Jammu	Procurement of seed of Paddy & Wheat
5	Faculty of Veterinary Sciences & Animal Husbandry, SKUAST-Jammu	Technical guidance & organization of veterinary clinical camps
6	Integrated Watershed Management Project	Skill Development of farmers/youth

7	CSIR- Central Institute of Medicinal and Aromatic Plants, Lucknow for	Popularisation of medicinal and aromatic plants
8	Basmati Export Development Foundation – APEDA	Organisation of Training cum Awareness Programmes
9	Department of Agriculture, Jammu	Identifying needs and field problems, diagnostic visits, training of AEO's, JAEOS, VAEAs and SMS. Monthly Workshops
10	Department of Horticulture, Jammu	Diagnostic visits and demonstrations programmes on pruning & training of fruit plants
11	Department of Animal Husbandry, Jammu	Participation in various programmes of livestock improvement and organization of clinical camps
12	Department of Sheep Husbandry, Jammu	Participation in various programmes of livestock improvement and organization of clinical camps
13	Department of Floriculture, Jammu	Seminars, package of practices
14	NABARD, Jammu	Collaboration on formation of Farmers Club, for formulation of action plan and conducting of training programme
15	Rural Self Employment Training Institutes	Collaborating on skill development programmes for rural youth
16	District Rural Development Agency (DRDA)	Formulation of training programmes for rural youths
17	Nehru Yuva Kendras, J&K	Collaboration in various capacity building training programmes for rural youths s
18	Indian Meteorological Department (IMD), Ministry of Earth Science	District Agro Met Units Automatic Weather Stations, Data sharing & Promoting Agro Advisories

Besides this, University is also testing products and varieties of different pvt companies of national repute. SYNGENTA India Ltd, ADAMA India Pvt. Ltd , Savannah Seeds Pvt. Ltd., Dir. of Plant Protection, UPL-Advanta India Ltd, DMR, New Delhi, Indofil etc. List of Chemicals/varieties tested at SKUAST Jammu is as under.

Product and variety testing by SKUAST-Jammu

Year	No. of Companies	No of Products	Amount in lakh
2015-16	15	21	31.50
2016-17	12	15	34.00
2017-18	8	15	28.90
2018-19	10	13	34.40
2019-20	11	23	44.50
2020-21	11	25	62.50

6.6.1.9. Monitoring Mechanism

The University has an independent well equipped Examination Cell which conducts all the semester examinations centrally for various degree programmes offered by the university besides, the University Common Entrance Examinations for UG, PG and Ph.D. and recruitment tests. Examination Halls are spacious, equipped with CCTV cameras, mobile jammers and other amenities.



- SKUAST-Jammu has centralized examination system and all the examinations are conducted by the University Examination Cell as per academic calendar.

- For undergraduate degree programmes in Agriculture and Biotechnology, evaluation system is external to the extent of 50 per cent for which the paper setting and evaluation is done by external subject experts, whereas for undergraduate degree programme in Veterinary Sciences evaluation is done on annual basis as per the VCI-2016 regulations.



- For end semester examination in undergraduate degree programmes, an exhaustive panel of subject experts is received from the concerned divisions/departments for setting up of question papers and evaluation.

- The distribution of marks and the examination schedule is followed as prescribed in the Vth Deans Committee Recommendations.

- The practical examinations for different courses are conducted by the course instructors and evaluated internally.

- Pattern of paper setting for end term examinations comprises of objective questions (True False/Fill ups/MCQ) to maximum to the extent of 25%, and 75% short and long answer questions.



- For PG and Ph.D degree programmes in Agriculture and allied disciplines, Veterinary Sciences, Basic Sciences and Biotechnology, internal system of evaluation is being followed.
- The students of Masters and Doctoral degree programmes in Agriculture and allied disciplines, Veterinary Sciences, Basic Sciences and Biotechnology have to appear in written comprehensive examination, the paper setting and evaluation of which is done by external subject experts. The minimum pass marks required to qualify the written comprehensive examination is 60 %. This is followed by oral comprehensive examination by outside subject expert in case of Doctoral degree programmes for all the disciplines.
- After thesis evaluation and obtaining satisfactory report by one expert in Master's and two experts in Doctoral programmes, open house viva-voce examination is conducted for all the students for the award of degree to PG and Ph D students.



Entrance Examination being conducted by SKUAST-J in October, 2020

Despite COVID-19 pandemic, the examination cell has successfully conducted all the entrance examinations as well as the end semester and annual board examinations for B.V Sc & AH.

6.6.1.10. Institute Quality Assurance Cell/PME Cell

Project Monitoring and Evaluation Cell was created on 05.02.2016 under the ambit of Directorate of Research. It comprises as One Nodal Officer, One Jr. Scientist, one ACT, One Accountants Assistant. The mandate of PME cell is as under:

- The Cell will be monitoring the physical and financial progress of various on-going research projects in the University.
- PME cell will coordinate the correspondence between funding agencies and Principal Investigators.
- Maintenance of data base of all publications, technologies developed, IPRs, Consultancies, Projects undertaken in the past 10 years and on-going projects. It also compiles the status report of the research projects.
- Outcome: PME Cell coordinates between funding agency and Scientists. It published annual report every year. It has also published an Inventory of Adhoc Research Projects 2016-17 to 2019-20 (On-going and Concluded). It has also coordinated and compiled final audit reply of all research projects of the University.

6.6.1.11. Collaboration with Academic Institutions and Industry

The University has made collaboration with various other Universities such SKUAST-Kashmir, SMVDU, Katra, University of Jammu, IIIM Jammu for inter-institutional project, seminars, conferences and workshop. Besides this, collaboration is also made with Agricultural Input industries viz SYNGENTA India Ltd, ADAMA India Pvt. Ltd, Savannah Seeds Pvt. Ltd., Dir. of Plant Protection, UPL-Advanta India Ltd, DMR, New Delhi , Indofil. In order to entrepreneurial skill among rural youth, farmers and farm women the university signed MoU with ASIC for imparting training.

The University is in close collaboration with various industries by outreach programme of Agr-Business Management where a number of MBA students work for their Projects, Incubations and startups. Most of these industries are related to Farm Sector based products that are subject to value addition and processing of food based entities. The university also has a number of new proposals for future collaborations with various industries in and outside the Union Territory.

6.6.2. Academic Support

6.6.2.1. Academic Council

The composition of Academic Council is given below:

1.	The Vice-Chancellor	Chairman
2.	Director Education	Member
3.	Director Research	Member
4.	Director Extension Education	Member
5.	Deans of faculties	Members
6.	Heads of the Divisions/Regional Research Stations/colleges/ Institutes	Members
7.	One teacher from each faculty to be nominated by the Vice- Chancellor	Members
8.	One Professor having special knowledge or practical experience in respect of the subjects basic to Agriculture, Veterinary Science and other allied Sciences from each of the Universities of the State.	Member
9.	University Librarian	Member
10	Registrar	Ex-officio Member Secretary
11.	Director Planning & Monitoring	Member
12.	One post-graduate student (Ph.D) on the basis of academic merit to be nominated by the Vice-Chancellor on rotation	Member

- In accordance with the section 14(3) of the Act, the members of the Academic Council other than the ex-officio members and the members referred in section 14(2) of the Act, shall hold office for a period of one year.
- The Registrar shall be ex-officio Secretary of the Academic Council.
- The Secretary shall ordinarily give 10 days' notice along with agenda before each meeting.
- The agenda of the Academic Council shall be prepared by the Secretary in consultation with the Director Education and placed before the Academic Council with the approval of the Vice-Chancellor.

In case of emergency or special circumstances, the Vice-Chancellor may call a meeting of the Academic Council suspending the notice period to the extent he deems fit. Quorum for such emergency meetings shall be 1/3 of the total strength of members of Academic Council. In case such emergency meeting is adjourned for want of quorum, no quorum shall be essential for next meeting, for transaction of the same business.

Date of Academic Council Meetings held in last five years

S. No.	Academic Council Meeting	Date of meeting
1	16 th Academic Council	28-03-2016
2	17 th Academic Council	23-08-2016
3	18 th Academic Council	28-12-2017
4	19 th Academic Council	22-01-2019
5	20 th Academic Council	27-05-2020
6	21 st Academic Council	25-11-2020

Action Taken Report of Academic Council Meeting held in last five years

16th Academic

Item No.	Items	Action Taken
AC (16) 1	Confirmation of minutes of 15 th Meeting of Academic Council	<i>Resolved that the minutes of 15th meeting of Academic Council circulated vide No.AUJ/DE/14-15/F-59/3991-4030 dated 30.03.15 are confirmed</i>
AC (16) 2	Holding of 5 th Convocation of SKUAST-Jammu and award of Degrees therein.	<i>Resolved that the award of degrees in the ensuing 5th Convocation of the University, to the pass outs in various programmes of the University is recommended. It was further resolved that the matter be presented to Board of Management for further approval</i>
AC (16) 3	Award of Certificates of Merit & Gold medals during the 5 th Convocation.	<p><i>Resolved that:</i></p> <ul style="list-style-type: none"> <i>i. Award the certificates of merit to the pass outs in PG programme M.Sc.(Ag.) & Allied Sciences, M.V.Sc. & Ph.D (Agri.)/(Vety.) who have obtained an OGPA of 8.00 and above on 10.00 point scale in the 5th Convocation of the University.</i> <i>ii. Award the Gold medals to the pass outs who have obtained highest merit and fulfilled all the eligible requirements as per Chapter VI, Clause 2.0 of RRI, 2009 of SKUAST-Jammu in, B.Sc.(Agri), B.Sc. (Hons.) (Ag), B.V.Sc. & A.H. and B.Sc. (Hons.) Biotechnology programmes in the 5th Convocation of the University.</i> <i>iii. As per the decision taken in the 15th academic council, Gold Medals awarded to the pass out students fulfilling the eligibility of Gold Medals will be made of yellow metal (other than Gold) with Gold Polish. ”</i> <p><i>It was further resolved that matter be presented to Board of Management for further approval</i></p>

AC (16) 4	Increasing the intake capacity for B.Sc. (Hons.) Agriculture programme from 70 to 120 seats.	<p><i>Resolved to enhance of intake for B.Sc.(Hons.)Agriculture from 70 to 120 seats from academic session 2016-17 subject to the following conditions:</i></p> <p><i>i) Upgradation of laboratory facilities to accommodate 120 student, and Engagement of contractual teaching assistants as per the need shall be allowed</i></p>
AC (16) 5	Provision of supplementary examination for undergraduate programme in B.Sc. (Hons.) Agriculture and B.Sc. (Hons.) Biotechnology	<p><i>Resolved that:</i></p> <p><i>i. The provision for supplementary examination will be introduced w.e.f. the academic session 2016-17.</i></p> <p><i>ii. Following Committee will be constituted to work out the details with respect to rules and regulations for supplementary examination for B.Sc.(Hons.) Agriculture and B.Sc.(Hons.)Biotechnology to be made operational with the academic session 2016-17 onwards. The committee will submit its report up to 10th April 2016.</i></p> <ul style="list-style-type: none"> • <i>Dr.V.K.Razdhan, Chairman (Prof. & Univ. Librarian)</i> • <i>Dr. M.S. Badwal (Member), Associate Dean, FVSc</i> • <i>Dr.V.K. Koul, Member, Head, Div of Entomology</i> • <i>Er. Susheel Sharma, Member, Head, Div. of Agril Eng.</i> • <i>Dr. Sanjay Gularia, Associate Professor, Div. of Biochemistry</i> <p><i>The fee for supplementary examination is proposed to be Rs. 1000/ per course</i></p>
AC (16) 6	Readjustment of Credit hrs of RAWE programme by increasing the credit hours to attachment to agro based industries from 0+3 to 0+4	<p><i>Resolved that credit hrs of RAWE Programme is readjusted by reallocating 04 Credit hours to attachment of agro-based industries activity, whereas 01 credit hours to Project report and examination activity</i></p>
AC (16) 7	Registration of UG students for 2 working days instead of existing one day	<p><i>Resolved that the agenda proposed has not been agreed</i></p>

AC(16) 8	Ratification of Admission to UG/PG programmes during the Academic Session 2015-16	<p><i>Resolved that provisional admissions granted during the Academic session 2015-16 for:</i></p> <ol style="list-style-type: none"> 1. B.Sc.(Hons.) Agriculture/B.Sc.(Hons) Biotechnology /B.V.Sc.&A.H./M.Sc.(Ag) & allied Sciences/M.Sc. BasicSciences/M.Sc.Biotechnology/M.V.Sc./Ph.D. (Ag)/Vety./Basic Sciences/Biotechnology through SKUAST-J CET-2015 is ratified 2. B.Sc.(Hons.)Agriculture/B.V.Sc. & A.H. against Self Financing Seats under NRI/NRIs sponsored category is ratified. 3. B.Sc.(Hons.) agriculture/ B.Sc.(Hons.)Biotechnology/ M.Sc.(Ag.) & Allied Sciences / M.Sc.Basic Sciences /M.V.Sc./ Ph.D(Ag.)/ Vety. through ICAR, New Delhi is ratified. 4. M.Sc.(Ag.) & Allied Sciences/M.V.Sc.in-service govt. nominees is ratified
AC (16) 9	Centralization of All Examination including Mid Term (except quiz) and evaluation of thesis	<ol style="list-style-type: none"> i. <i>“Resolved that the same committee as constituted for Agenda item no. AC (16) 5 will submit a detailed report with respect to this agenda besides will set the procedure for proposing the panel of experts for thesis evaluation / comprehensive examination and role of office of the Registrar, Dean Faculties and Director Education. They will also work out the modus oprandi of examination system in all the faculties and will submit a full fledged report concerning timely payment to examiners. The committee will also take help from Director Education in this regard.</i> ii. <i>The introduction of table marking of end-term (external) exam answer sheets by external examiner/internal teachers other than the course instructor(s) with effect from academic session 2016-17 was approved.</i>
AC (16) 10	Ratification of Admission of two in-service government nominees in the discipline of Vety. Surgery and Radiology during the Academic Session 2015-16	<p><i>Resolved that admission granted to Dr. Gourav Chowdhary in-service Government nominee to M.V.Sc. programme in the discipline of Vety. Surgery and Radiology in the academic session 2015-16 is ratified</i></p>

AC (16) 11	Restructuring of BAT/BHT programme	<p><i>Resolved that:</i></p> <p>i. <i>The revised guidelines for BAT and BHT programme except the change in nomenclature of courses be adopted from the academic session 2016-17. However, with regard to relaxation of educational qualification to OCC/ Mali's of SKUAST-Jammu in-service candidates, it was decided that the following committee will be constituted, who in turn will submit the detailed report with respect to modalities for relaxation of educational qualification/relevance of training to OCC/Mali's appointed in SKUAST-J on matriculation qualification.</i></p> <ul style="list-style-type: none"> • <i>Dean, FOA Chairman</i> • <i>Dr. M.S. Badwal Member Associate Dean FVSc</i> • <i>Dr. R.K.Samnotra Member Head, Div. of Oleri&Flori</i> • <i>Dr. B. C. Sharma Member Head, Agronomy</i> • <i>Sh. Jatinder Raina Member Deputy Registrar (Secy)</i> <p>ii) <i>The course No. CBC-05 entitled "Introductory Botany is added, while 02 courses BHT-06 and BHT-07 in horticulture and BAT-02 and BAT-03 in agriculture be adopted.</i></p> <p>iii) <i>BAT and BHT programme should be centralized at the level of agriculture faculty as teaching is the mandate of faculty.</i></p> <p><i>Ratified the total intake for BAT and BHT programme of 40 seats, out of which 30 seats are to be reserved for fresh candidates, having maximum of 03 seats reserved for each district of Jammu division and 10 seats for in-service Government/SKUAST-J nominees from the academic session 2015-16 and onwards</i></p>
AC (16) 12	Withdrawal of compulsory tours from the course curriculum of the UG students	<p><i>Resolved that the educational tour will continue to remain compulsory for UG students. However, the Dean of the Faculty is at liberty to reschedule the timing of the tour programme so that the students get ample time to undertake educational tour</i></p>
AC (16) 13	Sanction of fixed share in the revenue generated from the fee of Payment students for Faculty development	<p><i>Resolved that due to the constraint of revenue realisation, such proposal cannot be accepted at this stage</i></p>

AC (16) 14	Remuneration to the invigilators of Annual Board Examinations of Faculty	<i>Resolved that the proposal of remuneration to the internal invigilators of the Annual Board Examinations of Faculty has not been accepted</i>
AC (16) 15	Enhancement of internship allowance for B.V.Sc. & A.H. students	<i>Resolved that the committee of Dean (F.V.Sc. & A.H.), Comptroller and Professor & Head, Division of Agril. Engineering will identify the source of funding for meeting the expenses on account of increase in internship allowance of B.V.Sc. & A.H. students from Rs. 1800/- month to Rs 6000/- month and incentive for RAWE programmes before the matter is considered for deliberation.</i>
AC (16) 16	Enhancement of Study Tour fee	<i>Resolved that</i> <i>i. The fee charged on account of study tour will be uniformly raised from Rs. 2000/- to Rs. 3000/ in all three faculties at SKUAST-J from academic session 2016-17 and onwards</i> <i>ii. The educational programme be so adjusted to meet all expenses out of the stipulated funds for the purpose; or else the extra expenses will be met out of contributions made by the students undertake education tour</i>
AC (16) 17	Ratification of Intake capacity for admission to Ph.D programme through ICAR	<i>Resolved that intake capacity conveyed to ICAR for admission to Ph.D. programmes through ICAR (25%) reserved seats for the academic year 2015-16 and onwards is ratified and the university will ensure the admission to ICAR Ph.D. nominees to be enrolled for the second semester of the academic session(practice already in vogue for the candidates other than ICAR nominee</i>
AC (16) 18	Guidelines/rules for engagement of teachers/faculty on academic arrangement basis	<i>Resolved that the guidelines/rules for engagement of teachers/faculty/ guest lectures on academic arrangement has been adopted after some modifications.</i>
SAC (16) 19	Ratification of the Deficiency courses (NC) and other related issued concerning to MBA(ABM) degree Programmes	<i>Ratified that the recommendations of the committee for Academic regulation/ deficiency courses/ course outline/ other related issues for MBA (ABM) be adopted</i>

17th Academic Council

Item No.	Items	Action Taken
AC (17) 1	Confirmation of minutes of 16 th Meeting of Academic Council	<i>Resolved that the minutes of 16th meeting of Academic Council circulated vide No. AUJ/Acad/16-17/299-358 dated 22.04.16 were confirmed</i>
AC (17) 3	Centralization of All Examinations including Mid-term and evaluation of thesis etc.	<p><i>The following resolution was adopted for examination system in SKUAST-J:</i></p> <p><i>“Resolved that</i></p> <p><i>“The Director Education shall be the Head of the Examination system for all the Faculties. The Mid Term and Final examinations shall be conducted at a centralized place during a specified period by the Examination Cell as per the Academic Calendar and the brief details of the examination system is of various UG/PG programmes of the university is as follows.</i></p> <p><i>1. Undergraduate</i></p> <p><i>1.1 Mid Term Examination</i></p> <p><i>The paper setting and evaluation of answer sheet(s) shall be done by the concerned Course Instructor.</i></p> <p><i>The Course Instructor will set two papers for each course and forward them in separate envelopes, under seal, to the Director Education, at least one week before the examination.</i></p> <p><i>Director Education will select one paper out of the two and get the required photocopies of the question paper prepared from the Examination Cell. The same shall be put in an envelope under seal bearing the signatures of the concerned Course Instructor and the I/C Examination Cell, The sealed envelope of the question paper will be opened at the time of the examination in presence of the Course Instructor or any other teacher nominated by the concerned Head of the Division.</i></p> <p><i>The answer sheet(s), as per the requirement, shall be provided by the Examination Cell.</i></p> <p><i>After the examination, the Examination Cell will hand over the answer sheet(s) to the concerned teacher for evaluation. The teacher shall submit the results of Mid Term along with the 1st Quiz to the I/C Examination Cell through the concerned Head of the Division and Dean.</i></p> <p><i>The classes will remain suspended during the Mid Term examinations and to compensate the loss in total instruction days, the required adjustments in the Academic Calendar shall be made accordingly by the Directorate of Education.</i></p>

		<p><u>1.2 Final Examination</u></p> <p><i>The paper setting and evaluation of answer sheet(s) shall be done by the External Examiner, as is already in vogue in the University. However, centralized table evaluation system shall be adopted.</i></p> <p><i>In case the External Examiner is not available for evaluation, the answer sheets will be evaluated by a teacher of the concerned discipline, but other than the Course Instructor, that shall be nominated by the Director Education.</i></p> <p><i>The examination system in the Faculty of Veterinary Sciences shall be followed as per the regulations issued from time to time by the Veterinary Council of India (VCI).</i></p> <p><u>2. Postgraduate</u></p> <p><u>2.1 Mid Term Examination & Final Examination</u></p> <p><i>The paper setting and evaluation of the answer sheet(s) shall be done by the concerned Course Instructor.</i></p> <p><i>The Course Instructor will set two papers and shall hand over the same under seal to the I/C Examination Cell, least one week before the examination. Director Education will select one of the two papers, and the I/C Examination Cell will get the required photocopies of the question paper prepared and the same will be put in an envelope under seal bearing the signatures of the concerned course teacher and the I/C Examination Cell.</i></p> <p><i>The sealed envelope of the question paper will be opened at the time of the examination in presence of the course instructor or any other teacher nominated by the concerned Head of the Division.</i></p> <p><i>The answer sheet(s), as per the requirement, shall be provided by the Examination Cell.</i></p> <p><i>The concerned Course Instructor will remain associated with the conductance of the examination and will collect the answer sheet(s) for evaluation, after the examination.</i></p> <p><i>The classes will remain suspended during the Mid Term and the Final examinations and to compensate the loss in total instruction days, the required adjustments in the Academic Calendar shall be made accordingly by the Directorate of Education.</i></p>
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The student interested in appearing in the Supplementary examination shall apply to Director Education through Advisor, Head of the Division and the concerned Dean, by paying the examination fees of ₹1000/- per course, deposited in the account of Examination Cell, within 3 working days of the declaration of result.

Supplementary examination shall be held within 15 days of the notification of the result from the Examination Cell.

Supplementary examination shall be totally external and the distribution of marks shall be as follows:

<i>Type of Course</i>	<i>External (%)</i>	<i>Internal (%)</i>
<i>Course with practicals</i>	<i>75</i>	<i>25</i>
<i>Course without practicals</i>	<i>100</i>	<i>Nil</i>
<i>Course only with practicals</i>	<i>Nil</i>	<i>100</i>

The student, who fails to obtain prescribed grade/credit points in the supplementary examination, shall have to register for the same course(s) on regular basis as and when the course is offered.

All the formalities regarding conducting the Supplementary examination shall be observed by the Examination Cell, on the pattern of the End Term Final Examination.

6. Attendance

As per Chapter IV (3.2.2a) of Regulations of Resident Instructions, a student has to maintain a minimum of 75 per cent of attendance in each theory and practical classes, in each course. If a student fails to maintain the required attendance, the Course Instructor will inform the concerned Dean through Head of the Division and the Dean will issue the required instructions barring the student from appearing in the final practical/theory examination(s).

AC (17) 4	Ratification of relaxation of Eligibility qualification for the in service OCC's / Mali's of SKUAST-Jammu to pursue BAT/BHT programme	<i>Ratify the memorandum no. AUJ/Acad./F-BAT/16-17/F-03/1698-1758 dated 07-07-2016 regarding the relaxation of the minimum eligibility qualification for the in service OCC's/Mali's and their intake capacity for pursuing Diploma in Agriculture and Diploma in Horticulture</i>
AC (17) 5	Implementation of Veterinary Council of India (VCI) "Minimum Standards of Veterinary Education-Degree Course (B.V.Sc. & A.H) Regulations 2016	<i>Resolved that the notification issued vide No. notification no. 30 (Acad.) of 2016 dated 02-08-2016 for adoption of minimum standards of Veterinary Education-Degree Course (B.V.Sc. & A.H) of VCI Regulations 2016 as applicable under Jammu & Kashmir Veterinary Council Act 2001 & Rules and Regulations except Chapter VI of VCI Regulation 2016 for the academic session 2016-17 and onwards" is ratified</i>
AC (17) 6	Dress code for the students of Practical Crop Production courses in B.Sc (Hons) Agriculture	<i>Resolved that the agenda should be dropped. However, the decision in the dress code, if any, shall be taken at the concerned HoD/ Dean level</i>
AC (17) 7	Adoption of ICAR 5 th Dean's Committee recommendation	<i>Resolved that the recommendations of 5th Dean's Committee which ever applicable from the academic session 2016-17 concerning to the course curricula of Agriculture UG programmes to the students admitted with effect from the batch 2016-17 and nomenclature of PG programme in Agriculture stream to all batches pursuing their PG degree programme is adopted</i>
AC (17) 8	Redefining M. Tech. in Agricultural Engineering	<i>Resolved that The M Tech. Agricultural Engineering degree be awarded in two specializations from the academic session 2016-17 onwards. i. M. Tech. (Agricultural Engineering) Farm Machinery and Power Engineering ii. M. Tech. (Agricultural Engineering) Soil and Water Engineering</i>
AC (17) 9	Printing of thesis on both sides of the paper	<i>Resolved that thesis be printed on both sides of the paper and the number of final thesis to be submitted be retained as five</i>

AC (17) 10	Creation of Photographic and Media Cell	<i>Resolved that the action taken by the University vide Order No 35 (Est.) of 2016 dated 25-05-2016 for creation of the Photographic and Media cell is recommended and the matter in this regard may be placed before the Board of Management for ratification</i>
AC (17) 11	Refund of fee before the start of course as per UGC norms	<i>Resolved that the university shall maintain a waiting list of students/candidates. In the event of a student/ candidate withdrawing before the start of the course, the waitlisted candidates should be given admission against the vacant seat. The entire fee collected from the student, after a deduction of the processing fee of not more than Rs 1000/-(One thousand only) shall be refunded and returned by the University to the student/ candidate withdrawing from the programme. In case a student leaves after joining the course and if the seat consequently falling vacant has been filled by another candidate by the last date of admission, the University is liable to return the fee collected with proportionate deductions of monthly fee and proportionate hostel rent, where applicable</i>
AC (17) 12	Printing of Degree certificates, PDC and Transcripts on handmade paper with hollow gram embossed	<i>Resolved that printing of Degree certificates, PDC and Transcripts on handmade paper with embossed hollow gram having laser printed serial number</i>
AC (17) 13	Regulation of pursuing Post-doctoral Fellowship Programme in SKUAST-Jammu	<i>Resolved that the notification issued vide no 38 (Acad.) of 2016 dated: 19-08-2016 regarding the regulations for pursuing Post-doctoral Fellowship programme in SKUAST-Jammu is ratified. Further the after Registrar and Director Education shall revisit some of the provisions contained in the said notification</i>
AC (17) 14	Creation of Security Cell	<i>Resolved that the agenda be dropped</i>
AC (17) 15	SKUAST, Jammu Regulations on Curbing the Menace of Ragging, 2016 (3 rd amendment)	<i>Resolved that:</i> i) <i>The Addendum of “Any act of physical or mental abuse (including bullying and exclusion) targeted at another student (fresher or otherwise) on grounds of colour, race, religion, caste, ethnicity, gender (including transgender), sexual orientation, appearance, nationality, regional origin, linguistic identity, place of birth, place of residence or economical back ground” in Chapter VIII clause 3 sub clause as 3 (j) after 3 (i) of RRI (2009) of SKUAST Jammu.</i> ii) <i>Calling these regulations as “SKUAST, Jammu, Regulations on Curbing the Menace of Ragging, 2016” after addendum.</i> iii) <i>They shall come into force immediately after their promulgation.</i> iv) <i>The remaining contents of the “SKUAST, Jammu Regulations on Curbing the Menace of Ragging, 2009” shall be same as that of the “SKUAST, Jammu, Regulations on Curbing the Menace of Ragging, 2009</i>

AC (17) 16	Transfer of University land for establishment of KVK at Samba-ratification thereof	<i>Resolved that the action taken vide University Order no. 36 (Est.) of 2016 dated 26-05-2016 together read with 44 (Secy.) of 2016 dated 30-06-2016 is recommended for placement in the Board of Management, SKUAST-J for ratification</i>
AC (17) 17	Increasing the limit of major advisor to guide M.Sc./Ph.D. students	<i>Resolved that a committee of following members should be constituted who will recommend the introduction of accreditation system of Faculty, beside will reset the norms for their allotment :- Committee: i) Dr.T.A.S.Ganai Chairman, Director Education ii) Dr. M.M.S. Zama, Member, Dean, FVSc. & A.H. iii) Dr. D.P. Abrol, Member, Dean, FOA iv) Dr. S.A. Mallick, Member, Dean, Basic Sciences v) One Prof. from each faculty / School vi) One Assoc. Prof. to be nominated by the chairman</i>
AC (17) 18	Modification in credit hours of course: Advances in Techniques in Biochemistry (VBC-712)	<i>Resolved that the credit hours for the course VBC-712 be read as 0+2 in place of 1+1 where ever it appear</i>
AC (17) 19	Faculty positions for PG and Research	<i>Resolved that the Directors/ University Officer's/Deans of the various faculties will submit the holistic proposal of staff requirement In the meanwhile the university will make all efforts to fill up the vacant positions of the University</i>
AC (17) 20	Accidental / Group insurance cover of students of SKUAST-J	<i>Resolved that: i. All the enrolled and newly admitted students of the university from ensuing academic year (2016-17) must be covered with the accidental group insurance of Rs. 150000/ per student. ii. Accidental/ Health & Medical Insurance for all the foreign nationals studying in the university should be compulsory. Health insurance should be compulsory for domestic students also but if a student is already having health insurance he/she should submit the proof of the same otherwise he/she needs to get insured for medical exigencies under group scheme through university identified agency</i>

SAC (17) 21	Ratification of Memorandum no.AUJ/Acad/PF/16-17/1684-86 dated 04-07-2016 for extension of duration of semester for B.V.Sc. & A.H. student falling short of attendance & other related issues.	<i>Resolved that the extension of semester for B.V.Sc. & A.H. students falling short of attendance up to 31st Aug., 2016, as one time exemption issued vide Memorandum AUJ/Acad/PF/16-17/1684-86 dated 04-07-2016 is ratified by the Academic Council. It was further resolved that it shall not be treated as precedence.</i>
SAC (17) 22	Certificate course in Fish production	<i>Resolved that Certification course in fish production has been already approved and the agenda item is therefore dropped</i>

18th Academic Council

Item No.	Items	Action Taken
AC (18) 1	Confirmation of minutes of 17 th Meeting of the Academic Council	<i>Resolved that the minutes of the 17th meeting of Academic Council circulated vide no. AUJ/Acad/16-17/F-08/7921-71 dated 21-10-2016 is confirmed</i>
AC (18) 3	Admission to UG, PG and Ph.D. programmes for academic session 2016-17	<i>Resolved that the provisional admissions granted during the Academic session 2016-17 for:</i> <i>i) B.Sc. (Hons.) Agriculture, B.Sc. (Hons.) Biotechnology, B.V.Sc. & A.H., M.Sc.(Ag.) & Allied Sciences, M.Sc. Basic Sciences, M.Sc. Biotechnology, M.V.Sc., Ph.D.(Ag.), Ph.D. (Vety), Ph.D. Basic Sciences and Ph.D. Biotechnology through SKUAST-J CET-2016 are ratified.</i> <i>ii) B.Sc. (Hons.) Agriculture and B.V.Sc. & A.H. against Self Financing Seats under NRI/NRIs sponsored category on the basis of SKUAST-J CET are ratified,</i> <i>iii) B.Sc. (Hons.) Agriculture, B.Sc. (Hons.) Biotechnology, M.Sc.(Ag.) & Allied Sciences, M.Sc. Basic Sciences, M.V.Sc., Ph.D.(Ag.) and Ph.D.(Vety) through ICAR, New Delhi are ratified,</i> <i>iv) M.Sc. (Ag.) & Allied Sciences and M.V.Sc. in-service Govt. nominees are ratified and</i> <i>v) MBA (Agri-Business Management) for the academic session 2016-17 are ratified.”</i> <i>vi)</i>

AC (18) 4	Admission to UG/PG programme for academic session 2017-18	<p><i>“Resolved that the provisional admissions granted during the Academic session 2017-18 for:</i></p> <p><i>i) B.Sc. (Hons.) Agriculture, B.Sc. (Hons.) Biotechnology, B.V.Sc. & A.H., M.Sc.(Ag.) & Allied Sciences, M.Sc. Basic Sciences, M.Sc. Biotechnology, M.V.Sc., Ph.D.(Ag.) Ph.D. (Vety.), Ph.D., Basic Sciences and Ph.D. Biotechnology through SKUAST-J CET-2017 are ratified,</i></p> <p><i>ii) B.Sc. (Hons.) Agriculture and B.V.Sc. & A.H. against Self Financing Seats under NRI/NRIs sponsored category on the basis of SKUAST-J CET are ratified,</i></p> <p><i>iii) B.Sc. (Hons.) Agriculture, B.Sc. (Hons.) Biotechnology, M.Sc.(Ag.) & Allied Sciences, M.Sc. Basic Sciences, M.V.Sc., Ph.D. (Ag.), Ph.D (Vety.) through ICAR, New Delhi are ratified,</i></p> <p><i>iv) M.Sc.(Ag.) & Allied Sciences and M.V.Sc. in-service Govt. nominees are ratified,</i></p> <p><i>v) MBA (Agri-Business Management) for the academic session 2017-18 are ratified and</i></p> <p><i>vi) Three supernumerary seats in B.V.Sc. & A.H. programme on the direction Hon’ble High Court, Jammu are ratified.”</i></p>
AC (18) 5	Refund of fee before the start of course as per UGC norms	<p><i>Resolved that if a student withdraws from a course after admission, the fee deposited by the student shall be refunded after deduction of Rs 1000/- (Rupees one thousand) as processing fee in case the candidate withdraws from the programme before the date of next counseling but not later than the start of the course (i.e. registration date), whichever is earlier.</i></p>
AC (18) 6	Modification in regulation in Award of University Merit Scholarship	<p><i>Resolved that action taken vide memorandum no. AUJ/Acad/16-17/F-22/10229-269 dated 28-02-2017 is ratified and the necessary amendments in the RRI-2009 shall be carried out after the matter is placed before the Hon’ble Chancellor as per Sub- clause 2 of Clause 15 (power and functions of Academic Council) of Chapter-III (Authorities of the University) of the SKUAST ACT</i></p>
AC (18) 7	Change in Nomenclature of BAT/BHT Diploma in Agriculture/Diploma in Horticulture	<p><i>Resolved that Basic Agriculture Training and Basic Horticulture Training is nomenclatured as Diploma in Agriculture and Diploma in Horticulture, respectively and the action taken vide notification No 52 (Acad) of 2016 dated 12/09/2016 is also ratified</i></p>

AC (18) 8	Extension of semester for B.V.Sc. & A.H. programme for academic session 2015-16.	<i>Resolved that the permission granted Vide no. AUJ/Acad/PF/16-17/1684-86 dated: 04-07-2017 in favour of students of B.V.Sc. & A.H is ratified</i>
AC (18) 9	Guidelines / Norms for Institutionalization of short term certificate course	<i>Resolved that the guidelines/ norms for institutionalization of Short Term Skill Development Certificate Courses be adopted from academic session 2017-18 and onwards with its consequential incorporation in the RRI –2009 in terms of Sub-clause 2 of clause 15 (power and functions of Academic Council) of Chapter-III (Authorities of the University) of the SKUAST ACT</i>
AC (18) 10	Holding of 6th Convocation of SKUAST-Jammu and award of Degrees therein	<i>Resolved that the degrees leading to various academic programmes of the University shall be awarded to the pass outs, in the 6th Convocation of the University, However, the students who have completed their requirement of awarding the various degrees up to 31st of Jan, 2018 shall also be considered for award in the said convocation and the matter shall be placed before the BOM for confer and distribution of the degrees.</i>
AC (18) 11	Award of Certificates of Merit & Gold Medals during the 6th Convocation	<i>Resolved that:</i> i) <i>Certificates of merit shall be awarded to the pass outs in PG programme M.Sc.(Agri.) & Allied Sciences, M.V.Sc. & Ph.D. (Agri.) / Ph.D.(Vety.) who have obtained an OGPA of 8.00 and above on 10.00 point scale in the forthcoming 6th Convocation of the University. However the student, who fulfills the eligibility for award of certificates of merit up to 31st of Jan, 2018 shall also be considered in the said convocation.</i> ii) <i>Gold medals to the pass outs who have obtained the highest merit and fulfilled all the eligible requirements as per Chapter VI, Clause 2.0 of RRI, 2009 of SKUAST-Jammu in B.Sc. (Hons.) (Agri.), B.V.Sc. & A.H. and B.Sc. (Hons.) Biotechnology programmes in the 6th Convocation of the University V be awarded</i>
AC (18) 12	University Gold Medal of yellow metal (other than Gold) with Gold Polish	<i>Resolved that the University Gold Medal awarded to the pass out students fulfilling the eligibility of Gold Medals should be of yellow metal (other than Gold) with Gold Polish and accordingly consequential amendments in the RRI-2009 shall be carried out as per Sub-clause 2 of Clause 15 (power and functions of Academic Council) of Chapter-III (Authorities of the University) of the SKUAST ACT.</i>

AC (18) 13	Adoption of updated Regulation on Residential Instructions, 2017 SKUAST-Jammu	<i>Resolved that the existing committee involved in framing the updated RRI shall make the comparative statement of the rules, i.e. existing vs modified and all the Dean's of the faculties and senior professors nominated by concerned Deans shall review the changes incorporated in the updated regulations on RRI guideline, and final draft shall be submitted to office of the Registrar instantly.</i>
AC (18) 14	Institutionalization of Prof. Arun Gupta Memorial Gold Medal.	<i>Resolved that</i> <i>i) The guidelines for award of University Gold Medal and other than University Gold Medal is adopted.</i> <i>ii) The necessary consequential amendments in RRI- 2009 in Chapter-VI (Scholarships and Gold Medals) at clause 2.0 (Gold Medal) shall be carried out as per sub-Clouse 2 of clause 15 (Powers and functions of Academic Council) of chapter-III (Authority)."</i>
AC (18) 15	Guidelines for Best Teacher Award (SKUAST-Jammu).	<i>Resolved that</i> <i>i) The guidelines for Best Teacher Award SKUAST-Jammu shall be adopted w.e.f. 2017-18 and onwards.</i> <i>ii) The necessary consequential amendments in RRI- 2009 in Chapter-VI (Scholarships and Gold Medals) at clause 2.0 (Gold Medal) shall be carried out as per sub-Clause 2 of clause 15 (Powers and functions of Academic Council) of chapter-III (Authority).</i>
AC (18) 16	Change in nomenclature of under graduate degree programme for B.Sc. (Hons.) Biotechnology to B. Tech. Biotechnology and other related items from Academic year 2018-19.	<i>(i) Resolved that the nomenclature of B.Sc. Biotechnology degree programme is adopted as B.Tech (Biotechnology) from academic session 2018-19 and onwards. The syllabus and other details which is in consonance with the Vth Dean's committee is also adopted.</i> <i>(ii) The necessary consequential amendments in RRI- 2009 shall be carried out as per sub- clause 2 of Clause 15 (power and functions of Academic Council) of Chapter-III (Authorities of the University) of the SKUAST-Act."</i>
AC (18) 17	Provision of re-evaluation of end-term Examination answers books	<i>Resolved that Dean, FOA will constitute a committee for reviewing the provision of re-evaluation and shall submit the same within 15 days to the Registrar.</i>
AC (18) 18	Reducing percentage of marks to 55% instead of 60% for admission to MBA (ABM).	<i>Resolved that the minimum requirement for admission to MBA (Agri Business Management) and all Basic Sciences disciplines shall be 5.5 OGPA/ 10.00 or 55 percent marks in Under Graduation Programme from the academic session 2018-19 and onwards</i>
AC (18) 19	Provision of supernumerary	<i>Resolved that:</i> <i>i) That two more supernumerary seats shall be created in</i>

	seats for foreign national in master programme of Agriculture and Basic Sciences	<i>M.Sc. Entomology for foreign nationals for the academic session 2017-18 and onwards. ii) The provision of one supernumerary seat in each discipline for Master's Programme of the Faculty of Basic Sciences from the academic session 2017-18 and onwards be created."</i>
AC (18) 20	Admission of foreign students to Ph.D. Programme	<i>Resolved that the provision of one supernumerary seat in each discipline for Ph.D. Programme of Faculty of Agriculture, Faculty of Veterinary Sciences & Faculty of Basic Sciences from the academic session 2017-18 and onwards be created.</i>
AC (18) 21	Readmission of Mr. Mohammed Rawoof (J-14-BV-865) in 1st Professional year of B.V.Sc. & A.H, degree progr. & ratification thereof.	<i>Resolved that the readmission granted to Mr. Mohammad Rawoof (J-14- BV- 865) in 1st Professional year of B.V.Sc. & A.H, Programme (as per VCI regulation 2016) during the academic session 2017-18 vide No. AUJ/Acad/2017-18/F-PF/6656-59 dated 24/10/2017 is ratified.</i>
AC (18) 22	Inter-University Migration in B.V.Sc. & A.H. programme during academic year 2017-18.	<i>Resolved that inter university migration of students in SKUAST-J for eight students for academic session 2017-18 is ratified</i>
AC (18) 23	Creation of the posts in the newly established Organic Farming Research Centre, Chatha	<i>Resolved that the Director Research at first instance must get the Organic Farming Centre, Chatha notified and later submit the proposal for creation of the regular staff of the centre in the next Academic Council</i>
AC (18) 24	To consider weightage for Ph.D. degree with satisfactory grade only	<i>Resolved that the incumbents, who are employed and have completed their Ph.D degree without course work but has been awarded as satisfactory grade only instead of OGP, the weightage computation of API score card in such circumstances shall be taken at 60 percent.</i>
AC (18) 25	Increasing the maximum credit load per semester.	<i>Resolved to increase the maximum credit limit in a semester from 23 to 25 credit for undergraduate programme as per Vth Dean Committee report with the consequential amendments at clause 3.5.1 chapter IV RRI of SKUAST-J as per Sub- clause 2 of Clause 15(power and functions of Academic Council) of Chapter-III (Authorities of the University) of the SKUAST ACT.</i>
AC (18) 26	Restructuring of UG Course Curriculum.	<i>Resolved that the restructured course curriculum of B.Sc. (Hons) Agriculture be adopted w.e.f the academic year 2018-19 and onwards.</i>

AC	Institutions of	<i>Resolved:</i>
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(18) 27	SKUAST-Jammu Inter-Varsity Rolling Silver Trophy.	<p>i) <i>The institution of SKUAST-Jammu inter- varsity Rolling Silver Trophy along with the guidelines is adopted.</i></p> <p>ii) <i>The replica of the original trophy will be awarded to the winner of SKUAST-Jammu inter- varsity Rolling Silver Trophy”</i></p> <p>iii) <i>The necessary consequential incorporation in RRI- 2009 shall be carried out as per sub- clause 2 of Clause 15 (power and functions of Academic Council) of Chapter- III (Authorities of the University) of the SKUAST-Act.</i></p>
AC (18) 28	Admission of state nominee to B.V.Sc. & A.H. degree programme through entrance test only.	<i>Resolved that the seats reserved under in-service State Govt. nominees shall be filled through SKUAST-J CET only from the academic session 2018-19 and onwards.</i>
AC (18) 29	Minimum Standards of Veterinary Education (Bachelor of Veterinary Sciences & Animal Husbandry-Degree) Regulation, 2016 as per part VI of VCI regulations w.r.t infrastructure and human resource.	<i>Hence, the agenda in this regard is deferred.</i>
AC (18) 30	Revision of study tour fee for B.V.Sc. & A.H degree programme	<i>The agenda is deferred.</i>
AC (18) 31	Institution of B.Sc. degree Programme in Faculty of Basic Sciences.	<p><i>Resolved that:</i></p> <p>i) <i>Institution of B.Sc. Programme in Faculty of Basic be deferred.</i></p> <p>ii) <i>The nomenclature as College of Basic Sciences, College of Agriculture Sciences and College of Veterinary Sciences & Animal Husbandry instead of Faculty of Basic Sciences, Faculty of Agriculture Sciences and Faculty of Veterinary Sciences & Animal Husbandry with the consequential amendments in SKUAST-J, Statues is adopted.</i></p> <p>iii) <i>The courses mainly Agricultural Microbiology (MICRO-121)” & “Plant Physiology (Botany-201)” as contained in Vth Dean Committee report shall be henceforth offered by Division of Microbiology and Division of Plant Physiology, FBSc respectively instead of Divisions of FoA”.</i></p>

AC (18) 32	Institution of three months certificate course leading to skill development	<p><i>Resolved that the following short term certificate courses shall be instituted w.e.f academic session 2018-19 and onwards with the necessary consequential amendments in Statues and RRI wherever applicable after following the due procedure as per Sub- clause 2 of Clause 15 (power and functions of Academic Council) of Chapter-III (Authorities of the University) of the SKUAST ACT.”</i></p> <p><i>List of Short Term Courses</i></p> <p><i>S.No Name of the Course</i></p> <ol style="list-style-type: none"> <i>1. Feed Formulation, Processing and Quality Evolution.</i> <i>2. Fish Production & Management</i> <i>3. Broiler Production & Management</i> <i>4. Training in Bee Keeping</i> <i>5. Training in Mushroom Cultivation & Spawn Production</i>
AC (18) 33	Institutionalization of Diploma course in Logistics & Supply Chain	<i>Resolved that the Diploma course in Logistic and Supply Chain shall be institutionalized from the academic session 2018-19 and onwards on self-sustained basis</i>
AC (18) 34	Livestock Assistant Training course	<i>Resolved that the Livestock Training Course shall be adopted.</i>
AC (18) 35	Conduct of special Examination	<i>Resolved that the action of the university w.r.t. conduct of special examination Vide No: AUJ/Acad./17-18/F-SP/2802-09 dated 27-07-2017 is ratified.</i>
AC (18) 36	Increasing the limit of major advisor to guide M.Sc./Ph.D. students	<i>Resolved that the recommendation of committee vide no. AUJ/DE/17-18/F-59/2211 dated 22-12-2017 shall be adopted with the necessary amendments in the RRI-2009 as per Sub- clause 2 of Clause 15 (power and functions of Academic Council) of Chapter-III (Authorities of the University) of the SKUAST ACT</i>
AC (18) 37	Adoption of ICAR-AU admission system as eligibility criteria for various Masters Degree Courses.	<i>Resolved that the compulsory remedial courses (non-gradual) shall be adopted with the necessary amendments in the RRI-2009 as per Sub- clause 2 of Clause 15(power and functions of Academic Council) of Chapter-III (Authorities of the University) of the SKUAST ACT</i>

AC (18) 38	Institution of new Ph.D. programmes	<p><i>Resolved that institution for Ph.D. programme in the disciplines given below shall be adopted with the provision of intake capacity of three seats in each disciplines (one seat for ICAR nominee and two seats to be filled through SKUAST CET). The syllabus and other residential requirement of the programme shall be submitted to Registrar after meeting its concurrence from the concerned Dean and Director Education.</i></p> <p>i) <i>Ph.D.in Farm Machinery and Power Engineering</i> ii) <i>Ph.D. in Plant Physiology.</i></p>
AC (18) 39	Remedial/deficiency courses for students coming from non forestry streams in M.Sc. Forestry.	<p><i>Resolved that the students coming from non forestry streams to pursue M.Sc. Forestry shall have to study the following remedial / deficiency courses before taking the prescribed master degree courses.</i></p>
AC (18) 40	Increasing credit load for in-service Ph.D. candidates.	<p>(i) <i>Resolved that in-service candidates pursuing Ph.D. programme as per clause 6.7 Chapter V of RRI 2009 can take 9 credit hr of course work/ research work in a semester instead of 7 credit hr.</i></p> <p>(ii) <i>The necessary consequential amendments in RRI-2009 shall be carried out as per sub- clause 2 of Clause 15 (power and functions of Academic Council) of Chapter-III (Authorities of the University) of the SKUAST-Act.</i></p>
AC (18) 41	Academic Integrity and Prevention of Plagiarism in Higher Education.	<p><i>Resolved that the Director Education will procure a software, and gadgets to detect plagiarism and other forms of academic dishonesty. Besides the certificate in the dissertation/thesis w.r.t providing undertaking from the research scholar as well as the Major Advisor certifying that the originality of the work with an additional statement that there is no plagiarism and the work reported in the dissertation / thesis has not been submitted for award of any other degree/diploma of the same institution where the work was carried out or any other institution with the necessary amendments in the RRI-2009 as per Sub- clause 2 of Clause 15(power and functions of Academic Council) of Chapter-III (Authorities of the University) of the SKUAST ACT.</i></p>
AC (18) 42	Additional requirement of auxiliary / supporting staff at F.V.Sc. & AH, R.S.Pura.	<p><i>Resolved the resolution of the XIII Faculty of Post graduate meeting for creation of staff position to this agenda and further refer the matter to BOM after getting approved in the Planning Committee of the University.</i></p>

AC (18) 43	Adoption of UGC regulation issued vide dated May 5, 2016 w.r.t. award of Ph.D. degree programme	<i>Resolved that University shall adopt the same after the Director Education revisits the proposal and submit to Registrar.</i>
AC (18) 44	Institutionalization of Diploma course in Plant Protection and Pesticide Management	<i>Resolve that Diploma course in Plant Protection and Pesticide Management shall be institutionalized from the academic session 2018-19 and onwards on self sustained basis</i>
AC (18) 45	Any other Agenda item with the permission of Chair	<i>Resolved that date of viva-voce be considered as date of award of degree provided final thesis, after necessary incorporation of suggestions if any, is submitted by the concerned student within fifteen days of thesis viva-voce and in case of those students who fail to submit the final thesis within the above stipulated time, the date of completion of degree shall be from the date of result notification and the same shall be recorded on the award of degree certificate.</i>

19th Academic Council

Item No.	Items	Action Taken																											
19th Academic Council																													
AC (19) 1	Confirmation of Minutes of 18th Meeting of Academic Council	<i>Resolved that the minutes of 18th meeting of Academic Council circulated vide no. AUJ/Acad/17-18/F-08/9199-9249 dated 16-03-2018 except agenda item no AC (18) 36 are confirmed”.</i>																											
AC (19) 2	Admission to Undergraduate/ Masters’ programme for academic session 2018-19.	<p><i>Resolved that the action taken with regards to admission to various courses for academic session 2018-19 as detailed below is confirmed”.</i></p> <table border="1"> <thead> <tr> <th>S. No.</th> <th>Programme</th> <th>No. of students admitted</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>B.Sc.(Hons.) Agriculture</td> <td>118</td> </tr> <tr> <td>2.</td> <td>B.Sc.(Hons.) Biotechnology</td> <td>35</td> </tr> <tr> <td>3.</td> <td>B.V.Sc. & A.H.</td> <td>70</td> </tr> <tr> <td>4.</td> <td>M.Sc.(Ag.)</td> <td>75</td> </tr> <tr> <td>5.</td> <td>M.Sc. Basic Sciences</td> <td>08</td> </tr> <tr> <td>6.</td> <td>M.Sc. Biotechnology</td> <td>02</td> </tr> <tr> <td>7.</td> <td>M.V.Sc.</td> <td>46</td> </tr> <tr> <td>8.</td> <td>MBA(Agri Business Management)</td> <td>10</td> </tr> </tbody> </table>	S. No.	Programme	No. of students admitted	1.	B.Sc.(Hons.) Agriculture	118	2.	B.Sc.(Hons.) Biotechnology	35	3.	B.V.Sc. & A.H.	70	4.	M.Sc.(Ag.)	75	5.	M.Sc. Basic Sciences	08	6.	M.Sc. Biotechnology	02	7.	M.V.Sc.	46	8.	MBA(Agri Business Management)	10
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AC (19) 3	Concurrence of syllabus for Ph.D. (Farm Machinery & Power Engineering) and Ph.D. (Plant Physiology).	<i>Resolved that the syllabus for Ph.D. (Farm Machinery & Power Engineering) and Ph.D. (Plant Physiology) Division of Plant Physiology be approved and action taken is confirmed</i>
AC (19) 4	Accreditation system of faculties and resetting of norms for allotment of the Major Advisors to the PG students.	<i>Resolved that the recommendations of committee made vide no AUJ/DE/2018-19/F-59/2294 dated 04-12-2018 for introduction of Accreditation system of faculty members of the PG faculties and resetting of norms for allotment of the Major Advisors with the addition that the co-advisor from outside of university shall be from those institutions/ universities having MoU with SKUAST-J to the PG students is adopted.</i>
AC (19) 5	Adoption of University Grants Commission (Minimum Standards and Procedure for Award of Ph.D Degrees) Regulations, 2016	<p><i>Resolved to adopt the following regulations of University Grants Commission (Minimum Standards and Procedure for Award of Ph.D Degrees) Regulations, 2016:</i></p> <p><i>Eligibility for admission to Ph.D. programmes:</i></p> <ul style="list-style-type: none"> • <i>Candidates possessing a Degree considered equivalent to Masters Degree of an Indian Institution or from a Foreign Educational Institution accredited by an Assessment and Accreditation Agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country for the purpose of assessing, accrediting or assuring quality and standards of educational institutions, shall be eligible for admission to Ph.D. programme.</i> • <i>Duration of the Programme:</i> • <i>The women candidates and Persons with Disability (more than 40% disability) be allowed a relaxation of two years for Ph.D. in the maximum duration. In addition, the women candidates may be provided Maternity Leave/Child Care Leave once in the entire duration of Ph.D. for up to 240 days.</i> • <i>Procedure for admission</i> • <i>An Entrance Test for admission to Ph.D. Programme shall be compulsory qualifying marks as 50%. The syllabus of the Entrance Test shall consist of 50% of research methodology and 50% shall be subject specific.</i>

		<ul style="list-style-type: none"> • <i>Course Work</i> • <i>Research Methodology course of four credit hrs. which covers areas such as quantitative methods, computer applications, research ethics and review of published research in the relevant field, training, field work, etc be compulsory courses in addition to the defined course work.</i> • <i>Evaluation and Assessment Methods; minimum standards/credits for award of the degree</i> • <i>Ph.D. scholars must publish at least one (1) research paper in refereed journal and make two paper presentations in conferences/ seminars before the submission of the dissertation /thesis for adjudication, and produce evidence for the same in the form of presentation certificates and/or reprints.</i> • <i>The viva-voce examination, based among other things, on the critiques given in the evaluation report, shall be conducted by the Research Supervisor and at least one of the two external examiners, and shall be open to be attended by Members of the Research Advisory Committee, all faculty members of the Department, other research scholars and other interested experts /researchers”</i> • <i>The Ph.D. thesis submitted by a research scholar shall be evaluated by his/her Research Supervisor and at least two external examiners, who are not in employment of the Institution/College, of whom one examiner may be from outside the country.</i> • <i>Thesis disposal:</i> • <i>Before the announcement of successful completion of Ph.D degree an electronic copy of the thesis should be sent to INFLIBENT for hosting it to make available to all institutions/ colleges. This shall be in addition to what already exists in the RRI of the University regarding thesis disposal.</i> • <i>On successful completion of the requirements by a student for award of Ph.D degree university shall issue a provisional certificate to the effect that the degree has been awarded in accordance with the provision of these UGC regulations.</i>
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AC (19) 6	Institution of Ph.D. Microbiology Programme.	<p><i>Resolved that</i></p> <p>i) <i>Institutionalization of Ph.D. (Microbiology) Programme with an intake capacity of two seats on self financing basis .</i></p> <p>ii) <i>The feeder degree shall be M.Sc. (Ag) Microbiology / M.Sc. Microbiology / Biotechnology/ Environmental Science / Molecular Biology and Biotechnology/Life Sciences/ Plant Pathology (with specialization in Microbiology)/ Soil Microbiology.</i></p> <p>iii) <i>The students who are coming with M.Phil have to complete deficiency courses for 2 semester. The following committee will see the modalities of such cases.</i></p> <ul style="list-style-type: none"> ➤ <i>Director Education</i> ➤ <i>Dean, Faculty of Basic Science</i> ➤ <i>Prof. V.K.Razdan, I/c Librarian</i> <p><i>The course curriculum for Ph.D. Microbiology is approved”.</i></p>
AC (19) 7	Adoption of UGC notification regarding (promotion of Academic integrity and prevention of plagiarism in higher educational institutions) Regulations, 2018	<i>Resolved that the UGC notification regarding Promotion of Academic Integrity and Prevention of Plagiarism in Higher Educational Institutions Regulations, 2018 as detailed in herein is adopted</i>
AC (19) 8	Certificate of Anti-plagiarism for thesis / synopsis.	<i>Resolved to inclusion of anti-plagiarism certificate to be initiated by the scholar and duly signed by the advisor, Head and countersigned by Dean of the faculty shall be included in thesis in the modified format of Certificate I of PG studies.</i>
AC (19) 9	Modification required in the minimum credit load per semester.	<i>Resolved that a student can register for less than 09 credit hours in a semester provided that the credit load to be registered as per approved PG Form-II is less than 09 credit hours.</i>
AC (19) 10	Modification in clause 11.3 (iii) Chapter- IV (Preliminary oral Examination) of Regulations on Resident Instructions (RRI) 2009 of SKUAST-Jammu.	<i>Resolved to the student after passing written comprehensive examination can appear for oral comprehensive examination in the same semester.</i>

AC (19) 11	Guidelines for revision in remuneration of contractual/guest Faculty	<i>Resolved that the remuneration for engaging the contractual faculty shall be revised from ₹ 25,000 to ₹40,000 per month in case of contractual lecturers with Ph.D qualifications and ₹ 20,000 to ₹ 30,000 per month in case of contractual faculty with Master's /Net Qualified qualifications and same be placed before BoM.</i>
AC (19) 12	Enhancement in duration of Internship allowance from six months to twelve months to the Final Year B.V.Sc. & A.H. Students admitted in 2016-17 and thereafter.	<i>Resolved that the proposal is recommended to Board of Management for enhancement the duration of internship allowance from six months to twelve months for the final year B.V.Sc. & A.H students admitted in. 2016-17 and thereafter”.</i>
AC (19) 13	Condensation of semester	<i>Resolved that in case a student have less than 09 residual credit hours of research as shortfall to earn his/her PG degree and if such a student registers a semester, over and above than minimum required to earn a degree, the duration of that semester can be condensed for him/her and 10 working days shall be equated to a credit load of one hour in condensed form provided the registered credit hours are of research and less than 09 credit hours”.</i>
AC (19) 14	Bifurcation of Division of Veterinary Physiology & Biochemistry into Division of Veterinary Physiology and Division of Veterinary Biochemistry.	<i>Resolved that the Bifurcation of Division of Veterinary Biochemistry & Physiology into Division of Veterinary Biochemistry & Division of Veterinary Physiology is deferred”.</i>
AC (19) 15	Enhancing Faculty position in Faculty of Veterinary Sciences and Animal Husbandry	<i>Resolved that refer the proposal of strength the Faculty position of Faculty of Veterinary Sciences and Animal Husbandry to Planning Committee and thereafter to Board of Management.</i>

20th Academic Council

Item No.	Items	Action Taken
AC (20) 1	Confirmation of the minutes of 19 th Meeting of the Academic Council	<p><i>Academic Council considered the minutes of the 19th meeting of Academic Council circulated vide no. AUJ/Acad/2018-19/F-08/7943-8002 dated 26-03-2019 and suggested following modification in Agenda Item No. AC (19) 8: Certificate of anti-plagiarism for thesis / synopsis”:</i></p> <p><i>”Adoption of the inclusion of anti-plagiarism certificate in thesis/dissertation in the modified format of Certificate I of PG studies by the scholar and duly signed by the advisor, head of the division and countersigned by dean of the faculty, subject to University providing plagiarism detection software to the scholars and faculty at an earliest”</i></p> <p><i>With the above modification the minutes were confirmed</i></p>
AC (20) 2	Admission to undergraduate, masters and Ph.D programme for academic session 2019-20.	<p><i>Action taken with regards to admission to various courses for academic session 2019-20 were confirmed</i></p>
AC (20) 3	Modalities for online classes, conduct of tests, examinations, awards of grades/ marks and passing criteria for UG, PG and Ph.D programmes for 2 nd semester of academic session 2019-20.	<p><i>Adoption of the following guidelines with respect to written comprehensive examination of masters and Ph.D. programmes under COVID-19 pandemic situation:</i></p> <p><i>i) The students who have applied and are eligible to appear for written comprehensive examination and have already completed the required course work, their marks/OGPA obtained in Major and Minor courses completed be considered for awarding S/US in the written examination.</i></p> <p><i>ii) For such students whose written comprehensive examination shall be evaluated on the basis of semester report grades, the oral comprehensive examinations shall be open to all faculty members and PG students.</i></p> <ul style="list-style-type: none"> <i>• e- learning apps / platforms such as Google Classroom, Google Meet, Google Hangout, Cisco Webex Meeting, YouTube Streaming, Zoom and other reliable apps and platforms be used under COVID-19 pandemic situation,</i> <p><i>i. Guidelines framed above for Student READY programmes are adopted only under prevailing COVID-19 pandemic situation.</i></p>

		<p>ii. <i>The minimum attendance requirement of 85% is waived off under COVID-19 pandemic situation.</i></p> <ul style="list-style-type: none"> • <i>Guidelines framed above for Internship for B.V.Sc. and A.H. students are adopted only under prevailing COVID-19 pandemic situations</i> • <i>Resolutions are adopted under COVID-19 pandemic situation:</i> <p>i. <i>The university shall conduct examinations (First Quiz/second quiz/assignment, Mid-term & Semester end examinations in case of masters and Ph.D; Mid-term, assignment and Semester end examinations for undergraduate) in offline / online mode, as per the Rules & Regulations, Scheme of Examinations, observing the guidelines of “social distancing” & keeping in view the support system available with the University & ensuring fair opportunity to all students.</i></p> <p>ii. <i>The University shall conduct semester-end examinations, after making a comprehensive assessment of level of preparedness, residential status of the students, status of COVID-19 pandemic spread in the region / UT and other factors. In case the situation does not appear to be normal in view of COVID-19, in order to maintain “social distancing”, safety and health of the students, GPA of the students could be composite of 50% marks on the basis of the pattern of internal evaluation (First Test/Quiz, Assignment and Mid- term) adopted by the university and the remaining 50% marks can be awarded on the basis of performance in previous semester only (if av).</i></p> <p>iii. <i>In the situations where previous semester marks are not available, particularly in the first year, 100% evaluation may be done on the basis of internal evaluation. If the student wishes to improve the grades, he/she may appear in special exams for such subjects during next semester. This provision is only in view of COVID-19 pandemic, while maintaining safety and health of all the stakeholders and sanctity and quality of examinations.</i></p> <p><i>The minimum attendance requirement of 75% of theory and practical’s for undergraduate/postgraduate classes are waived off only for the current semester.</i></p> <ul style="list-style-type: none"> • <i>The guidelines framed above for students’ research and evaluation through Video Conferencing and other Apps/Platforms are adopted only under prevailing COVID-19 pandemic situation.</i>
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AC (20) 4	Eligibility criteria, reservation procedure and other condition for admission to various UG/PG programmes through SKUAST CET UG/PG-2020 for academic session 2020-21	<p><i>Resolved that:</i></p> <ol style="list-style-type: none"> 1. <i>The action taken in this regard of inviting applications for admission to UG/PG programmes for academic session 2020-21 including inclusion of candidates of Union territories of J&K and Ladakh for normal and self-financing seats reserved only for domicile candidates, the intake, eligibility, selection procedure, determination of merit, counseling as described in information brochure of SKUAST-J CET UG/PG 2020 along with addendum for reservation in UG programme is ratified.</i> 2. <i>Ratification of the adoption of SO 127 dated 20/04/2020 regarding amendments in the Jammu & Kashmir Reservation Rule, 2005 and accordingly allotment of the reservation of seats in undergraduate and postgraduate programmes for academic session 2020-21 and onwards.</i> 3. <i>Filling of Veterinary Council of India (VCI) quota seats from nominations/allotment (NEET score) made though VCI is adopted.</i> 4. <i>Adoption of following fixation of numbering of seat roaster based on SO 127 & dated 20/4/2020 as given under:</i> 5. <i>Roaster of reservation of seats for admission to PG programme (100 seats):</i> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><i>Category</i></th> <th style="text-align: left;"><i>Numbering of Seat</i></th> </tr> </thead> <tbody> <tr> <td><i>Resident of Backward Area (10%)</i></td> <td><i>2, 12, 22, 33, 43, 53, 64, 74, 84, 95</i></td> </tr> <tr> <td><i>SC (8%)</i></td> <td><i>3, 15, 27, 39, 51, 63, 75, 89.</i></td> </tr> <tr> <td><i>ST(10%)</i></td> <td><i>6,16,26,36, 46, 56,66, 76, 86,96</i></td> </tr> <tr> <td><i>EWS(10%)</i></td> <td><i>9,19,29,40,50, 60, 70, 81, 91, 99</i></td> </tr> <tr> <td><i>PSP(4%)</i></td> <td><i>13, 35, 62, 88</i></td> </tr> <tr> <td><i>Social Caste (4%)</i></td> <td><i>17,42,71,93</i></td> </tr> <tr> <td><i>ALC/IB(4%)</i></td> <td><i>10, 38, 67, 97</i></td> </tr> <tr> <td><i>CDP(2%)</i></td> <td><i>11, 61</i></td> </tr> <tr> <td><i>SP(1%)</i></td> <td><i>25</i></td> </tr> </tbody> </table>	<i>Category</i>	<i>Numbering of Seat</i>	<i>Resident of Backward Area (10%)</i>	<i>2, 12, 22, 33, 43, 53, 64, 74, 84, 95</i>	<i>SC (8%)</i>	<i>3, 15, 27, 39, 51, 63, 75, 89.</i>	<i>ST(10%)</i>	<i>6,16,26,36, 46, 56,66, 76, 86,96</i>	<i>EWS(10%)</i>	<i>9,19,29,40,50, 60, 70, 81, 91, 99</i>	<i>PSP(4%)</i>	<i>13, 35, 62, 88</i>	<i>Social Caste (4%)</i>	<i>17,42,71,93</i>	<i>ALC/IB(4%)</i>	<i>10, 38, 67, 97</i>	<i>CDP(2%)</i>	<i>11, 61</i>	<i>SP(1%)</i>	<i>25</i>
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		<p>6. <i>The existing system for admission of NRI/NRI sponsored candidates will continue for academic session 2020-21 due to the prevailing Covid-19 situation.</i></p> <p>7. <i>Only the candidates who successfully completed degree programmes from the ICAR/UGC accredited/recognized institutions/ Universities are eligible for admission in PG programme .</i></p> <p>8. <i>Addendum issued to delete the permanent resident certificate wherever appearing in notification no 23(Acad)of 2020 dated 12/5/2020 and in information brochure of SKUAST CET UG/PG 2020 is ratified. Moreover University shall follow Govt. guidelines/instructions issued from time to time with regard to Domicile.</i></p>
AC (20) 5	Change in Course distribution No GPBR-221 (Principles of seed Technology)	<i>The change of credit hours of Course no. GPBR-221 'Principles of Seed Technology' (GP8R-221) is of 1+2 credits hours instead of 2+1 as per recommendation Vth Dean Committee report is ratified and the resolution is also adopted for correction of above credit hours for those students who have already passed the above mentioned course</i>
AC (20) 6	Shifting of Course no. FOR-111 (Introduction to Forestry) with Course no. PATH-121 (Agricultural Microbiology) in semester-II	<i>Swapping of Course No. FOR-111 (Introduction to Forestry) with course No.PATH-121(Agricultural Microbiology)in semester-II is adopted. In view of this change, the revised course No. shall be FOR-121 (Introduction to Forestry), FOR-111(Environmental Studies & Disaster Management) and PATH-111(Agricultural Microbiology).</i>
AC (20) 7	Nomination of ICAR seats in MBA (Agri-Business Management) for academic session 2020-21 and onwards	<i>The house unanimously resolved to drop the agenda</i>
AC (20) 8	Moderation Committee for Comprehensive Examination	<i>Constitution of moderation committee of comprehensive examination of Masters and Ph.D. programmes is adopted and moderation shall not exceed 25 percent</i>
AC (20) 9	Shlft the RAWE & AIA from 8 th to 7 th Semester as per the recommedation of Vth Dean Committee report	<i>RAWE & AIA shall be shifted from 8th to 7th Semester and experiential learning from 7th to 8th semester with effect from the academic session 2021-22 is adopted</i>

21st Academic Council

Item No.	Items	Action Taken
AC (21) 1	Confirmation of the minutes of 20 th Academic Council	<i>Resolved that the minutes of 20th meeting of Academic Council circulated vide no. AUJ/Acd/ 2020-21/F-08/244-80 dated 08-06-2020 were confirmed</i>
AC (21) 2	Institutionalisation of Ph.D. programme in (Agri-Business Management) from Academic Session 2020-21	<i>Resolved that:</i> <ol style="list-style-type: none"> <i>1. Ph.D.(Agri-Business Management) from academic session 2020-21 with an intake capacity of two (02) be Institutionalized.</i> <i>2. The eligibility requirement for admission to Ph.D. (Agri-Business) be MBA (ABM) or any MBA stream or equivalent.</i> <i>3. The Programme shall be run on self financing mode and the semester fee of the programme be fixed as Rs. 30,000/- semester in addition to normal semester fee.</i> <i>4. The course curriculum of the Ph.D (Agri-Business Management) is adopted</i>
AC (21) 3	Restructuring intake capacity for Diploma in Agriculture and Diploma in Horticulture	<i>Resolved that:</i> <ol style="list-style-type: none"> <i>1. The decision taken by the University regarding waiving off the reservation of 03 seats per district vide notification no 44 (Acad) of 2020 dated 01-09-2020 and inviting the applications for intake of 30 seats each in Diploma courses in Agriculture and Horticulture for Jammu province was ratified.</i> <i>2. The intake of 10 seats in each Diploma course for in-service UT Government / SKUAST-J, employees is fixed from the academic session 2020-21.</i> <i>3. The reservation to Diploma courses given as per the Jammu & Kashmir Reservation Rules, 2005 amended vide SO 127 dated 20/04/2020 is adopted from the academic session 2020-21</i>
AC (21) 4	Institution of Ph.D. in Floriculture and Landscaping	<i>Resolved that:</i> <i>Ph.D Floriculture and Landscaping be institutionalised from the academic session 2020-21 with an intake capacity of two (02).</i> <i>The course curriculum of the Ph.D. in Floriculture and Landscaping is adopted</i>
AC (21) 5	Enhancement of 10 percent seats under Economically Weaker Section in each programme from academic session 2020-21 and onwards	<i>Resolved to ratify the decision taken by the university vide notification no. 46 (Acad) of 2020 dated 28-09-2020 for seat matrix for UG & PG Programme (open/reserved) by including 10% seats of Economically Weaker Section (EWSs) over and above the total intake capacity from academic session 2020-21 and onwards</i>

AC (21) 6	Ratification of Annual Board of Examination for B.V.Sc. & AH through online mode and supplementary Examination for 1 st semester 2019-20	<i>Resolved that the decision taken by the university vide no. AUJ/Acad/20-21/F-59/591-94 dated 24-08-2020 for conduct of Annual Board Examination for B.V.Sc. & AH programme through online mode and vide No. AUJ/Acad/20-21/F-45/1771-75 dated 9-9-2020 for conduct of supplementary examination for 1st semester of academic session 2019-20 is ratified</i>
AC (21) 7	Deferment of educational tour	<i>Resolved that the mandatory All India Education tour be restricted to North India states</i>
AC (21) 8	Institutionalization of PG programme in M.Sc. (Seed Science & Technology) Programme from academic session 2021-22	<i>Resolved that:</i> <i>i. MSc. (Seed Science & Technology) for the academic session 2021-22 with an intake capacity of three (03) may be institutionalised.</i> <i>ii. The course curriculum, eligibility criteria of the MSc. (Seed Science & Technology) is adopted</i>
AC (21) 9	Conduct of written Comprehensive examination during I st semester of academic session 2020-21	<i>Resolved that the paper setting and evaluation of written comprehensive examinations for Master and Ph.D. degree programmes during Ist semester of academic session 2020-21 is held internally</i>
AC (21)10	Any other Agenda item with the permission of the chair 1. Reallocation one Post for Linguistics 2. Reallocation of 04 seats reserved for In-service- Govt. Nominee in B.V.Sc.& A.H programme. 3. Affiliation to Diploma course in Animal Husbandry course. 4. Institution of B.Sc. (Hons.) Horticulture programme.	<i>Resolved that:</i> <i>i. A contractual teacher shall be engaged for teaching language course in the University.</i> <i>ii. The fund of School of Biotechnology be utilize for contractual engagement”.</i> <i>iii. A committee of Director Education & Deans shall be framed to implement the New Education Policy, 2020 in the University.</i> <i>iv. Resolved that the 04 seats reserved for In-service- Govt. Nominee in B.V.Sc. & A.H programme shall be filled from self financing (Domicile) category.</i> <i>v. The Hon’ble Vice-Chancellor pointed out that Dean, F.V.Sc. & A.H. shall frame a committee to study the proposal and submit the report.</i> <i>vi. Resolved the institution of B.Sc. (Hons.) Horticulture Programme is adopted from the academic session 2021-22 and course curriculum is approved</i>

6.6.2.2. Innovation and Best Practices

- The University has excelled very well in academic pursuits. Innovative teaching practices have been incorporated by the teachers in all the three faculties of the University. Class rooms have been upgraded to smart class rooms at both Faculty and Division levels. High speed Internet (NKN) has been provided to teachers and students to promote online leaning. Academic calendars and updated Regulations on Resident Instructions have been made available on the University website. Computer Labs. with around 50 computer terminals connected with high speed internet are established at both the campuses (Chatha and R.S. Pura) of the University. Lecture schedules of the courses and time tables are also uploaded on the University website to facilitate the students. At Division level, such facilities have been created for postgraduate students.
- Courses on soft skills, personality development and writing skills have been introduced at UG/PG levels for overall development of the students. On-campus sports infrastructure has been strengthened for fitness of the students.
- Besides routine class teaching, the teachers have been providing need based guidance to all the students appearing for complete exams such as JRF/SRF/NET conducted by ICAR, CSIR, DBT, JNU, etc. During 2018, SKUAST-Jammu achieved distinction of being at 2nd rank in India with respect to students qualifying JRFs of ICAR.
- Students experiential learning programmes have been started in mushroom cultivation, Beekeeping, Plant Clinics and Hi-tech nursery for horticultural crops. Entrepreneurship trainings in mushroom cultivation, bee keeping, fruit crops nursery management, seed production, plant tissue culture, post harvest management, poultry, dairying, livestock product technology and fisheries are regularly conducted. The students are involved in all activities end to end for complete exposure and hands on trainings.
- Two units of the University namely School of Biotechnology and Division of Veterinary Medicine are FIST, DST aided departments. The University has state of the art laboratories, workshops, veterinary clinics and hospitals at all the faculties to support students practicals and research.
- The University has been accredited by the ICAR, New Delhi for adhering to prescribed norms and standards and to maintain quality in teaching, research and extension.
- The University pass outs have found placements in public and private sectors in both administrative and technical jobs. Placements in banking sectors have increased in last five years.
- SKUAST-Jammu has established a full fledged Organic Farming Research Centre at Chatha Campus to promote research on organic cultivation of crops and devise suitable recommendations on organic crop husbandry. The University is also on fore front in standardizing and promoting conservation agricultural practices in different crops including zero tillage and SRI among the farmers.

6.6.2.3. Library

Library system of Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu (SKUAST-Jammu) comprises of Central Library at Faculty of Agriculture (FOA), Main Campus, Chatha and Faculty Library at Faculty of Veterinary Sciences & Animal Husbandry (FVSc & AH), R.S. Pura. Both the libraries have open access and are housed in their respective modern and spacious buildings. The Central Library is a modern three storey glazed building having 5382 sq. meter area and has come up at the construction cost is Rs. 945 lacs. It was inaugurated by the then Chief Minister of J&K, Sh. Ghulam Nabi Azad, on 12th November, 2007. The Faculty Library at R.S.Pura, has an area of 2937 sq. meter area. In both the libraries, the collection comprises of documents in the field of Agricultural, Veterinary and allied sciences. Online Library system consisting of network terminals for providing access to e-journals, e-books, internet and other e-reference resources are provided to the scientists, scholars, students and staff.

Information Resources/Collection			
S. No.			
1	Books	: Central Library, Chatha	27974
		: Faculty Library, R.S. Pura	7625
		TOTAL	35599
2	Theses/Disse rtations	: Central Library, Chatha	1644
		: Faculty Library, R.S. Pura	604
			2248* includes multiple copies
E-Resource			
	<i>E-Resource Name</i>	<i>URL</i>	<i>Access Type</i>
	e-Journal:		
3	CeRA	https://jgateplus.com/home	IP Based
	e-Books:		
4	CABI e-Books	Perpetual Access	CDROM Based
5	EBSCO e-Books	https://www.search.ebscohost.com	IP Based
6	Informatics e- Books	https://www.eboox.in	IP Based
		Statistical Database	
7	India Agristat	https://jgateplus.com/home	IP Based
		Software	
8	Institutional Repository (OKMS)	http://sherekashmir.informaticpublishing.com/	IP Based
		e-Theses	
9	Krishikosh	https://krishikosh.egranth.ac.in/	Open Access

Library Governance

Library Advisory Committee (LAC) meeting is held atleast thrice a year, however, special adhoc meetings may be convened as per the request of the LAC members.

Opening Hours: 9.30 a.m to 7.00 p.m

Library Team: The library team is composed of following members

LIBRARY TEAM			
S. No.	Name	Designation	Phone/E-mail
1.	Prof. S. K. Gupta	University Librarian	0191-2262037, 9419124146
2.	Sh. Leela Dhar Mangi	Assistant Librarian	9906239359, 7006889623
3.	Sh. Narinder Sharma	Senior Stenographer	9419211574
4.	Smt. Meenakshi Devi	Library Assistant	9622342377
5.	Sh. Amit Sharma	Library Assistant	9419174820
6.	Smt. Asha Rani	Library Assistant	9419236562
7.	Sh. Krishan Chand Sharma	ACT	9906253200

e-mail address: librarian@skuast.org; clskuastj@gmail.com

FACILITIES AND FEATURES

Library services are witnessing radical changes world over and accessibility and instant retrieval of information is the main focus. The University has two libraries i) the Central Library, at the main campus Chatha and ii) Faculty Library, to cater the need of the Faculty of Veterinary Sciences and Animal Husbandry at R.S.Pura campus. Both the libraries have open access and are housed in their respective modern and spacious buildings. The floor wise arrangement is as follows:

a. Ground Floor

- Leisure Reading Area
- Text Book and Reference Reading Hall
- E-Studio
- Technical, Reference and Acquisition Section
- News-papers / Magazines Reading Lounge

b. First Floor

- Librarian's Office
- Conference Room
- Circulation Section
- Self Check in/Checkout section
- Buffer Lobby, Waiting Lounge & Display Area, OPAC Terminals
- Property Room
- Visitors Room
- General Reading Hall and Stack Area for books

c. Second Floor

- Reference Reading Hall
- Online Library / Internet Lab with 25 terminals
- Current Periodicals Section
- Bound Periodicals Section
- Theses and Dissertation Section
- Online Library / Internet Lab.

Online Library System

E-resources consist of e-Books and e-journals through Consortium of e-Resources in Agriculture (CeRA) providing access to about 2800 e-journals, India Agristat database, 577 e-Books with perpetual access (CABI, EBSCO and Informatics) related to agriculture and allied subjects have been made available through digital platforms. On line access to e-recourses has been made available to all the scientists, students, scholars and faculty members for making full utilization of the facilities created in our Library through NKN.

Library is guided by Library Advisory Committee. Teaching and learning process is adopting e-learning systems and internet has emerged as a powerful, widely acceptable and affordable medium of information communication. In order to serve the readers effectively, specialized functional sections such as Acquisition Section, Periodical Section and Reference and Computer Services Section, Technical Processing Section, Circulation Section, Reader Services Section, Rental and Documentation Section are being initiated.

E-Journals: Consortium for e-Resources in Agriculture (CeRA)

Consortium for e-Resources in Agriculture (popularly known as CeRA) is an e-Consortium of Agricultural Libraries under the Indian Council of Agricultural Research for National Agricultural Research and Education System (NARES) Libraries. Established in November 2007, the Consortium for e-Resources in Agriculture (CeRA) is the first of its kind for facilitating 24x7 online accesses of select journals in agricultural and allied sciences to all researchers, teachers and students, policy planners, administrators and extension specialists in NARS through IP authentication. The 152 Consortium members consist of ICAR institutes/NRCs/Directorate/Project Directorates/National Bureau etc. and State Agricultural

Universities. CeRA is now the most sought after online platform by scientists/ teachers in NARS for literature search for their professional pursuit. To put it in a nutshell, CeRA acts like a catalyst to enhance agricultural research, education and extension activities of NARS institution in achieving excellence and setting high standards in output and service to the society. After the completion of NAIP project, CeRA is entrusted to ICAR – DKMA from July 2014 onwards.

Objectives of CeRA

- To upscale the existing R&D information resource base of ICAR Institutions/State Agricultural Universities comparable to world's leading institutions/organizations.
- To subscribe online journals/e-Resources and create e-access culture among scientists/faculty in ICAR institutions/Agricultural Universities.

Facilities provided by CeRA

- Access of about 3500 journals (National, International)/e-Resources through IP authentication
- Document Delivery Request System (DDR)
- Agristat

SKUAST Jammu libraries were continuously upgrading library IT infrastructure facilities for optimum utilization of electronic information resources consisting of Consortium of e-Resources in Agriculture (CeRA), EBSCO e-books, J-gate e-journals, online databases, for the improvement of research, extension and academic programmes.

Online library infrastructure facilities were upgraded by adding computer systems, resulting in enhanced utilization of electronic information. Local Area Networking in Computer Labs of library is extended in terms of number of nodes for accessing the above mentioned e-resources available in the libraries. The e-resources available in University libraries are also made accessible through remote access, whenever feasible during last five years for the benefit of faculty members, scientists, scholars and students. KOHA/RFID system is installed. Koha is an advanced open source automation solution, hence recommended by the ICAR system for adoption in all the agriculture institutes. Considering it to be the functionally advanced open source software Koha is a viable, scalable solution for university libraries. RFID (Radio Frequency Identification) is the latest technology used in library for enhancing security. RFID-based systems move beyond security to become tracking systems that combine security with more efficient tracking of materials throughout the library, including easier and faster charge and discharge, inventorying and materials handling. The use of RFID reduces the amount of time required to perform circulation operations. The most significant time savings are attributable to the facts that information can be read from RFID tags much faster and that several items in a stack can be read at the same time. The time savings are less for charging than for discharging because the time required for charging usually is extended by social interaction with SKUAST Jammu library members.

6.6.2.4. Centre for Excellence/Advance Studies/Center for Advanced Faculty Training

Centre of Excellence for Horticulture

The Centre of Excellence for Horticulture (Fruit) was sanctioned with a project cost of Rs 784.04 lakhs, and is being established at Advanced Centre for Horticulture Research (ACHR), Udheywalla under Indo-Dutch Cooperation with the aim to establish CoE on commercial lines with production of minimum 25 lakh perennial plants per year and training/capacity building of minimum 200 officers and 500 farmers per year. The infrastructure to be created are plant health clinic, diagnostic centre, quality control laboratory, high-tech nursery, insect proof house, shade net house, fertigation system, water harvesting system, post harvest handling unit including value addition etc. This work in the centre is being going on and is expected to be commissioned soon.

Objective of the Project

The main objective of the project is to demonstrate Hi-Tech cultivation for fruits, introducing high yielding varieties suitable for the state. The centre will provide opportunities for strengthening the infrastructure in respect of germplasm, human resource development and a comprehensive facilitation centre to give an impetus to the farming community for enhancement in quality production/productivity of fruit crops

Advance studies/Centre

a. Advance Centre for Rainfed Agriculture, Dhiansar

It was established in 2017 with the following objectives:

- Identification of climate resilient crops and varieties of dryland areas.
- Carbon sequestration and soil carbon augmentation.
- Diversified farming systems under rainfed ecosystem.
- Dryland farm advisory services.

Achievement: Developed 03 pulse varieties i.e. Jammu Lentil 144, Jammu Lentil 71, Jammu Lobia Super 60.

b. Advance Centre for Horticultural Research, Udheywalla

It was established in 2015 with the following objectives:

- Hi-tech horticulture nursery.
- Tissue culture facility for micro-propagation of horticultural crops.
- Bio-control laboratory.
- Demonstrations for high density orchard of guava, mango, citrus etc.
- Organic horticulture
- Horticulture training and advisory services.

Achievement: Bio control Laboratory is fully functional and is producing bioagents like Trichoderma, Pseudomonas. Tissue Culture Laboratory is also functional. Advanced trainings are also conducted for capacity building for line departments and other University scientists.

6.6.2.5. Incubation Center/Start up units/Venture capital

- Incubation Centre, SKUAST-Jammu, Chatha has been established in March 2019 under RKVY-RAFTAAR project and Agri Business Incubator is operational at Division of Agricultural Economics & ABM. It is an initiative to encourage young minds to come with innovative ideas in the field of agribusiness and to develop an agriprenurship ecosystem. Under this project there are two Agriprenurship Development Programmes namely UDGAM (Pre-Seed Stage Funding) and PRAGATI (Seed Stage Funding) with grants-in-aid to the tune of 5 lakhs and 25 lakhs, respectively.

List of incubation start up units set up by the SKUAST-Jammu on technologies generated:-

S. No	Name of start-up	Focus area	Participant	Program	Funds Recommended
1.	Saptkrishi Scientific Pvt. Ltd.	Post harvest Management	Nikky Kumar Jha	PRAGATI	22 Lakh
2.	Salutem Ridegear Apparels Pvt. Ltd	Agri Input	Bhavishya Devgun	PRAGATI	16 Lakh
3.	JK Aromatics and Herbs LLP	Waste Management	Payal Sharma	UDGAM	5 Lakh
4.	Vaatika Agro Services	Horticulture (High Quality seedlings)	Vivek Sharma	UDGAM	5 Lakh
5.	Kdhariwal Agrotech & It Services Pvt. Ltd.	Agri Input (Organic/Natural Manure)	Kuldeep Dhaliwal	UDGAM	5 lakh
6.	M/s JK Agro 370 infotech	IoT (E-trading)	Vijay Kumar	UDGAM	3 Lakh
7.	Devadar Ventures Pvt Ltd.	IoT in Agriculture	Mr. Lalit Mohan	PRAGATI	25 Lakh
8.	BB&GG Group Pvt Ltd.	Agri Input	Mr. Ahmer Shah	PRAGATI	20 Lakh
9.	Boom N Buzz Technologies Pvt. Ltd	Post-Harvest Management	Mr. Buddha Burman	PRAGATI	12 Lakh
10.	Manukrishi Pvt. Ltd	Animal Nutrition	Ms. Mansi Sharma	UDGAM	5 Lakh
11.	Eathernfrost	Post-Harvest Management	Ms. Shakshi Verma	UDGAM	5 lakh
12.	M/s Superfood Organics	Food Processing and value addition	Mr. Mohd. Asif	UDGAM	5 Lakh
13.	Urban Hills Agro Tech	Food Processing and value addition	Mr. Dharun Sharma	UDGAM	5 Lakh
14.	Octaflyte Tecnologies Pvt Ltd	IoT & AI in agriculture	Mr. Upkar	UDGAM	5 Lakh

6.6.2.6. Technology Enabled Learning Resources

The faculty members are well versed with hands on technology enabled learning resources.

Infrastructure Available

- **Smart Class Room:**
The smart class room connected with smart board, wifi, projector, audio system.
- **Data Centre:**
The University has established full fledged Data Centre with computer lab and server.
- **E-Courses:**
The e-courses is offered through e –resources and the instruction and content of courses provided to students digitally.
- **E Studio:**
The University has E-studio with Digital Cameras, recording room, editing panel, audio system.
- **App:**
The university has launched two apps namely kisan android app and Kisan Hitshi portal wherein information on very aspect is available for students, farmers etc in digital form
- **Univeristy website:**
The university website also hosted e-courses for students. Through e-course, the digital content of courses is made available to students and faculty.
- **Weather Advisroy:**
Real time weather forecasting and weather data is made available.
- **You Tube Channel:**
The technology embedded expert lecturer is uploaded in University You tube channel which can be accessed by students, farmers and others.
- **Slide Share:**
Slide Share is also used by the faculty members of sharing the knoweldege with students and others.
- **Academic Management System:**
The University has developed the Academic Management System with the help of ISARI, New Delhi for online registration, moionotring and tracking of students' records, etc.

The periodic review of the digital services and infrastructure is being conducted by the concerned head of unit for monitoring.

6.6.2.7. Integrated Learning Systems (Experiential Learning):

The experiential learning programme on beekeeping, mushroom cultivation and spawn cultivation, Hi-tech nursery for horticultural crops and Urban Animal Care Clinic and Pet care Services have been implemented in the University. The details are as follow:

S No.	Name of the College/ Department	Title of the Experiential Learning Module	Year of establishment	Total number of students trained	Total Income generated (Rs in Lakhs)	No of students taking up entrepreneurship
1	Division of Fruit Science	Setting up of facilities for hands on training on "Hi-tech Nursery for Horticultural Crops	2006-07	128	0.87	01
2	Division of Plant Pathology	Mushroom Cultivation and Spawn Production	2014-15	105	0.40	02
3	Division of Entomology	Beekeeping	2011-12	107	0.60	02
4	Division of Entomology	Plant clinic	2011-12	356	Nil	Nil

Experiential Learning Programmes (B.V.Sc. & A.H.)

Name of PI	Title of Project	Funding agency	Year of start	Duration	Amount sanctioned	Revenue generated (2016-2020)
Dr. J.S. Soodan	Urban Animal Care Clinic and Pet care Services	ICAR	2015	Ongoing	95.00 lakhs	Rs. 2,42,095

6.6.2.8. Academic Industry Interface

To promote innovation and creating employment and entrepreneurial opportunities in agriculture and allied sectors, Industry-Academia linkages play an important role. This Industry-Academia collaboration provides the students an excellent opportunity to develop analytical and entrepreneurial skills, and knowledge through meaningful hands on experience, confidence in their ability to design and execute project work. School of Biotechnology, SKUAST-Jammu has developed a liaisoning with the industries such as Cadila Pharmaceuticals Pvt. Ltd, Sun Pharma Pvt. Ltd, Lupin Pvt., Novozymes Pvt. Ltd, Ravenbehl Pvt. Ltd, Cipla Pvt Ltd, etc. pertaining to their specific enterprise. The students carried out their project work in the industry for one full semester. For each student, one Advisor from the University and one

Advisor from industry are allotted for supervision during the project work. Before going for project work in the industry students prepare their plan of work and make the presentation before the faculty members. During the project work students are exposed with identifications of problems in experimental setup and project preparation.

The MBA (Agri-Business Management) is a 2 year full time degree programme spread for four semesters. During the first year the programme undertakes the teaching on core courses Agribusiness Environment, Management and Organizational Behaviour, Managerial Economics, Accounting, Production and Operation Management, Human Resource Management, Marketing Management Communication of Management and Business, Research Methodologies in Business Management, Business Laws and Ethics, Financial Management, International Trade and Management Information System besides summer internship/industrial attachment are planned for improvement of the managerial capacity through practical approach having exposure to application of knowledge with the output of preparing the report. During the second year, the core courses as Agri Supply Chain Management, Project Management and Entrepreneurship Development and Strategic Management coupled with optional and elective package of courses offered for the specialization in subject area of interest. During the second semester, the students have to complete 5-6 weeks summer internship program in which they are attached with different industries on the basis of their area of interest. Our industrial partners for the summer internship are as follow:

1. JKMPCL, Jammu and Kashmir
2. Karamhans Foods Pvt. Ltd.
3. J&K Bank
4. Sarveshwar Overseas Ltd.
5. Big Bazar, Jammu
6. KC Biscuits
7. Coca-Cola
8. NABARD
9. Dabur
10. Britannia
11. Verka
12. Uflex Ltd

6.6.2.9. National Ranking (ICAR/MHRD)

The ICAR ranking for SKUAST-Jammu is given as:

Year	ICAR ranking of SKAUST-Jammu
2016-17	15 th
2017-18	24 th
2018-19	-
2019-20	37 th

6.6.3. Research Support

6.6.3.1. Research Council

Composition of the research council

1. Vice-Chancellor	Chairman
2. Director, Agriculture Department, Jammu	Member
3. Director, Horticulture Department, Jammu	Member
4. Director Sheep Husbandry, Jammu	Member
5. Director Animal Husbandry, Jammu	Member
6. Director Command Area Development, Jammu	Member
7. Director of Fisheries, Jammu	Member
8. All the Directors of the University, Jammu	Members (Director Research Member Secretary)
9. All Deans of the Faculties	Members
10. All Heads of Divisions/Regional Stations/Colleges	Members
11. Two Eminent Scientists of eminence from outside to be nominated for particular meetings by the Vice-Chancellor for their specialized knowledge of subject or subjects on the agenda of the meeting	Members
12. Director Planning & Monitoring	Member

The Research Council Meetings organized by Directorate of Research during 2015 to 2021 are as follows:

S. No.	Research Council Meeting	Date
1.	15 th Research Council Meeting	27 & 28 th November, 2015
2.	16 th Research Council Meeting	9 th March, 2017
3.	17 th Research Council Meeting	20 th March, 2018
4.	18 th Research Council Meeting	30 th October, 2018
5.	19 th Research Council Meeting	9 th March, 2019
6.	20 th Research Council Meeting	7 th January, 2021

6.6.3.2. Directorate of Research

The Directorate of Research, SKUAST-J came into existence at Rail Head Complex, office of the University with its establishment on 20th September, 1999. The organizational set-up of the Directorate distinctly looks after technical, financial and administrative management, a number of on-campus and off-campus research centres. Director Research being the head of the set-up is assisted by the affiliated staff comprising Associate Director's and Dy. Director Research. The off-campus research stations have Associate Directors and Officer-in-charge for planning and execution of mandate of these centres. Directorate of Research as a unit has the mandate to capitulate the research programme for the University through identification of researchable issues pertaining to Jammu region of UT of J&K as well as national interest. It also facilitates the development of various research proposals, their execution and implementation. Besides this, it also ensures the benefit of research initiatives to the common man through regular monitoring and evaluation. A close linkage is being maintained between research carried out at the campus level and research stations which is monitored by apex bodies of the Directorate like Research Council Meeting (RCM) and Research Evaluation Committee (REC). Research linkage is also maintained with line departments of the state *viz.*, Agriculture, Horticulture, Animal Husbandry, Sheep Husbandry etc. through Zonal Research and Extension Advisory Council (ZREAC) and Research Council Meetings (RCM) of the University.

Main mandates are as under

- Identification of Researchable Issues
- Prioritization of Researchable issues
- Development of Research Programs
- Coordination of University Research Activities
- Implementation, Monitoring and Evaluation of Research Programs

Staff Position

- Director Research - 01
- Associate Director Research - 01
- Deputy Director Research - 03
- Assistant Director Research - 01

Research Coordination Mechanism

Research system of the University has been set up on the basis of agroclimatic zones *viz.*, Subtropical, Intermediate and Temperate Zones. It has 3 faculties, 9 Research Stations and Sub Stations.

University has created research fund where the scientists are motivated to take up small research projects on location specific researchable issues. For research coordination, University conducted Research Council Meetings (RCM) twice a year and Research Evaluation Committee Meeting (REC) twice a year where University evaluated new varieties/technologies/new machineries for the region. University has Seed and Planting Material Cell (SPMC):

- Formulate and implement the seed production plan of the University.
- Maintain the seed and planting material production statistics.
- Monitor the seed production programmes including the functioning of Mega Seed Project.
- Regulate the sale of R&D products through University Sale Counter.

It is worth mentioning that in rice, traditional Basmati 370 is the farmers preference and that identity of basmati has to be maintained (as also a priority area of the government). Plant breeders including biotechnologists are involved in the process of improvement of traditional Basmati with a view to maintain genetic diversity and any outbreak of major disease/pest foreseeing the genetic vulnerability towards the evolution of any super race of pathogen.

Similarly, the major wheat growing region of Jammu falls in the North-Western Plain Zone of India which includes the wheat growing bowl of India including Punjab, Haryana, Western UP, Delhi and parts of Rajasthan. The University released varieties with good yield and resistance traits that have to compete with other major centres that have a strong seed producing system including private partnership. Procurement of seed of such varieties is the opted way for the farmers and other seed producing machinery of the state thus lesser demand of University released varieties which can be strengthened by increased indent from state government.

However, the Division of PBG has been producing the seeds of most University released varieties including SJR 129, SJR 5, Giza 14 and Basmati 370 as per the indent received. Similarly, the seed of recent wheat variety JAUW 584 has an indent of 10 quintals from Department of Agriculture in 2020-21 which can produce 200 quintals of foundation seed in the following season.

S. No.	Kind of plants	Planting material/seed produced at RHRSS, Bhandarwah				
		2016-17	2017-18	2018-19	2019-20	2020-21
1.	Apple	5646	3520	4000	4000	4000
2.	Peach	167	140	120	150	400
3.	Nectarine	190	60	400	400	450
4.	Plum	140	80	350	300	120
5.	Apricot	200	140	200	200	500
6.	Walnut /Almond	140	150	150	200	100
7.	Persimmon/Cherry	100	160	500	700	200
8.	Rajmash seed	180 kg	61 kg	10 kg	20 kg	25 kg
9.	Strawberry runners	40,000	47500	40,000	40,000	15000

Breeder Seed Production (q)

Year	2015-16	2016-17	2017-18
Rice	7.40	18.00	11.65
Wheat	0.00	64.35	66.40

Quantity of Breeder seed production (2019-2020)

S. No	Name of variety	2019-20 (kg)	2020-21(expected)(kg)
1	SJR 129	200	150
2	SJR 5	50	25
3	Giza 14	140	100
4	Basmati 370	200	200
5	RR 564	-	10
5	JAUW 584	350	10
6	RSPN 25	68	100
7	RSPT 6		100
8	RSPR 69		100

Faculties

- Faculty of Agriculture, Chatha
- Faculty of Basic Sciences, Chatha
- Faculty of Veterinary Science & Animal Husbandry, R.S Pura
- School of Biotechnology, Chatha, Jammu
- Research Stations (09)

I. Project Monitoring and Evaluation Cell (PME Cell)

- The Cell monitors the physical and financial progress of various on-going research projects in the University.
- PME cell coordinates the correspondence between funding agencies and Principal Investigators.
- Maintains the data base of all publications, technologies developed, IPRs, Consultancies, Projects undertaken in the past 10 years and on-going projects. It also compiles the status report of the research projects.

II. Seed and Planting Material Cell (SPMC)

- Formulate and implement the seed production plan of the University.
- Maintain the seed and planting material production statistics.
- Monitor the seed production programmes including the functioning of Mega Seed Project.
- Regulate the sale of R&D products through University Sale Counter.

III. Intellectual Property Right (IPR Cell)

- Framing of IPR policy, regulation and guidelines for the state.
- To conduct awareness cum sensitization workshop among farmers and officials of KVKs and line departments for the protection of landraces, farmers plant varieties, (extant and new) and the rights of farmers and plant breeders under “The Protection of Plant Varieties and Farmers’ Rights (PPV&FR) Act, 2001.
- Registration of released and notified varieties / hybrids with plant authority.

IV. Off campus Research Stations/ sub stations: 08

- Advance Centre for Rainfed Agriculture, Dhiansar
- Advance Centre for Horticultural Research, Udheywalla
- Regional Agricultural Research Station, Rajouri
- Pulses Research Sub-Station, Samba
- Regional Horticultural Research Sub-Station, Doda.
- Rainfed Research Sub-Station for Sub-Tropical Fruits, Raya
- Maize Breeding Research Sub-Station, Poonch
- Maize Research Centre, Udhampur

V. On campus Research Stations/ sub stations: 01

- Organic Farming Research Centre, Chatha

Themes / priorities of Research Stations

Advance Centre for Rainfed Agriculture, Dhiansar

- Identification of climate resilient crops and varieties of dryland areas.
- Carbon sequestration and soil carbon augmentation.
- Diversified farming systems under rainfed ecosystem.
- Dryland farm advisory services.

Advance Centre for Horticultural Research, Udheywalla

- Hi-tech horticulture nursery.
- Tissue culture facility for micro-propagation of horticultural crops.
- Bio-control laboratory.
- Demonstrations for high density orchard of guava, mango, citrus etc.
- Organic horticulture
- Horticulture training and advisory services.

Regional Agricultural Research Station, Rajouri

- Identification of diversified farming systems.
- Development of forage varieties.

Pulses Research Sub-Station, Samba

- Development of drought tolerant varieties of chickpea and blackgram
- Seed production through participatory approach.

Regional Horticultural Research Sub-Station, Bhaderwah

- Identification of quality material for high/medium density plantation in apple /walnut.
- Budding/grafting technology for apple / walnut.
- Integrated improvement of Bhaderwahi Rajmash.

Rainfed Research Sub-Station for Sub-Tropical Fruits, Raya

- Establishment of high pedigree mother block of Aonla, Kagzi Lemon, and Phalsa.
- Moisture conservation technology in Kandi areas.
- IDM / IPM / INM in sub-tropical fruits.

Maize Breeding Research Sub-Station, Poonch

- Development of climate resilient varieties of maize.
- Maintenance breeding

Maize Research Centre, Udhampur

- Development of maize hybrids for Jammu province.
- Collection of genetic resources and their maintenance.

Organic Farming Research Centre, Chatha

- Standardize organic farming management practices for major agricultural and horticultural crops of Jammu region through multidisciplinary approach.
- Development and Evaluation of organic inputs in relation to soil health and eco-friendly crop management.
- Entrepreneurship Promotion and capacity building through skill up gradation.

Research achievement

Inventory of Research Projects operational at SKUAST-Jammu

S.No.	Year	No. of Projects	Budget (Crores)
1	2015-16	106	36.58
2	2016-17	124	44.43
3	2017-18	127	45.26
4	2018-19	128	43.5
5	2019-20	117	40.5
6	2020-21	82	62.5

List of funding agency of externally funded research projects

S. No.	Funding Agency	Number of Projects
1.	Department of Biotechnology, GoI	17
2.	Department of Science & Technology, GoI	24
3.	Deptt. of Atomic Energy, Board of Research in Nuclear Sciences	02
4.	Directorate of Agriculture, Talab Tillo, Jammu	01
5.	Horticulture Mission for North East Himalayas , GoI	02
6.	<u>All India Coordinated Research Project</u> (Long Term ICAR)	13
7.	All India Coordinated Research Project Main Centre's (ICAR)	10
8.	AICRP , Voluntary Centers , (ICAR)	13
9.	Ministry of Human Resource Development	01
10.	ICAR Extramural Projects, GoI	01
11.	ICAR Network projects GoI	08
12.	Indian Meteorology Department, GoI	01
13.	J&K State Govt. Under Plan Funds (STF)	01
14.	Ministry of Human Resource Development, GoI	01
15.	Ministry of AYUSH,GoI, FoA, Wadura	01
16.	National Mission for Sustainable Agriculture (NMSA)	01
17.	National Medicinal Board, New Delhi, GoI	01
18.	National Bank For Agriculture and Rural Development ,GoI	01
19.	National Food Security Mission , GoI	01
20.	National Horticulture Board, NHB, GoI	01
21.	National Mission on Himalayan Studies (NMHS)	01
22.	Ministry of Human Resource Development, Deptt. of Higher Education	01
23.	Rashtriya Krishi Vikas Yojna, GoI	12
24.	RKVT-RAFTAAR	01
25.	Sub-Mission on Agricultural Mechanization	01

CROP VARIETIES RELEASED FROM SKUAST-JAMMU

SKUAST- Jammu has developed 40 varieties in different field crops, with improved agronomical traits including resistance to insect pests and diseases. The released varieties include 08 of rice, 05 of wheat, 02 of maize, 08 of oilseeds, 05 of pulses, 09 of vegetables and 03 of mango, walnut, pecan nut fruit crops. During 2015, on words University developed 24 varieties.

i. VARIETIES RELEASED IN 2017

Crop	Variety	Sponsoring Authority	National Identity
Rice Basmati	Jammu Basmati 129 (SJR 129-2-2)	SKUAST-J	IC-623328
Wheat	Jammu Wheat 584 (JW 584)	SKUAST-J	IC-623326
Maize	JMC-3 (PMSY 3)	SKUAST-J	IC-623329
Toria	RSPT-6 (TCN 13-9)	SKUAST-J	IC-623330
Raya	RSPR-69 (MCN-04-35)	SKUAST-J	IC-623331
Coriander	Jammu Coriander-07	SKUAST-J	IC 625731
Mango	Jammu Mango (Selection-05)	SKUAST-J	IC 625734
Okra	Jammu Okra-05 (Seli Special)	SKUAST-J	IC 625732
Broccoli	Jammu Broccoli-07 (Early Green)	SKUAST-J	IC 625729
Spinach Beet	Jammu Spinach Beet-07	SKUAST-J	IC 625730
Fenugreek	Jammu Fenugreek-07	SKUAST-J	IC 625733

Major features of varieties

1. Toria (RSPT-6)

RSPT-6 matures in 85-90 days. It gives average yield of 10-12 quintal per hectare with oil content of 42.0 %. It is moderately resistant to aphid infestation, Alternaria blight and White rust.



2. Raya (RSPR-69)

It is early maturing (by 8 days) than check varieties. It matures in 135-145 days. The plants are tolerant to lodging. It is moderately resistant to aphid infestation and *Alternaria* blight and White rust. It has average seed yield of 15-16 quintal per hectare with oil content of 39.4 %.



3. Rice

Basmati 129

Basmati 129 is a high yielding ($40-45 \text{ q ha}^{-1}$) aromatic variety of basmati rice. It is resistant to lodging due to its short stature and moderately resistant to stem borer, leaf folder and bacterial leaf blight. It matures 15 days earlier with yield superiority of more than 15% over Basmati 370.



4. Wheat Variety JAUW 584

It is suitable for timely sown irrigated conditions of Jammu province. It is high yielding ($45-52 \text{ q ha}^{-1}$) with superiority upto 10.47 per cent over the check (PBW 343). It is moderately resistant to yellow and brown rusts. It has excellent grain characters (bold grain, semi hard to hard texture, amber colour seed) with high protein content (12.06%). It matures in 140-155 days.



5. Maize: Jammu Maize composite (JMC 3)

Jammu Maize Composite-3 is yellow grain composite distinguishable through its morphological features such as small leaf angle, semi-drooping leaf attitude, canico-cylindrical ear shape and semi flint yellow grain type. The variety has average potential yield of 50-60 q h⁻¹. It takes 130-135 days to maturity under mid hill ecology of Jammu region.



6. Mango (Selection-5)

Selection-5 (Jammu Mango) has been made from the mango tree of seedling origin. It flowers in the 3rd week of February with full bloom in first week of March. It is moderately resistant to mango malformation at flowering stage and has higher fruit set (14.66 per cent) with 446.75 number of fruits per tree which yields to 85 q ha⁻¹ at spacing of 10 x 10 m. It has total soluble solids of 18.91^o Brix and 14.68 percent of total sugars. The Selection-5 is also tolerant to drought during fruit set and fruit development which results in large fruit size and higher yield therefore, suitable for cultivation under rain-fed / kandi areas of Jammu sub-tropics.



7. Broccoli: (Jammu Broccoli-07) (Early Green)

Broccoli variety Early Green is a selection from KTS-1, maturing in 75-80 days. The variety is suitable for all zones of the state particularly sub-tropical conditions of Jammu where it has adapted to produce seed also. It produces dark green colored curds of the size of 120-140g and produces 7-8 lateral shoots of the size of 50-70g per plant after harvesting of main curd. The variety has yield potential of 180-200q/ha. Plants show dark green leaves with wavy margins. The variety is moderately resistant to prevalent diseases and pests.



8. Coriander: Jammu Coriander-07

Khushboo is high yielding selection of coriander from indigenous material. Leaves are dark green and rich in fragrance. It is late bolting and multi-cut variety with yield potential up-to 150q ha⁻¹. This variety can easily be distinguished by its semi spreading plant type with dark green leaves. The crop is ready for first cut after 35-40 days of sowing, giving at-least four cuts within a cropping period of 100-110 days.



9. Okra (Jammu Okra-05)

The variety Seli Special has been developed through hybridization (Varsha Uphaar x VRO-05-01). The fruits are dark green in colour, medium in size and the fruits remain tender for vegetable purpose for even 4-6 days after attaining optimum stage. The plants are medium in height (90-100 cm) with short intermodal distance. First flower appears at 3rd to 4th node making it early fruit bearing variety. The plants bear 25-30 fruits with average fruit weight of 10-15 g. It has yield potential of 100-150q/ha. Seli Special is field resistant to yellow vein mosaic virus.



10. Fenugreek (Jammu Fenugreek -07) (Kasuri Supreme)

Fenugreek var. Kasuri Supreme is selection from local indigenous material. It has plant height of 45-60 cm, dark green, broad lobed leaves. It is bushy type and ready for first cut after 30-35 days of sowing. It is a multi-cut variety giving 4-5 cuts in rabi season each at 25-30 days interval. It has an average yield potential of 200-250 q ha⁻¹. It is moderately resistant to prevalent diseases and pests.



11. Spinach beet (Jammu Spinach Beet-07)

C-13 is a selection from 13 diverse genotypes collected from different parts of the country. It is a multi-cut, short duration variety with smooth dark green leaves. The plant type is erect with a plant height of 35 - 45 cm. The crop is ready for first harvest after 25-30 days of sowing and subsequent cuts are taken after 20-25 days. For green leaves, 4-5 cuts can be taken within a span of 120-130 days. It has an average yield potential of 250-300 q/ha. The variety is moderately tolerant to blight and *Alternaria* leaf spot.



ii. VARIETIES RELEASED IN 2020

The salient features of varieties released are as under:

1. Jammu Basmati 118

- Jammu Basmati 118 (IET 27733) is having yield potential of 45q/ha which is 20-25 % higher than Basmati 370



Jammu Basmati 118

- It has outperformed the checks by registering a yield superiority of 15.67 and 29.95 per cent over Pusa Basmati 1 and Pusa Basmati 1121, respectively in AICRP trials.
- It is an early maturing variety which matures 25 days earlier to Basmati 370
- Jammu Basmati 118 is a lodging resistant with plant height of 130-135 cm.
- Jammu Basmati 118 (IET 27733) has high hulling (79.77%), milling (71.70%) and head rice recovery (HRR) (61.00%).
- Jammu Basmati 118 fulfils all the international standards of basmati export
- The variety is moderately resistant to bacterial blight, leaf blast, sheath rot and brown spot
- Basmati 118 showed moderate resistance to stem borer and leaf folder
- Long slender grain with grain length on average 7.20 mm
- Cooked grain non-sticky aromatic with amylose content of 23%

2. Jammu Basmati 123

- Basmati 123 (IET 27718) is having yield potential of 40q/ha which is 15-20 percent more than yield of Basmati 370
- Outperformed the checks by registering a yield superiority of 14.04 per cent over Pusa Basmati 1121 in national trials
- The variety has high hulling (79.03%), milling (73.49%) and head rice recovery (HRR) (69.09%)
- Panicle compact
- Grain, long slender, aromatic with average kernel length 6.8mm
- Jammu Basmati 123 meets all the international standards of basmati export
- moderately resistant to Bacterial blight, leaf blast and brown spot
- This variety can be an alternative of Basmati 370 in Jammu and Kashmir
- Jammu Basmati 123 is well performing in all the Geographical Indication (GI) districts of basmati rice such as Jammu, Samba and Kathua



3. Jammu Basmati 138

- Basmati 138 (IET 27725) is having yield potential of 42q/ha which is 20-25 percent more than the potential yield of Basmati 370.
- It has outperformed the checks by superiority 19.02 per cent over Pusa Basmati 1121 in AICRP trials.
- The variety has high hulling (78.68%), milling (72.49%) and head rice recovery (HRR) (66.59%).
- Basmati 138 meets all the international standards of basmati export
- Bacterial blight, leaf blast and brown spot are serious and major diseases in our state and Basmati 138 (IET 27725) was found moderately resistant to these diseases.
- Basmati 138 (IET 27725) showed moderate resistance to stem borer and leaf folder compared to checks and other entries tested in the trials.
- Grain long slender with grain length 6.81 mm
- Cooked rice grain non-sticky with medium amylose content of 23.2%
- Highly aromatic with score of 9.
- Test weight is 23.0 g with score of 5.

4. Jammu Radish 45

- Jammu Radish 45 (CR 45) has yield potential of 350q/ha with superiority over check by 20-25%
- Tap root snow white in color and invariably show root elongation of 30- 40 cm under optimum environment
- Early in maturity as ready for marketing in just 40-45 days
- The variety is late bolting so provides a large buffer period for marketing to farmers
- Favors high cropping intensity sequences with crop rotation efficiency of 400-500%.
- As root production crop, entire period is free from diseases and pests so ecofriendly variety
- Responds very well to organic nutrient management so recommended for organic cultivation
- Jammu Radish 45 (CR 45) is resistant to forking behavior
- A self-compatible open pollinated variety, flower white with tinge of violet streaks, prolific siliquae bearing.



5. Broad bean SJJB-01 (RK-01)

- The proposed variety SJBB-01 is erect type.
- It is a mid duration variety attaining plant height of 150-160 cm in open field conditions.
- No. of pods/plant ranges between 75-80 with average pod length of 5-6 cm.
- The seed germinates in 7-9 days after sowing and the variety gives first picking in 95 – 100 days.
- It gives average yield of 80-100 q/ha.
- The variety can withstand harsh weather and cold climates and can be grown in high saline clayey soils
- The variety is performing consistently over the years at various locations of Jammu region



6. Cherry Tomato SJCT-01

- Cherry tomato variety SJCT-01 can set fruits in hot temperature between 35.0 – 40.0 °C and cold set showing fruiting at temperatures 10 – 15 °C.
- Shows field resistance to nematodes and moderately tolerant to fruit borer.
- Suitable for cultivation under both open and protected conditions.
- Average fruit yield: 300 – 350 q/ha.
- SJCT-01 is high yielding and early type of variety, tolerant to insect pest and diseases in Jammu region
- Gives first picking in 35 – 45 days after transplanting.
- There is no variety of cherry tomato in the region



7. Rajmash BR-104

- BR-104 is superior in grain yield in comparison to local check by 30-40%.
- Grain yield potential is 6.0-8.0 q/ha
- 1000 seed weight lies between 250-350g.
- Seed is bold and shining maroon in color
- On cooking, preparation is reddish and gives characteristic flavor
- Asynchronous flowering, white flower and solitary
- Indeterminate type with climbing habit.
- Adopted to grow as intercrop with maize in kharif season
- Acclimatized to temperate zone
- Plant remains green till maturity



8. Walnut Variety GL 0109

- High yielding potential of 65+5.0 kg fruit nut per tree at age of 20± 1 year
- Bears fruit in clusters of 2-5
- Red blush on fruit hull
- Jumbo size fruit with thin shell and weak pad on suture
- Light brown kernel with recovery of 60+2.0%
- Adaptation range in the high altitude of 1700+200 metres.
- Tolerant to anthracnose
- Bearing habit intermediate
- Early maturing at lower elevation
- Numerical rating for export related traits 9.25 out of 10 (J&K Walnut Exporter Association)



9. Jammu Lentil 71

- Jammu Lentil 71 has yield potential of 16-18 qtl/ha
- Exhibits 50.7% superiority of higher grain yield over check variety PL 406
- The variety is 12-15 days earlier in maturity over check variety PL 406
- Resistant to diseases like wilt, root rot and also resistant to pod borer and aphids
- Climate resilient variety of lentil due to earlier in maturity and matures in 140-145 days
- Synchronous in maturity, determinate growth habit and no pod shattering takes place
- Highly preferred and accepted by the farmers due to small seeds *i.e.* microsperma type.
- Microsperma seeds, light brown in colour with cotyledon pink in color
- High protein content that is 24%
- Lodging resistant due to dwarf plant stature of 40-50 cm.



10. Jammu Lobia 60 (Lobia Super 60)



- An extra early variety, matures 25-27 days earlier as compared to local check
- Superiority of grain yield over local check 44 to 50%
- Grain yield potential is 12.0-12.5 q/ha
- Field Resistant to YMV, *Fusarium oxysporum* and Pod borer
- Light brown colour grain of medium size with 1000 grain weight 120 -130 g.
- Lodge resistant due to dwarf plant stature
- Synchronous maturity with determinate growth habit
- Prolific pod bearing variety
- No pod shattering takes place
- 1000 grain weight is 120-130g and seed size is medium

11. Jammu Lentil 144



- Climate resilient variety with maturity period 122-125 days
- Yield potential of 16-16.5 q/ha
- An exhibited earlier in maturity by 25-30 days over regional check PL 406
- In general, 17.21% higher in grain yield over regional check PL 406
- Field resistant to Wilt, Root Rot, Pod Borer and Aphids
- Suitable for cultivation under rainfed ecology of Jammu region of Union Territory of J&K
- Seeds are *microsperma* type light brown in colour, very good choice of consumers
- High protein content (24 %)
- Lodging resistant due to dwarf plant stature of 50-60cm
- Synchronous in maturity with determinate growth habit and having no pod shattering.

12. Pecan nut SKJPP 25

- SKJPP25 yields 48 kg/tree which was higher than popular commercial cultivars. It was 29.73 % more than Cv. Mahan, 45.45 % more than Cv. Schley and 60% more than Cv. Burkett.
- Oil content in SKJPP25 is 74.87 % which was 16.87 % more than Mahan, 17.17 % more than Schley and 12.25% more than Burkett.
- Kernel weight of SKJPP25 is 6.41 g which is 71.61 % more than Mahan, 135.6% more than Schley and 137.4 more than Burkett.
- Nut weight of SKJPP25 is 8.08 g is 50.46 % more than Mahan, 110.97 % more than Schley and 86.60% more than Burkett.
- Shell thickness is 1.40 mm which is 17.65 % more than Mahan, 38.61% more than Schley and 12.90 % more than Burkett.
- SKJPP 25 is high in vitamin content (0.67 mg/100g Vit. B1, 0.24 mg/100g Vit. B6 and 25.23 mg/100g Vit. B9)
- SKJPP 25 has high Antioxidant capacity (ORAC assay 828.00 $\mu\text{mol TE/g}$) and (DPPH free radical assay 140.23 mg TE/g)
- SKJPP 25 is high in mineral content (73.34 mg/100g Ca, 122.93 mg/100g Mg , 4.84 mg/100g Zn , 15.50 mg/100g Cu and 9.47 mg/100g Mn)
- Acclimatized to Temperate Zone.
- It is free from walnut weevil.



%



6.6.3.3. Technology Developed by SKUAST-J and its Adoption

S. No.	Technologies
1.	Diversified Crop Sequences for Jammu region
2.	Direct Seeded Rice (DSR) technique
3.	Zero-till Technology for Wheat cultivation
4.	Rejuvenation techniques for Grazing Lands
5.	Ring-pit Planting Method for Sugarcane
6.	Vermi-composting- Use of farm waste and weed flora
7.	Zn and B for better crop yield
8.	IPM for Vegetables crops
9.	Management technique of <i>Varroa destructor</i> Mite
10.	Biological Suppression of Anar Butterfly

11.	Round the Year Cultivation of Mushrooms in Jammu province
12.	Integrated nutrient management in vegetable crops
13.	Commercial Nursery Production Technology
14.	Vegetable (knol-khol) Seed Production technology
15.	Hybrid seed production technique in Tomato
16.	Mass scale Micro propagation technique in Ginger
17.	Mass scale Potato multiplication through micro tubers technique
18.	Hybrid Seed Production In Vegetable Crops
19.	Round the Year: Knolkhol production
20.	Mass multiplication of Lilium through Micropropagation technique
21.	Silk Cocoon Production- Chawki Rearing Technology
22.	Hybrid seed production in Maize
23.	Nutrient mapping of Soil
24.	Zinc fortified phosphorus fertilizer for better crop yield
25.	Real time nitrogen management in rice
26.	Production Economics of niche area crops
27.	Fibre- Rich Oat-Wheat Flour Blended Biscuits
28.	Brown Rice Based Weaning Food for growing children's
29.	Weeding-Cum- Earthing Up Equipment
30.	Motorized Paddy Thresher for Hilly Area
31.	Automatic Timer Based Device for Sprinkler System
32.	Soil compaction measurement device
33.	Crop Diversification/intensification- under irrigated conditions of Jammu
34.	Integrated Farming System Model for small and marginal farmers.
35.	SRI for basmati rice
36.	Weedy Rice (Chauba) Management technology in Transplanted Rice
37.	Stress mitigation in mustard
38.	Laser leveling technique of agricultural fields
39.	Multiple water use model for Waterlogged Areas of Jammu region
40.	Micro- Irrigation in Potato Production
41.	Climate Resilient varieties development techniques
42.	Mustard aphid management through Biopesticides
43.	Suppression of Mustard aphid through organic and inorganic plant nutrition
44.	Commercial production of Bio-control agents
45.	Insect pest and diseases management through NSKE
46.	Organic Guava Cultivation
47.	Anardana cultivation in mid hill zone
48.	Single Cross Hybrid Seed Production technique of Quality Protein Maize

49.	Rainwater harvesting for high value crops in mid hill region
50.	DNA fingerprinting of basmati rice
51.	Mass scale Micropropagation of Peppermint
52.	Varietal identification in crops using DNA markers
53.	Olive Crop Production Technology
54.	Participatory Technology Development for Olive un-fruitful management in mid Hills
55.	Mitigation of Stripe rust disease of wheat through host resistance and fungi toxicants.
56.	Management of rhizome rot diseases of ginger
57.	Management of rhizome rot disease of ginger through Organically.
58.	Exotic Vegetables cultivation for Subtropical Plains /Low Hill Regions
59.	Hybrid Seed Production In Vegetable Crops
60.	Vegetable Forcing Technology
61.	Preparation of karonda fruit powder
62.	Multi-grain extruded products from chickpea and rice
63.	Commercial Fruit Nurseries
64.	Weed management in Zero-tillage wheat
65.	Weed Management in rained maize
66.	Weed management in summer blackgram
67.	Condensed tannins enriched multi-nutrient blocks For Livestock Productivity
68.	Early diagnostic markers for the diagnosis of bovine mastitis
69.	Management of mastitis in dairy animals
70.	Tick management techniques
71.	Embryo transfer technology in Sheep
72.	Zoonotic diseases management
73.	Heat stress amelioration in dairy cattle by showering
74.	Turkey production under intensive and semi-intensive rearing system
75.	Management of intussusception in cattle
76.	Value added livestock products
77.	Molecular Detection of <i>Streptococcus agalactiae</i> in Cattle Milk

6.6.3.4. RESEARCH PUBLICATION (2016 to March, 2021-NAAS > 5)

2016

S. No.	Details of published paper	NAAS rating
1	Abrol, V., Meni Ben-Hur, Frank G. A. Verheijen, Martinho A. S. Martins, Haim Tenaw, Ludmilla Tchekansky, Ellen R Graber 2016. Biochar effects on soil water infiltration and erosion under seal formation conditions: rainfall simulation experiment. <i>Journal of Soils and Sediments</i> . 16 : 2709-2719.	8.67
2	Ahamad, S., Lal, B., Sinha, A., Sharma, A. and Sharma, J.P. 2016. Impact of Plant Protection Activities on Production and Productivity of Crops in Jammu Region (J&K), India. <i>Vegetos- An International Journal of Plant Research</i> . 29(4) : 134-137.	6.00
3	Ahlawat, S., Chopra, M., Jaiswal, L., Sharma, R., Arora, R., Brahma, B., Lal, S.V., De, S. 2016. Exon skipping creates novel splice variants of DMC1 gene in ruminants. <i>Molecular and Cellular Probes</i> . 30(2) : 66-73.	8.51
4	Ahlawat, S., Sharma, P., Sharma, R., Arora, R., Verma, N.K., Brahma, B., Mishra, P. and De, S. 2016. Evidence of positive selection and concerted evolution in the rapidly evolving PRDM9 zinc finger domain in goats and sheep. <i>Animal Genetics</i> . doi: 10.1111/age.12487.	8.24
5	Ahmed, J.A.; Dutta, D. and Nashiruddullah, N. 2016. Comparative efficacy of antioxidant retinol, melatonin and zinc during <i>in vitro</i> maturation of bovine oocytes under induced heat stress. <i>Turkish Journal of Veterinary and Animal Sciences</i> . 40 : 365-373.	6.51
6	Ali, Akbar, Mondal, A.K., Wali, P., Rai, A.P., Kumar, V. and Kumar, M. 2016. Submergence effect of availability of micronutrients in Basmati growing areas of soils of Jammu. <i>Environment and Ecology</i> . 34 (4) : 1896-1899.	4.18
7	Badyal, A., Sharma, V., Kour, N. and Singh, S.K. 2016. Anticancer efficacy of methanolic extracts of some medicinal plants from Jammu region, Jammu & Kashmir, India. <i>Indian Journal of Biochemistry and Biophysics</i> . 53 : 51-56.	6.36
8	Bali G., Hussain K., Razzaque W.A.A, Sharma U. and Beigh S.A. 2016. Clinico-biochemical studies of ketosis in buffalo (<i>Bubalus bubalis</i>). <i>Buffalo Bulletin</i> . 35(1) : 27-32.	6.10
9	Bharat, R., Samanta, A., Bazaya, K.R., Sharma, V., Gupta, M., Kour, S., Arya, V. M. and Rai. P. K. 2016. Management of moisture stress in Indian mustard (<i>Brassica juncea</i> L.) under sub tropical rainfed conditions of north India. <i>The Eco-scan An International quarterly Journal of Environmental Science</i> . 10(3&4) : 443-447.	5.06

10	Bhat, A.A., Kumar, A. and Kaur, M. 2016. Effect of clove oil on oxidative stability and microbial quality of almond and walnut enriched chevon nuggets. <i>Journal of Pure and Applied Microbiology</i> . 10(2) : 1341-1349.	6.00
11	Devi, A., Sharma, N., Wali, V.K., Bakshi, P., Jamwal, M. and Kumar, R. 2016. Effect of preharvest bioregulator application on shelf-life and disease incidence during storage of Kinnow mandarin. <i>Bangladesh Journal of Botany</i> . 45(5) : 1091-1099.	6.21
12	Dorjey, S., Gupta, V., Razdan, V.K. and Sharma R. 2016. Evaluation of <i>Pseudomonas fluorescens</i> Isolates for their bio-control potential against soil borne disease of tomato. <i>Journal of Pure and Applied Microbiology</i> . 10(4) : 3079-3085.	8.68
13	Dua, S., Bhat, Z.F. and Kumar, S. 2016. Pomegranate (<i>Punica granatum</i>) rind extract as an efficient alternative to synthetic preservatives in fat-rich meat products. <i>Nutrition and Food Science</i> . 46(6) : 844-856.	5.26
14	Ganai, A.W., Kotwal, S.K., Wani, N., Malik, M.A., Jeelani. R., Kour, S. and Zargar, R. 2016. Detection of <i>mec A</i> gene of methicillin resistant <i>Staphylococcus aureus</i> by PCR assay from raw milk. <i>Indian Journal of Animal Sciences</i> . 86 (5) : 508-11.	6.23
15	Ghosh M., Cho H.W., Park J.W., Choi J.Y., Chung Y.H., Sharma, N., Singh A.K., Kim N.E., Mongre R.K., Huynh D., Zhang J.J., Do K.T., Lee H.K., Song K.D., Cho B.W. and Jeong D.K. 2016. Comparative transcriptomic analyses by RNA-seq to elucidate differentially expressed genes in the muscle of Korean thoroughbred horses. <i>Applied Biochemistry and Biotechnology</i> . 180(3) : 588-608.	8.14
16	Ghosh M., Sodhi S.S., Sharma, N., Mongre, R.K., Kim N.E., Singh A.K., Lee S.J., Kim D.C., Kim S.W., Lee H.Y., Song K.D. and Jeong D.K. 2016. An integrated in silico approach for functional and structural impact of non-synonymous SNPs in the MYH1 gene in Jeju Native Pigs. <i>BMC Genetics</i> . 17 : 35-50.	8.54
17	Gogna, N. and Kumar, A. 2016. Efficacy of glucono-delta-lactone on quality traits of goat pickle. <i>Nutrition and Food Science</i> . 47(1) : 140-150.	5.26
18	Gupta, M., Mahajan, S., Sharma, D. and Gupta, S. and Mallick, S.A 2016. Evaluation of agrowastes as substrates for hydrolytic enzymes and biomass production of native isolates of <i>Trichoderma</i> spp. <i>Indian Phytopathology</i> . 69 : 558-564.	5.90
19	Gupta, M., Singh, V. and Gupta, S. 2016. Molecular modeling and virtual docking studies on D1 protein of <i>Phalaris minor</i> biotypes with isoproturon. <i>Indian Journal of Biochemistry and Biophysics</i> . 53 : 39-43.	6.36
20	Gupta, N., Wali, V.K., Singh, V.B., Singh, M. and Kumar, V. 2016. Effect of seasonal variations and weather parameters of yield, quality and disease incidence in Guava cultivars under rainfed conditions of Jammu region. <i>The Bioscan</i> . 11(1) : 627-633.	5.26

21	Iqbal, M., Bakshi, P., Wali, V.K., Kumar, R., Bhat, D.J. and Jasrotia, A. 2016. Efficacy of organic and inorganic mulching materials on weed count, growth, flowering and yield of aonla (<i>Embllica officinalis</i> Gaertn) cv. NA-7 under rainfed conditions of shivalik foothills of Himalayas. <i>Indian Journal of Agricultural Sciences</i> . 86(4) : 545-549.	6.25
22	Javed, R., Taku, A. K., Gangil, R. and Sharma, R.K. 2016. Molecular characterization of virulence genes of <i>Streptococcus equi</i> subsp. <i>equi</i> and <i>Streptococcus equi</i> subsp. <i>zooepidemicus</i> in equines. <i>Veterinary World</i> . 9(8) : 875-881.	5.71
23	Kalsotra, K., Sharma, U., Kumar, S., Kumar, S., and Hussain, K. 2016. Studies on changes in haemato-biochemical and enzymatic profile in post partum Murrah buffaloes with hormonal protocols. <i>Buffalo Bulletin</i> . 35(4) :723-729.	6.10
24	Kalsotra, R., Sharma, U., Kumar, S. and Kumar, S. 2016. Study of the incidence and factors affecting postpartum anestrus in Murrah buffaloes around Jammu region. <i>Buffalo Bulletin</i> . 35(4) : 731-735.	6.10
25	Kamal, S.B., Kumar, A., Tanwar, T. and Dua, S. 2016. Microbiological and storage quality analysis of <i>Papaver somniferum</i> (Poppy) fortified fish nuggets. <i>Journal of Pure and Applied Microbiology</i> . 10(3) : 2241-2248.	8.68
26	Kaur, M., Kumar, A. Bhardwaj, D. and Bhat, A.A. 2016. Storage quality of fish ball prepared in various combinations of flours with and without addition of nisin at refrigeration temperature. <i>Journal of Food, Agriculture and Environment</i> . 14(2) :49-53.	5.00
27	Khajuria, A., Gupta, V., Razdan, V.K., Sharma, B.C., Kher, D. and Kumar, A. 2016. Epidemiological studies of stripe rust of wheat caused by <i>Puccinia striiformis</i> . <i>Indian Phytopathology</i> . 69 (4s) : 244-247.	5.90
28	Kour, G., Wali, V.K. and Bakshi, P. 2016. Growth and quality of low chilling peach cultivars under different irrigation rainfed conditions. <i>Indian Journal of Horticulture</i> . 73(4) : 502-505.	6.13
29	Kour, J., Ahmed, J.A. and Nashiruddullah, N. 2016. Electrocardiographic interpretation of the nasopharyngeal response in conscious rabbits. <i>Indian Journal of Animal Research</i> . 50(6) : 900-904.	6.44
30	Kour, J., Ahmed, J.A. and Nashiruddullah, N. 2016. Electrocardiographic changes associated with dehydration in rabbits (<i>Oryctolagus cuniculus</i>). <i>Indian Journal of Animal Research</i> . 50(6) : 1023-1026.	6.44
31	Kour, R., Rastogi, A., Sharma, R. K. and Singh, M. 2016. Evaluation of kinnow mandarin fruit waste in rations of goats. <i>Indian Journal of Animal Nutrition</i> . 33(4) : 416-420	5.02
32	Kour, S., Kumar, R., Wali, V.K., Sharma, A. and Sharma. N. 2016. Post-harvest chemical manipulation in strawberry regeneration under Jammu sub-tropics. <i>Indian Journal of Horticulture</i> . 73(4) : 592-596.	6.13

33	Kour, S., Masud, S. and Khan, A. 2016. Effect of organic manure and inorganic fertilizer on the growth and proximate composition of common carp, <i>Cyprinus carpio</i> . <i>Journal of Environmental Biology</i> . 37(1) : 149-153.	6.56
34	Kumar, S., Singh, P., Kher, S. and Sharma, M. 2016. Variability and association studies and screening of genotypes against pea seed borne mosaic virus (psmv) in lentil (<i>Lens culinaris</i> Medik) under NW Himalayas of Jammu and Kashmir. <i>Legume Research</i> . 39 (1) : 26-30.	6.34
35	Kumar, V., Sharma, V., Bhat, A.K., Gupta, N. and Singh, V.B. 2016. Effect of various mulches on soil properties and fruit quality attributes of Eureka Lemon (<i>Citrus limon</i> Burm) in kandi area. <i>Indian Journal of Ecology</i> . 43 : 238-241	4.96
36	Lal, S.V., Mukherjee, A., Brahma, B., Gohain, M., Patra, M.C., Saini, S.K., Mishra, P., Ahlawat, S., Upadhyaya, R.C., Datta, T.K., De, S. 2016. Comparison of copy number of HSF genes in two buffalo genomes. <i>Animal Biotechnology</i> . 27(3) :141-147.	7.26
37	Nashiruddullah, N., Pathak, D.C., Barman, N.N., Ahmed, J.A., Rajbongshi, G., Sharma, R.K., Borah, P. and Begum, S.S. 2016. Evaluation of ORFV isolation in continuous lamb testis cells (OA3.Ts) and development of a co-culture method with infected cells that may increase infectivity. <i>Indian Journal of Animal Research</i> . 50 (6) : 951-957.	6.44
38	Rahman, S., Sharma, A.K., Singh, N.D. and Prawez, S. 2016. T-2 induced nephrotoxicity in Wistar rats. <i>Indian Journal of Veterinary Pathology</i> . 40(4) : 320-326.	5.48
39	Sharma, A., Sharma, V., Arora, S., Arya, V.M., Maruthy Shankar, G.R. and Jalali, V.K. 2016. Potassium fixation capabilities of some inceptisols belonging to plain and sub-mountainous region. <i>Journal of the Indian Society of Soil Science</i> . 64 : 368–380.	5.23
40	Sharma, A., Wali, V.K., Bakshi, P., Sharma, V., Sharma, V., Bakshi, M. and Rani, S. 2016. Impact of poultry manure on fruit quality attributes and nutrient status of guava (<i>Psidium guajava</i>) cv. L 49 plant. <i>The Indian Journal of Agricultural Sciences</i> . 86 : 533-540.	6.25
41	Sharma, H.K., Kotwal, S.K., Singh, D.K., Malik, M.A., Kumar, A., Gunalan, R. and Singh, M. 2016. Seroprevalence of human brucellosis in and around Jammu, India, using different serological tests. <i>Veterinary World</i> . 9(7) : 742-746.	5.71
42	Sharma, N., Ghosh M., Lee S.J. and Jeong D.K. 2016. Computational interpretation & comparative annotation of lipocalin-2 protein having the candidate for antibacterial agent. <i>Indian Jr. of Biotechnology</i> . 15(7) : 313-324.	
43	Sharma, N., Sodhi S.S., Kim J.H., Ghosh M., Zhang J.J., Koo D.B., Kang M.J. and Jeong D.K. 2016. Molecular cloning of lipocalin-2 into a eukaryotic vector and its expression in bovine mammary epithelial cells as a potential treatment for bovine mastitis. <i>Turkish Journal of Biology</i> . 40(1) : 55-68.	6.66
44	Sharma, R.M., Kour, K., Bandral, J., Singh, B., Rana, J.C. and Jamwal, M. 2016. Analysis and utilization of genetic diversity of ‘Ambri’ apple (<i>Malus x domestica</i> Borkh.) in Jammu region. <i>Indian Journal of Horticulture</i> . 73 : 1-7.	6.13
45	Sharma, V., Mir, S.H. and Sharma, A. 2016. Nitrogen mineralization as influenced by different organic manures in an inceptisol in the foothill Himalayas. <i>Communications in Soil Science and Plant Analysis</i> . 47 : 194-202.	6.69

46	Singh, P., Kumar, A., Dua, S., Tanwar, T., Kamal, S.B. and Raja, F. 2016. Microbiological, Physiochemical, proximate and sensory attributes of rabbit meat substituted chevon patties. <i>Journal of Pure and Applied Microbiology</i> . 10(3) : 2135-2144.	8.68
47	Singh, R., Kumar, P., Khandi, S.A. and Bhadwal, M.S. 2016. Animal Welfare Practices followed by dairy farmers of Kathua district of Jammu and Kashmir state. <i>Journal of Animal Research</i> . 6(3) : 479-491.	5.68
48	Singh, R., Singh, V. and Baigh, S.A. 2016. Haemato-biochemical and mineral status of crossbred cattle from various agroclimatic zones of North-West Himalayan region of Jammu division. <i>Indian Journal of Animal Sciences</i> . 86(10) : 1125-1131.	6.23
49	Taku, A., Badroo, G. A., Gazal, S., Mir, I.A., Bhat, M.A., Bhardwaj, R.K., Sharma, K.R., Kour, A., Shah, H. and Javid, F. 2016. Prevalence and bacteriological examination of clinical and sub-clinical cases of caprine mastitis in Jammu, <i>Indian Journal of Pure and Applied Microbiology</i> . 10(2) : 1585-1589.	8.68
50	Tanwar, T.K, Kumar, A. and Pankaj, N.K. 2016. Oxidative stability and storage quality analysis of <i>Ocimum sanctum</i> L. extracts incorporated chicken nuggets. <i>Journal of Applied and Natural Science</i> . 8(4) : 2182-2188	5.08
51	Tanwar, T.K. and Kumar, A. and Pankaj, N.K. 2016. Effect of <i>Bacopa monnieri</i> extracts on storage quality of chicken nuggets at refrigeration temperature (4±1°C). <i>Nutrition and Food Science</i> . 47(1) : 78-88.	5.26
52	Thakur, K., Tomar, S.K., Brahma, B. and De, S. 2016. Screening of riboflavin-producing lactobacilli by a polymerase-chain-reaction-based approach and microbiological assay. <i>Journal of Agricultural and Food Chemistry</i> . 64(9) : 1950-1956.	9.57
53	Trilokia, M., Gandhotra, A., Kumar, R. and Bakshi, P. 2016. Value addition, nutritional status and shelf-life evaluation of cocoa, cardamom and sugar free dietary fibre supplements. <i>Indian Journal of Agricultural Sciences</i> . 86(4) : 512-515.	6.25
54	Tripathi, A.K., Soodan, J.S. and Kushwaha, R.B. 2016. Clinical, haemato-biochemical and therapeutic studies on rumen impaction in buffaloes. <i>Buffalo Bulletin</i> . 35(3) : 325-329.	6.10
55	Wali, A., Gupta, M., Mallick, S.A., Gupta, S. and Jaglan, S., 2016 Antioxidant potential and phenolic contents of leaf, bark and fruit of <i>Aegle marmelos</i> . <i>Journal of Tropical Forest Science</i> . 28(3) : 268–274.	6.57
56	Zargar, F.A., Kumar, S., Bhat, Z.F. and Kumar, P. 2016. Effect of kohlrabi on the quality characteristics of chicken sausages. <i>Indian Journal of Poultry Science</i> . 51(3) : 333-337.	5.01
57	Zari, D., Arya, V.M., Sharma, V., Rai, P.K., Sharma, B.C., Sharma, K.R., Sharma, C. and Manhas, S. 2016. Effect of long term application of organic and inorganic nutrient sources on soil moisture and yield of maize under rainfed conditions. <i>Journal of Soil and Water Conservation</i> . 15(3) : 273-276.	5.08

S. No	Details of published paper	NAAS rating
58	Ahamad, S. 2017. Management of Rhizome rot of ginger at farmers' field in Jammu region. <i>Indian Phytopathology</i> . 70 (2) : 252-253.	5.90
59	Ahmad, M., Sultana, M., Raina, R., Pankaj, N.K., Verma, P.K. and Prawez, S. 2017. Hypoglycemic, hypolipidemic, and wound healing potential of quercetin in streptozotocin-induced diabetic rats. <i>Pharmacognosy Magazine</i> . 13(51) : S633-639.	7.26
60	Ahmed, J.A., Nashiruddullah, N., Dutta, D., Biswas, R.K. and Borah, P. 2017. Cumulus cell expansion and ultrastructural changes in <i>in vitro</i> matured bovine oocytes under heat stress. <i>Iranian Journal of Veterinary Research</i> . 18(3) : 203-207.	6.67
61	Akhtar, P., Kumar, A., Kumar, J., Sharma, N., Stanzen, L., Sharma, A., Mahajan, A. and Bhagat, S. 2017. Bio-efficacy of Post Emergent Application of Tembotrione on Mixed Weed Flora in Spring Maize (<i>Zea mays</i> L.) Under Irrigated Sub-tropical Shiwalik Foothills of J&K, India. <i>International Journal of Current Microbiology and Applied Sciences</i> . 6 (12) : 1619-1626.	5.38
62	Akhtar, P., Kumar, A., Kumar, J., Sharma, N., Stanzen, L., Sharma, A. and Mahajan, A. 2017. Bio-efficacy of early post and post emergent application of Tembotrione on nutrient removal by crop and weeds in spring maize (<i>zea mays</i> l.) under irrigated sub-tropical Shiwalik foothill conditions of J & K, India. <i>International Journal of Current Microbiology and Applied Sciences</i> . 6(6) : 663-670.	5.38
63	Azhar, P.M., Chakraborty, D., Kumar, D., Anamika, Sofi, T. A., Kumar, N. and Taggar, R. K. 2017. Molecular characterization of Poonchi sheep. <i>Ruminant Science</i> . 6 (2) : 231-236.	5.00
64	Bafanda, R.A., Khandi, S.A. and Chanoria, A. 2017. Socio-Personal Profile of Butchers and Meat Retailers in Jammu District of Jammu and Kashmir. <i>International Journal of Livestock Research</i> . 7(11) : 227-235.	5.36
65	Bakshi, M., Wali, V.K., Bakshi, P., Sharma, A., Sharma, D. and Shah, R.A. 2017. Integrated nutrient management induced changes, fruit yield and quality of Kinnow mandarin. <i>Indian Journal of Agricultural Sciences</i> . 87(3) : 414-418.	6.25
66	Bala, S., Sharma, R. K., Khan, N., Rastogi, A. and Haq, Z. 2017. Performance of broiler chicken as affected by replacement of maize with pearl millet and broken rice mixture in the diet. <i>Indian Journal of Animal Nutrition</i> . 34(4) : 437-446.	5.02
67	Bashir, M., Malik, M.A., Javaid, M., Badroo, G.A., Bhat, M.A. and Singh, M. 2017. Prevalence and characterization of <i>Bacillus cereus</i> in Meat and Meat products in and around Jammu Region of Jammu and Kashmir, India. <i>International Journal of Current Microbiology and Applied Sciences</i> . 6(12) : 1094-1106.	5.38

68	Bhagat, M., Sood, S., Yadav, A., Katoch, R., Rajat. and Godara, R. 2017. Pathomorphological studies on <i>Cryptosporidium parvum</i> infection in immunocompromised and immunocompetent Swiss albino mice. <i>Indian Journal of Veterinary Pathology</i> . 41(4) : 263-267.	5.48
69	Bharat, R., Arya, V.M., Sharma, V., Kour, S., Gupta, M., Shama, V., Rai, S.K. and Gupta, R. 2017. Influence of agrochemicals on moisture stress mitigation in Indian mustard under rainfed conditions in Jammu. <i>Journal of Soil and Water Conservation</i> . 16(3) : 274-278.	5.08
70	Bharat, R., Arya, V.M., Sharma, V., Kour, S., Gupta, M., Sharma, V., Rai, S.K. and Gupta, R. 2017. Influence of agrochemicals on moisture stress mitigation in Indian mustard under rainfed conditions of Jammu. <i>Journal of Soil and Water Conservation</i> . 16(3) : 274-278.	5.08
75	Bhat, A.A., Kumar, A., Sheikh, S.A. Dar, M.Y. and Haq, Z. 2017. Utilization of mango peel powder as phytopreservative in the refrigeration storage of chicken cutlets. <i>International Journal of Livestock Research</i> . 7(1) : 90-99.	5.36
76	Bhat, A.M., Soodan, J.S., Singh, R. Dhobi, I.A., Hussain, T., Dar, M.Y. and Mir, M. 2017. Incidence of bovine clinical mastitis in Jammu region and antibiogram of isolated pathogens. <i>Veterinary World</i> . 10(8) : 984-989.	5.71
77	Chaudhary, S., Rastogi, A., Sharma, R. K., Raghuwanshi, P. and Khan, N. 2017. Formulation of kinnow mandarin (<i>Citrus nobilis</i> Lour x <i>Citrus deliciosa</i> Tenora) waste and paddy straw based complete feed blocks and its utilization by goats. <i>Indian Journal of Animal Research</i> . 51(1) : 105-110.	6.44
78	Chhibber, S., Hussain K., Shah M.M., Muheet and Singh R. 2017. Clinico-Haematological and Biochemical Studies in Dogs with Renal Failure. <i>International Journal of Livestock Research</i> . 7(3) : 16-21.	5.36
79	Chouhan, S., Sharma, K., Zha, J., Guleria, S. and Koffas, M.A.G. 2017. Recent advances in the recombinant biosynthesis of polyphenols. <i>Frontiers in Microbiology</i> . 8 : 2259.	10.26
80	Daing, M. I., Pathak, A. K., Bhat, Mohd Altaf, Sharma, R. K. and Zargar, M. A. 2017. <i>In vitro</i> antioxidants and antibacterial efficacy condensed tannins containing tree leaves extract of Jammu Province. <i>Journal of Animal Research</i> . 7(1) : 165-174.	5.68
81	Dar, M.A., Mir, H.A., Raina, R. and Verma, P.K. 2017. Effects of oxidative balance and acetylcholinesterase in liver and brain of rats dermally exposed to bifenthrin. <i>Toxicology International</i> . 24(3) : 244-248.	9.55
82	Dilnawaz, H.M., Kumar, S. and Bhat, Z.F. 2017. <i>Ipomea batatas</i> as a novel binding agent for hot-set restructured binding systems and green coffee bean for improved lipid oxidative stability and storage quality. <i>Nutrition and Food Science</i> . 47(5) : 659-672.	5.26
83	Dolkar, D., Bakshi, P., Gupta, M., Wali, V.K., Kumar, R., Hazarika, T.K. and Kher, D. 2017. Biochemical changes in guava fruits during different stages of ripening. <i>Indian Journal of Agricultural Sciences</i> . 87(2) : 257-260.	6.25
84	Dolkar, D., Bakshi, P., Wali, V.K., Khushu, M.K., Singh, M., Bhushan, B. and Shah, R.A. 2017. Effect of climate variability on growth, yield and quality of Kinnow mandarin. <i>Journal of Agrometeorology</i> . 19(Spl-AGMET 2016) : 67-74.	6.64

85	Dorjey, S., Gupta, V. and Razdan, V.K. 2017. Evaluation of <i>Pseudomonas fluorescens</i> isolates for the management of <i>Fusarium oxysporum</i> f.sp. <i>lycopersici</i> and <i>Rhizoctonia solani</i> causing wilt complex in tomato. <i>Indian Phytopathology</i> . 70(1) : 127-130.	5.90
86	Farooq, S., Razdan, V.K., Gupta, V., Fatima, K. Mahajan, S. and Sharma, S. 2017. Germplasm evaluation and characterization of resistant genes against stripe rust of wheat. <i>Journal of Pure and Applied Microbiology</i> . 11(4) : 1839-1844.	8.68
87	Ganai, I.A., Rastogi, A., Sharma, R.K., Wali, A. and Saharan, V. 2017. Chemical composition and in vitro dry matter degradability of combination of wheat and paddy straw for small ruminant feeding. <i>Journal of Entomology and Zoology Studies</i> . 5(4) : 1755-1760.	5.53
88	Gera, M., Sharma, N., Ghosh, M., Huynh, D.L., Lee, S.J., Min, T., Kwon, T. and Jeong, D.K. 2017. Nanoformulations of curcumin: an emerging paradigm for improved remedial application. <i>Oncotarget</i> . 8(39) : 66680-66698.	5.00
89	Gupta, M., Kour, S., Gupta, V., Bharat, R. and Sharma, C. 2017. Effect of different doses of fertilizers on yield and NPK uptake of linseed (<i>Linum usitatissimum</i> L.). <i>Bangladesh Journal of Botany</i> . 46 (2) : 575-581.	6.21
90	Gupta, M., Sharma, C., Sharma, R., Gupta, V. and Khushu, M. K. 2017. Effect of sowing time on productivity and thermal utilization of mustard (<i>Brassica juncea</i>) under sub-tropical irrigated conditions of Jammu. <i>Journal of Agrometeorology</i> . 19 (2) : 137-141.	6.64
91	Gupta, V., Khajuria, A., Razdan, V.K., and Kumar, A. 2017. Role of abiotic factors on the severity of stripe rust of wheat. <i>Archives of Phytopathology and Plant Protection</i> . 50 :11-12, 515-525.	6.56
92	Gupta, V., Khajuria, A., Razdan, V.K., Sharma, Kher, D. and Kumar, A. 2017. Effect of epidemiological factors on the severity of stripe rust of wheat caused by <i>Puccinia striiformis</i> . <i>Journal of Agrometeorology</i> . 19 (1) : 62-66.	6.64
93	Heer, A., Guleria, S. and Razdan, V.K. 2017. Chemical composition, antioxidant and antimicrobial activities and characterization of bioactive compounds from essential oil of <i>Cinnamomum tamala</i> grown in north-western Himalaya. <i>Journal of Plant Biochemistry and Biotechnology</i> . 26 : 191-198.	7.04
94	Hilal, Sobiya., Rashid, M. and Javaid, M. 2017 Determination of prevalence and <i>in-vitro</i> pathogenicity of <i>Listeria monocytogenes</i> in sheep and goats reared by nomads of Jammu region of J&K. <i>Journal of Animal Research</i> . 7(5) : 849-856.	5.68
95	Himalini, Gupta, S.K., Bhardwaj, R.K., Singh, R. and Gupta, A.K. 2017. Study on prevalence of cardiovascular diseases in canines of Jammu. <i>Journal of Animal Research</i> . 7(1) : 201.	5.68
96	Huynh, D.L., Kwon, T., Zhang, J.J., Sharma, N., Gera, M., Kim, N.E., Cho, S.K., Lee, D.S., Park, Y.H. and Jeong, D.K. 2017. Wogonin suppresses stem cell-like traits of CD133 positive osteosarcoma cell via inhibiting matrix metalloproteinase-9 expression. <i>BMC Complementary and Alternative Medicine</i> . 17 : 304.	8.48
97	Ishfaq, A., Sharma, R. K., Rastogi, A., Malla, B.A. and Rather, S.A. 2017. Effect of lime treated olive cake on nutrient utilization and performance of male goats. <i>Indian Journal of Animal Research</i> . 51(2) : 286-290.	6.44

98	Kaur, M., Kumar, S., Kumar, A. and Bhat, Z.F. 2017. Optimization of animal fat as a vegetable fat replacer in the preparation of heat resistant milk chocolate. <i>International Journal of Livestock Research</i> . 7(8) : 133-140.	5.36
99	Khajuria, A. K., Bhadwal, M.S. and Gupta A.K. 2017. Anti-nociceptive efficacy of carprofen and meloxicam in ovariohysterectomized dogs. <i>Journal of Animal Research</i> . 7(5) : 973-977.	5.68
100	Khan, K.M., Kumar, N. Chakraborty, D., Faried, I., Sharma, R., Bhatt, S.N., Kumar, D. and Taggar, R.K. 2017. Phenotypic characterization of Purky sheep population of Kargil district. <i>Indian Jr. of Animal Research</i> . 51(4) : 625-629.	6.44
101	Khan, N.N., Assad, N., Kumar, N., Chakraborty, D., Ayaz, A., Ali, A. and Dar, M.A. 2017. Non-Genetic factors effecting reproduction traits in Rambouillet sheep. <i>International Journal of Current Microbiology and Applied Sciences</i> . 6(8) : 3698-3704.	5.38
102	Kim, S.W., Sharma, N., Hwang, I.S., Choe C., Kim, D., Seong, H.H. and Jeong, D.K. 2017. Application of saponin on differential staining examination in animal blastocysts. <i>Indian Journal of Animal Sciences</i> . 87(9) : 1081-1086.	6.23
103	Konwar, D., Amonge, T.K., Dutta, D.J., Gogoi, A.K., Borah, R.S., Das, G.Ch., Bhuyan, R. and Roychoudhury, R. 2017. Dietary Supplementation of Ascorbic Acid on Hemato-Biochemical and Hormonal Parameters in Swamp Buffaloes. <i>Journal of Animal Research</i> . 7 (1) : 39-47.	5.68
104	Kour, G., Suri, S. and Sarma, K. 2017. Histology and Histochemistry of adrenal medulla of adult Bakerwali Goat. <i>Journal of Animal Research</i> . 7 : 1111-1114.	5.68
105	Kour, S., Devi, J., Kour, K., Chakraborty, D., Ganai, A. W., Zargar, R. and Khajuria, P. 2017. Effect of extreme seasons on some blood biochemical parameters in Beetal and Toggenberg goats of Jammu region. <i>Journal of Animal Research</i> . 7(4) : 779-784.	5.68
106	Kour, S.D., Kumar, R., Wali, V.K., Sharma, A. and Bakshi, P. 2017. Impact of benzyladenine and gibberellic acid on quality and economics of runner production in Chander strawberry (<i>Fragaria x ananassa</i>) under subtropical climate. <i>Indian Journal of Agricultural Sciences</i> . 87(7) : 964-967.	6.25
107	Koushal, S., Sharma, A.K., Kumar, A., Sharma, B.C., Kumar, J. and Stanzen, L. 2017. Substitution of nitrogen requirement of rice (<i>Oryza sativa</i>) through organic and inorganic sources of nutrients in irrigated sub tropical foot Hills of Jammu. <i>Journal of Pharmacognosy and Phytochemistry</i> . 6 (6) : 110-112.	5.21
108	Kumar, A., Bhardwaj, H.R., Dwivedi, D.K., Sharma, A. and Gupta, P. 2017. Enteric microbial profile in cattle suffering from intestinal obstruction. <i>Indian Journal of Veterinary Surgery</i> . 38 (2) : 119-120.	5.25
109	Kumar, A., Kher, S.K., Nanda, R., Sharma, A., Rizvi, S.E.H. and Ahmad, H. 2017. Information source utilization pattern of horticulture extension personnel for seeking and dissemination of horticultural technology in Jammu region of Jammu and Kashmir, India. <i>International Journal of Current Microbiology and Applied Sciences</i> . 6(11) : 3271-3277.	5.38
110	Kumar, P., Chatli, M., Verma, A.K., Mehta, N., Malav, O.P., Kumar, D. and Sharma, N. 2017. Quality, functionality and shelf life of fermented meat and meat products: A review. <i>Critical Reviews in Food Science and Nutrition</i> . 57 (13) : 2844-2856.	12.70

111	Kumar, S., Hussain K., Batoo A.S, Chaudhary S., Najar A.A. and Kour S. 2017. Effect of enrofloxacin and enrofloxacin in combination with fish oil on haematobiochemical and otic cytological parameters in canine bacterial otitis externa. <i>Veterinary Practitioner</i> . 18(1) : 27-30	5.00
112	Kumar, V., Sharma, K.R., Sharma, V., Arya, V.M., Kumar, R., Singh, V.B., Sinha, B.K. and Singh, B. 2017. Soil quality refurbishment through carbon sequestration in climate change: A review. <i>International Journal of Current Microbiology and Applied Sciences</i> . 6(5) : 1210-1223.	5.38
113	Mahajan, A., Gupta, A.K., Bhadwal, M.S., Bhat, M. A. and Bhardwaj, H.R. 2017. Occurrence and Management of Obstructive Urolithiasis in Ruminants. <i>Journal of Animal Research</i> . 7(4) : 723-731.	5.68
114	Mahajan, S., Gupta, V., Razdan, V.K., Fatima, K. and Sharma, S. 2017. Assessment of wheat varieties for slow rusting and management of stripe rust caused by <i>Puccinia striiformis</i> . <i>Indian Phytopathology</i> . 70 (2) : 200-205.	5.90
115	Malik, M.A., Sharma, J.K., Javaid, M., Singh, M. and Singh, R. 2017. Pathomorphological alterations in various organs of experimentally induced listeriosis in mice. <i>International Journal of Current Microbiology and Applied Sciences</i> . 6(12) : 1-9.	5.38
116	Mallick, S.A., Kumari, P., Gupta, M., Gupta, S. and Jeelani, M.I. 2017 Augmentation of biochemical defense against <i>Alternaria</i> blight of mustard by induction of drought stress. <i>Journal of Plant Pathology</i> . 99 : 47-60.	6.82
117	Mir, M., Sharma, R.K., Rastogi, A. and Haq, Z. 2017. Effect of dietary supplementation of walnut cake (<i>Juglans regia</i>) on the performance of goats. <i>Indian Journal of Small Ruminants</i> . 23(2) : 172-175.	5.25
118	Mongre, R.K., Sharma, N., Sodhi, S.S., Ghosh, M., Singh, A.K., Kim, N.E., Park, Y.H., Shin, Y.G., Kim, S.J., Zhang, J.J., Huynh, D.L. and Jeong, D.K. 2017. Novel phyto-derivative BRM270 inhibits hepatocellular carcinoma cells proliferation by inducing G2/M phase cell cycle arrest and apoptosis in xenograft mice model. <i>Biomedicine and Pharmacotherapy</i> . 87 : 741-754.	9.74
119	Mudasir, M. Dogra, S., Badroo, G.A., Nashiruddullah, N., Dogra, S., Batoo, A. S., Javaid, M. and Bhat, M.A. 2017. Pathomorphological study of visceral gout in desi fowl. <i>International Journal of Current Microbiology and Applied Sciences</i> . 6(10) : 5039-5042.	5.38
120	Noor, S., Bhat, Z.F., Kumar, S. and Kousar, I. 2017. <i>Asparagus racemosus</i> : A newly proposed natural preservative for improved lipid oxidative stability and storage quality of meat products. <i>Nutrition and Food Science</i> . 47(5) : 673-687.	5.26
121	Rani, S., Sharma, A., Wali V.K., Bakshi, P., Bakshi, M. and Gupta, S. 2017. Effect of foliar nutrition on yield, quality and shelf-life of mango (<i>Mangifera indica</i>) cv. Dashehari under Jammu sub-tropics. <i>Indian Journal of Agricultural Sciences</i> . 87(2) : 185-190.	6.25
122	Reshi, I.A., Singh, R., Bhat, A.H., Upadhyay, S.R. and Shah, I.A. 2017. Evaluation of Antifasciola Efficacy of Artemisia Maritima in Relation to Closantal and Triclabendazole in Bovines Affected with Fasciolosis. <i>International Journal of Livestock Research</i> . 7(5) :134-139.	5.36

123	Shah, I.A., Sharma, H.K., Shah, M.A., Katoch, R. and Malik, M.A. 2017. Prevalence of various Intestinal Zoonotic Parasites in Dogs of Jammu Region of Jammu and Kashmir. <i>International Journal of Livestock Research</i> . 7(1) : 116-120.	5.36
124	Shah, R.A.; Sharma, A.; Wali, V.K.; Bakshi, P.; Kumar, R. and Gupta, R. 2017. Response of budding methods and time intervals of peach on bud take success and budding growth on peach, plum and apricot rootstock. <i>Indian Journal of Agricultural Sciences</i> . 87(5) : 669-676.	6.25
125	Sharma, N., Huynh, D.L., Kim, S.W., Ghosh, M., Sodhi, S.S., Singh, A., Kim, N.E., Lee, S.J., Hussain, K., Oh, S.J. and Jeong, D.K. 2017. A PiggyBac mediated approach for lactoferricin gene transfer in bovine mammary epithelial stem cells for management of bovine mastitis. <i>Oncotarget</i> . 8(61) : 104272-104285.	5.00
126	Sharma, P., Yael Laor , Michael Raviv , Shlomit Medina , Ibrahim Saadi , Arkady Krasnovsky, Maggie Vager, Guy J. Levy, Asher Bar-Tal and Mikhail Borisover. 2017. Compositional characteristics of organic matter and its water-extractable components across a profile of organically managed soil. <i>Geoderma</i> . 286 : 73-82.	10.34
127	Sharma, P., Yael Laor, Michael Raviv, Shlomit Medina, Ibrahim Saadi, Arkady Krasnovsky, Maggie Vager, Guy J. Levy, Asher Bar-Tal and Mikhail Borisover. 2017. Green manure as part of organic management cycle: Effects on changes in organic matter characteristics across the soil profile. <i>Geoderma</i> . 305 : 197-207.	10.34
128	Sharma, R., Hussain K., Batoo A.S., Chaudhary S., Kour S., Chibber S. and Bhat M. A 2017. Biomarkers of Oxidative Stress in Canine Dermatitis. <i>Journal of Animal Research</i> : 7(3) : 567-570.	5.68
129	Sharma, R., Razdan, V.K., Gupta, V., Dorjey, S., Fatima, K., Rai, P.K. and Sharma, S. 2017. Screening of rhizo-bacterial isolates for bio-control potential against soil-borne diseases in brinjal. <i>Journal of Pure and Applied Microbiology</i> . 11(4) : 1973-1982.	8.68
130	Sharma, R., Sharma, H.K., Sharma, R., Katoch, R., Kaur, R., Rashid, M. and Ganai, A. 2017. Epidemiological study on prevalence of <i>Cysticercus cellulosae</i> in pigs of Jammu region. <i>Veterinary Practitioner</i> . 18 (1) : 102-105.	5.00
131	Sharma, S., Sharma, V. and Arora, S. 2017. Potassium supplying capacity of some citrus orchard soils in foothill Himalayas through quantity-Intensity approach. <i>Journal of the Indian Society of Soil Science</i> . 65 : 393-400.	5.23
132	Sharma, V., Arya, V.M., and Sharma, K.R. 2017. Spatial variability of soil pH and electrical conductivity in the Jammu district of Jammu and Kashmir. <i>Journal of Soil and Water Conservation</i> . 16(4) : 320-324.	5.08
133	Sharma, V., Sharma, H.K., Ganguly, S., Berian, S. and Malik, M.A. 2017. Seroprevalence studies of brucellosis among goats using different serological tests. <i>Journal of Entomology and Zoology Studies</i> . 5(2) : 1512-1516.	5.53
134	Sharma, V., Sharma, H.K., Ganguly, S., Berian, S. and Malik, M.A. 2017. Seroprevalence studies of brucellosis among human using different serological tests. <i>International Journal of Current Microbiology and Applied Sciences</i> . 6(5) : 1793-1800.	5.38

135	Singh, A.K., Sharma, N., Ghosh, M., Park, Y.H. and Jeong, D.K. 2017. Emerging importance of dietary phytochemicals in fight against cancer: Role in targeting cancer stem cells. <i>Critical Reviews in Food Science and Nutrition</i> . 57(16) : 3449-3463.	12.70
136	Singh, M., Jasortia, A., Bakshi, P., Shah, R.A., Kumar, R. and Jeelani, M.I. 2017. Influence of different postharvest calcium treatments and storage conditions on quality of peach cv. Shan-e-Punjab. <i>International Journal of Current Microbiology and Applied Sciences</i> . 6(12) : 2459-2466.	5.38
137	Singh, M., Jasrotia, A., Bakshi, P., Kour, K. and Kumar, R. 2017. Postharvest calcium treatments and storage intervals influencing physico-chemical attributes of peach cv. Shan-e-Punjab. <i>Journal of Pharmacognosy and Phytochemistry</i> . SP 1 : 974-979.	5.21
138	Singh, M., Jasrotia, A., Bakshi, P., Wali, V.K., Kumar, R. and Kour, K. 2017. Effect of various storage conditions and calcium treatments on physico-chemical properties of peach cv. Shan-e-Punjab. <i>Indian Journal of Agricultural Sciences</i> . 87(6) : 796-800.	6.25
139	Singh, S., Dutta, U., Bhat, A. K., Gupta, S., Gupta, V. and Jamwal, S. 2017. Morpho-cultural and biochemical identification of <i>Pseudomonas</i> sp. isolated from the rhizosphere of different vegetable crops and study its efficacy on <i>Solanum melongena</i> (Brinjal). <i>Journal of Pharmacognosy and Phytochemistry</i> . 6(2) : 22-28.	5.21
140	Singh, S.G., Taggar, R.K., Chakraborty, D. and Kour, A. 2017. Molecular Genetic Characterization of local Buffalo population of Jammu and Kashmir region using microsatellite Markers. <i>Indian Journal of Animal Research</i> . 7(6) : 1149-1156	6.44
141	Sinha, A.K., Shrivastava, A.K., Gautam, A.K. and Ahamad, S. 2017. Status and Utilization of Tractor Power in Mahakoshal Region, MP, India. <i>Vegetos- An International Journal of Plant Research</i> . 30(3): 80-83.	5.00
142	Sodhi, A.S., Gupta, A.K., Bhat, M.A., Gupta, P. and Bhadwal, M.S. 2017. Evaluation of xylazine and acepromazine as premedicants to ketamine anaesthesia in dogs insufflated with CO ₂ during laparoscopic vasectomy. <i>Journal of Animal Research</i> . 7(4): 647-652	5.68
143	Tandon, S., Kotwal, S.K., Malik, M.A., Singh, M., Kumar, D., Shafiq, M. and Kumar, M. 2017. A community based survey on rabies control and prevention using KAP in Jammu, India. <i>Journal of Animal Research</i> . 7(6): 1019-1028.	6.44
144	Tikoo, A., Soodan, J.S., Singh, G. and Singh, I. 2017. Effect of various therapeutic regimens on the treatment of calf diarrhea and their effect on various clinico, hematobiochemical parameters. <i>International Journal of Livestock Research</i> . 7(11): 174-183.	5.36
145	Wani, H., Rehman, S., Shoukat, S., Kour, N. and Dutta, S. 2017. A study on chlorpyrifos induced oxidative stress in broiler chickens. <i>International Journal of Livestock Research</i> , 7(3): 28-39.	5.36
146	Wani, J.M., Sharma, U., Beig, S.A., Khan, S.U.H., Javaid, M., Bashir, M., Pandey, A.K., Ali, M. and Dar, R.R. 2017. Studies on estrus Induction in Ewes during Non-Breeding Season. <i>International Journal of Current Microbiology and Applied Sciences</i> . 6(12):1107-1115.	5.38

S. No	Details of published paper	NAAS rating
147	Ali, Mansoor., Mehdi, Mohd., Lakdan, S., Dolkar, T., Stanzen, L., Singh, P. and Hussain, S. 2018. Status of area and production of apricot (<i>Prunus armeniaca</i> L.) in Cold Arid Ladakh. <i>Journal of Pharmacognosy and Phytochemistry</i> . 7 (2) : 593-595.	5.21
148	Anamika, Chakraborty, D., Taggar, R.K., Singh, S., Azhar, P. M. and Gupta, P. 2018. Effects of non-genetic factors on body weight traits in Rambouillet sheep. <i>International Journal of Current Microbiology and Applied Sciences</i> . 7(12) : 1408-1413.	5.38
149	Andrabi, S.E.H., Pandey, A.K., Sharma, U., Batto, A.S., Bhat, M.A. and Wani, J.M. 2018. Dystocia due to Diprosopus, Tetraphtahalmus and Monauchenos Monster in a cow. <i>Veterinary Practitioner</i> . 19(2) : 256-257.	5.00
150	Ashraf, I., Rashid, M., Javaid, M., and Bashir, M. 2018. Isolation and characterization of <i>Escherichia coli</i> from sheep, goats and their Nomadic Handlers from Jammu region of J&K. <i>International Journal of Livestock Research</i> . 8(3) : 214-228.	5.36
151	Bakshi, M., Guleria, S., Jamwal, S. and Gupta, M. 2018. Effect of harvesting time on yield, quality and fatty acid profile of olive oil produced in foothills of Himalayas. <i>Journal of Pharmacognosy and Phytochemistry</i> . 7 : 3464-3469.	5.21
152	Bakshi, M., Wali, V.K., Sharma, A. and Raina, V. 2018. Economic evaluation of kinnow mandarin cultivation using inorganic and organic nutrient sources along with biofertilizers. <i>International Journal of Current Microbiology and Applied Sciences</i> . 7(8) : 130-138.	5.38
153	Bakshi, P.; Kumar, R.; Kour, G.; Wali, V.K.; Bhat, D. and Hazarika, T.K. 2018. Maturity indices of aonla cultivars under rainfed conditions of Shivalik foothills of Himalayas. <i>Journal of Agricultural Science and Technology</i> . 20(7) : 1517-1524.	6.83
154	Barman, K., Konwar, D., Banik,S., and Rajkhowa, S. 2018. Opportunities and Prospects of Cassava Feeding in Swine: A review. <i>Indian Journal of Animal Nutrition</i> . 35 (2) : 129-137.	5.02
155	Battoo, A.S., Hussain, K., Singh, R., Sultana, M., Sharma, N., Nabi, B., Najar, A.A. and Chaudhary, S. 2018. Biochemical and oxidative alterations induced by acute amikacin toxicity in albino wistar rats. <i>Journal of Animal Research</i> . 8(3) : 407-410.	5.68
156	Berian, Sindhu., Gupta, S.K., Sharma, Vijay., Bhardwaj, R.K. and Ali, Shamim. 2018. Prevalence of Canine Parasitic Dermatitis in and Around Jammu. <i>International Journal of Current Microbiology and Applied Sciences</i> . 7(8) : 2420-2426.	5.38

157	Bhagat, M., Sood, S., Yadav, A., Katoch, R., Chakraborty, D., Godara, R., Sultana, M. and Sangha, N. 2018. Clinico-haematological studies on experimental <i>Cryptosporidium parvum</i> Jammu isolate infection in Swiss albino mice. <i>Indian Journal of Animal Research</i> . 52 (7) : 1025-1030.	6.44
158	Bhat, F.H., Sharma, U., Pande, N., Pandey, A.K., and Mir, M. 2018. Incidence of canine pyometra in an around Jammu region. <i>The Pharma Innovation Journal</i> . 7(11) : 192-196.	5.03
159	Chand, G., Nandwal, A.S., Kumar, N., Devi, S. and Khajuria, S. 2018. Yield and physiological responses of mungbean [<i>Vigna radiata</i> (L.) Wilczek] genotypes to high temperature at reproductive stage. <i>Legume Research-An International Journal</i> . 41 : 557-56.	6.34
160	Chaudhary, S., Bato, A., Hussain, K., Najar, A.A. and Agrawal, G. 2018. Prevalence of Pododermatitis caused by Staphylococcus Aureus in poultry birds of Jammu. <i>International Journal of Livestock Research</i> . 8(3) : 192-195.	5.36
161	Choudhary, F., Khandi, S.A., Bafanda, R.A. and Minhaj, S.U. 2018. Assessment of constraints perceived by the <i>bakarwal</i> tribe in sheep and goat rearing practices in Jammu district of Jammu and Kashmir. <i>Journal of Experimental Biology and Agricultural Sciences</i> . 6(5) : 884-889.	5.07
162	Choudhary, F., Khandi, S.A., Bafanda, R.A. and Shahjar, F. 2018. Swot analysis of sheep and goat rearing practices of <i>bakarwal</i> tribe in Jammu district of Jammu and Kashmir. <i>Journal of Experimental Biology and Agricultural Sciences</i> . 6(5) : 898-902.	5.07
163	Choudhary, F., Khandi, S.A., Bafanda, R.A., Shahjar, F. and Minhaj, S.U. 2018. Knowledge level of Bakarwal tribe regarding sheep and goat rearing practices in Jammu district of Jammu and Kashmir, India. <i>The Pharma Innovation</i> . 7(11) : 178-183.	5.03
164	Choudhary, M.S., Kumar, P. and Bhushan, B. 2018. Pattern of managerial practices followed in organised and un-organised poultry production system in Rajouri district of Jammu and Kashmir State. <i>Journal of Animal Research</i> . 8(4) : 679-685.	5.68
165	Choudhary, M.S., Kumar, P., Bhushan, B. and Bafanda, R.A. 2018. Relationship between the differential managerial practices of poultry owners and their socio-personal, socio-economic and communicational characteristics in Rajouri district of Jammu and Kashmir State. <i>International Journal of Current Microbiology and Applied Sciences</i> . 7(8) : 4533-4543.	5.38
166	Choudhary, N., Bawa, V., Paliwal, R., Singh, B., Bhat, M.A., Mir, J.I., Gupta, M., Sofi, P.A., Thudi, M., Varshney, R.K., Mir, R.R. 2018. Gene/QTL discovery for Anthracnose in common bean (<i>Phaseolus vulgaris</i> L.) from North-western Himalayas. <i>PLoS ONE</i> . 13(2) : 1-12.	8.78
167	Dar, Y., Suri, S., Sarma, K. and Sasan, J.S. 2018. Gross morphological and biometrical studies on thyroid gland in Bakerwali goat (<i>Capra hircus</i>). <i>Applied Biological Research</i> . 20(2) : 209-214.	5.07

168	Dar, Y., Suri, S., Sarma, K. and Sasan, J.S. 2018. Ultrastructure of the thyroid gland in Bakerwali goat (<i>Capra hircus</i>). <i>Journal of Animal Research</i> . 7(6) : 1-6.	5.68
169	Devi, K.; Kumar, R.; Wali, V.K.; Bakshi, P.; Sharma, N. and Arya, V. 2018. Effect of foliar nutrition and growth regulators on nutrient status and fruit quality of Eureka lemon (<i>C.limon</i>). <i>Indian Journal of Agricultural Sciences</i> . 88(5) : 704-708.	6.25
170	Dogra, S., Chand, G. and Sinha, B.K. 2018. Physiological and biochemical traits as tools to screen sensitive and resistant genotypes of <i>Brassica juncea</i> exposed to drought stress. <i>Journal of Pharmacognosy and Phytochemistry</i> . 7(5) : 877-884.	5.21
171	Dolkar, D; Bakshi, P.; Kachroo, D.; Kour, K.; Singh, M; Bhushan, B. and Shah, R.A. 2018. Effect of meteorological parameters on plant growth and fruit quality of Kinnow mandarin. <i>Indian Journal of Agricultural Sciences</i> . 88(7) : 1004-1016.	6.25
172	Dua, S., Kumar, S., Ganai, A.W., Kaur, S., Berian, S., Kumar, A. and Khursheed, I. 2018. Storage quality and oxidative stability attributes of Jackfruit (<i>Artocarpus heterophyllus</i> L.) seed powder fortified ghee residue burfi. <i>Journal of Animal Research</i> . 8(5) : 827-835.	5.68
173	Dua, S., Kumar, S., Kaur, S., Ganai, A.W. and Khursheed, I. 2018. Chemical and sensory attributes of ghee residue burfi supplemented with corn flour. <i>Journal of Pharmacognosy and Phytochemistry</i> . 7(2) : 3818-3822.	5.21
174	Dutta, N., Rahman, S. and Maqbool, I. 2018. Prevalence of microorganisms of hygienic interest in goat carcasses in organized and unorganized abattoirs of Jammu region, India. <i>Journal of Pharmacognosy and Phytochemistry</i> . 7(6) : 1670-1674.	5.21
175	Dutta, N., Rahman, S., Maqbool, I. and Tarfain, N. 2018. Incidence of microorganisms of hygienic interest in organized and unorganized Abattoirs of Jammu region, India. <i>International Journal of Current Microbiology and Applied Sciences</i> . 7(12) : 427-432.	5.38
176	Fatima, K., Gupta, V., Razdan, V.K., Mahajan, S., Sharma, S. and Ganie, S.A. 2019. Bio-control potential of fluorescent pseudomonads against sheath blight of rice. <i>The Pharma Innovation Journal</i> . 8(10) : 254-260.	5.03
177	Ghosh, M., Sharma, N., Gera, M., Kim, N.E., Huynh, D., Zhang, J.J., Min, T., Sodhi, S.S., Kim, M.B., Rekha, V.P.B., Ko, S. and Jeong, D.K. 2018. Insights into phytase-containing transgenic <i>Lemna minor</i> (L.) as a novel feed additive. <i>Transgenic Research</i> . 27 : 211-224.	8.05
178	Ghosh, M., Sharma, N., Gera, M., Pulicherla, K.K. and Jeong, D.K. 2018. Transformation of animal genomics by next-generation sequencing technologies: a decade of challenges and their impact on genomic architecture. <i>Critical Reviews in Biotechnology</i> . 38(8) : 1157-1175.	13.51
179	Gupta, M., Sharma, R. K., Rastogi, A., Bala, S., Saharan, V. and Varun, T.K. 2018. Effect of plane of nutrition on nitrogen balance, blood biochemical and serum enzymes in goats. <i>Indian Journal of Animal Research</i> . 52(11) : 1603-1607.	6.44
180	Gupta, M., Sharma, R.K., Rastogi, A. and Varun, T. K. 2018. Evaluation of purine derivatives concentration index of spot urine samples as an indicator of plane of nutrition in goats. <i>Animal Nutrition and Feed Technology</i> . 18(3) : 333-342.	6.25

181	Gupta, R. 2018. Isolation and characterization of phosphate solubilizing bacteria from rhizosphere soil of rice in Jammu district, India. <i>International Journal of Current Microbiology and Applied Sciences</i> . 7(6) : 2749-2756.	5.38
182	Gupta, R. and Sharma, J.P. 2018. Characterization of PSB isolates in rhizosphere soil of rice varieties grown at OFRC, SKUAST Jammu. <i>International Journal of Current Microbiology and Applied Sciences</i> . 7(9) : 1-8.	5.38
183	Gupta, R.; Wali, V.K., Bakshi, P., Singh, G., Shah, R.A. and Rani, S. 2018. Effects of Gamma irradiation on shoot, root and survival per cent in strawberry cv. Chandler under <i>in vitro</i> conditions. <i>International Journal of Current Microbiology and Applied Sciences</i> . 7(2) : 1173-1182.	5.38
184	Gupta, V., Mahajan, S., Razdan, V.K., Fatima, K. and Sharma, S. 2018. Characterisation of wheat germplasm for slow rust resistance against <i>Puccinia striiformis</i> . <i>Archives of Phytopathology and Plant Protection</i> . 51(3-4) : 207-216.	6.56
185	Gupta, V., Razdan, V.K., Gupta, V., Gupta, S. and Dutta, U. 2018. Integrated management of soil borne diseases by improving soil health with physical and chemical treatments. <i>International Journal of Current Microbiology and Applied Sciences</i> . 7(4) : 1-6.	5.38
186	Gupta, V., Shamas, N., Razdan, V.K., Mahajan, S., Fatima, K., Sharma, S. and Rai, P.K. 2018. Management of brown spot of rice (<i>Oryza sativa</i> L.) caused by <i>Bipolaris oryzae</i> by bio-control agents. <i>International Journal of Current Microbiology and Applied Sciences</i> . 7(4) : 3472-3477.	5.38
187	Hamid, A., Mallick, S.A., Gupta, M., Jeelani, M.I. and Gupta, S. 2018. Gliadin protein antigenicity and health benefitting potential of Indian bread wheat (<i>Triticum aestivum</i> L.) varieties. <i>Journal of Food Science and Technology</i> . 55 : 4841-4850.	7.24
188	Himalini, Singh, R., Bhardwaj, R.K. and Gupta, A.K. 2018. Prevalence and Molecular characterization of <i>Ehrlichia canis</i> in dogs of Jammu region. <i>Journal of Animal Research</i> . 8(4) : 923-927.	5.68
189	Himalini, Singh, R., Bhardwaj, R.K. and Gupta, A.K. 2018. Prevalence and molecular detection of <i>Babesia canis</i> in dogs of Jammu Region. <i>Journal of Animal Research</i> . 8(6) : 1-4.	5.68
190	Huma, Z.I., Sharma, N., Misri, J., Singh, A.K., Jeong, D.K. and Lee, S.J. 2018. Cytotherapeutics: Emerging tool of clinical application in veterinary sciences. <i>International Journal of Livestock Research</i> . 8(7) : 21-37.	5.36
191	Iqbal, Mohd., Sharma, R.K., Rastogi, A., Ali, S. and Bhutyal, D. 2018. Evaluation of effect of silage prepared from <i>Parthenium hysterophorous</i> (Congress grass) and <i>Cannabis</i> sps. (Hemp) with maize on the performance of goats. <i>International Journal of Current Microbiology and Applied Sciences</i> . 7(12) : 3245-3255.	5.38
192	Iqbal, Mohd., Sharma, R.K., Rastogi, A., Ali, S. and Pathak, A.K. 2018. Effect of silage prepared from <i>Parthenium hysterophorous</i> (Congress grass) and <i>Cannabis</i> sps. (Hemp) with maize on blood biochemistry of goats. <i>International Journal of Current Microbiology and Applied Sciences</i> . 7(12) : 3256-3265.	5.38

193	Jamwal, S., Jamwal, A., Dutta, U., Jha, A.C., Kumar, A., Reena and Singh, B. 2018. Efficacy of fungi-toxicants and bio control agents against <i>Fusarium oxysporum</i> f. sp. <i>ciceri</i> . <i>International Journal of Current Microbiology and Applied Sciences</i> . 7(8) : 4592-4598.	5.38
194	Jamwal, S., Jamwal, A., Jha, A.C., Reena, Dutta, U., Kumar, A., Sharma, N., Kumar, S. and Kumar, A. 2017. Evaluation of fungicides, botanicals and <i>Trichoderma</i> spp. against wilt of chickpea caused by <i>Fusarium oxysporum</i> f. sp. <i>ciceri</i> . <i>International Journal of Current Microbiology and Applied Sciences</i> . 6(12) : 1389-1393.	5.38
195	Javid, M. and Rashid, M. 2018. Phenotypic characterization of <i>Listeria ivanovii</i> in sheep in Jammu region of Jammu and Kashmir, India. <i>International Journal of Current Microbiology and Applied Sciences</i> . 7(3) : 3762-3768.	5.38
196	Javid, M., Rashid, M., Nabi, B., Mudasir, M., Bhat, M., Wani, N. and Bhat, M. 2018. Prevalence of gastrointestinal nematodes in sheep and goats reared by Nomads of Jammu region of Jammu and Kashmir. <i>International Journal of Livestock Research</i> . 8(8) : 219-225.	5.36
197	Javid, F., Taku, A., Bhat, M.A., Badroo, G.A., Mudasir, M. and Sofi, T.A. 2018. Molecular typing of <i>Staphylococcus aureus</i> based on coagulase gene. <i>Veterinary World</i> . 11(4) : 423-430.	5.71
198	Jeelani, R., Nanda, R., Kumar, P., Raina, R., Bhushan, B., Rashid, M., Sharma, R.K., Mahapatra, P.S. and Ganai, A.W. 2018. Knowledge, attitude and practices related to pet contact and associated zoonoses in Jammu. <i>Indian Journal of Extension Education</i> . 54(4) : 206-212.	5.32
199	Jha, A.C., Kumar, A., Jamwal, S., Reena and Jamwal, A. 2018. Integrated management of tomato wilt caused by <i>Fusarium oxysporium</i> f. <i>lycopersici</i> . <i>Journal of Entomology and Zoology Studies</i> . 6 (2) : 1338-1341.	5.53
200	Kaleem, I.K., Bhat, Z.F., Kumar, S. and Jayawardena, R.M. 2018. Preservative potential of <i>Tinospora cordifolia</i> , a novel natural ingredient for improved lipid oxidative stability and storage quality of chevon sausages. <i>Nutrition and Food Science</i> . 48(4) : 605-620.	5.26
201	Kaleem, I.K., Bhat, Z.F., Kumar, S., Noor, S. and Desai, A. 2018. The effect of bioactive edible film containing <i>Terminalia arjuna</i> on the stability of some quality attributes of chevon sausages. <i>Meat Science</i> . 140 : 38-43.	9.64
202	Kaleem, K., Bhat, Z.F., Kumar, S., Wang, L., Mudiyansele, R.J. and Bhat, H. 2018. <i>Tinospora cordifolia</i> : a novel bioactive ingredient for edible films for improved lipid oxidative and microbial stability of meat products. <i>Journal of Food Processing and Preservation</i> . 42(11) : 13774.	6.89
203	Kaur, M., Kumar, S., Kumar, A. and Bhat, A. 2018. Physico-chemical and sensory characteristics of developed composite meat chocolate. <i>International Journal of Livestock Research</i> . 8(11) : 229-238.	5.36

204	Kaur, S., Kumar, S. and Kaur, R. 2018. Physico-chemical and organoleptic properties of chhana confection incorporated with mango and pineapple powder. <i>International Journal of Current Microbiology and Applied Sciences</i> . 7(8) : 3110-3120.	5.38
205	Kaur, S., Kumar, S. and Kaur, R. 2018. Utilization of grape powder in the development of chocolate and caramel coated designer chhana delight. <i>Nutrition and Food Science</i> . 48(6) : 886-898.	5.26
206	Kaur, S., Kumar, S., Zama, M.M.S., Kumar, A., Dua, S. and Kaur, R. 2018. Physicochemical properties and sensory attributes of chocolate coated chhana confection incorporated with mango powder and pineapple powder. <i>Journal of Pharmacognosy and Phytochemistry</i> . 7(4) : 3328-3334.	5.21
207	Khajuria, P., Raghuwanshi, P., Koul, A. L., Rastogi, A. Kour, S. and Singh, V.P. 2018. Effect of dietary cholesterol and niacin supplementation on Serum enzymatic alterations in experimentally induced renal dysfunction in Wistar rats. <i>Journal of Animal Research</i> . 8(9) : 579-586.	5.68
208	Khajuria, P., Raghuwanshi, P., Rastogi, A., Koul, A.L., Zargar, R. and Kour, S. 2018. Hepatoprotective effect of seabuckthorn leaf extract on streptozotocin induced diabetes mellitus in wistar rats. <i>Indian Journal of Animal Research</i> . 52(12) : 1745-1750.	6.44
209	Khan, A.M., Raina, R., Dubey, N. and Verma, P.K. 2018. Effect of deltamethrin and fluoride co-exposure on the brain antioxidant status and acetylcholinesterase activity in wistar rats. <i>Drug and Chemical Toxicology</i> . 41(2) : 123-127.	7.94
210	Khanday, S.B., Ahmed J.A., Nashiruddullah, N., Sharma, U. and Chakraborty, D. 2018. Effect of antioxidant ascorbic acid on in vitro maturation of Caprine oocytes under normal and elevated temperatures. <i>Indian Journal of Animal Research</i> . 53(8) : 1020-1024.	6.44
211	Kour, J., Devi, J., Sarma, K. and Chakraborty, D. 2018. Effect of zinc supplementation on oxidative enzyme in male Wistar rats. <i>Journal of Animal Research</i> . 8(4) : 611-614.	5.68
212	Kour, S., Bakshi, P., Sharma, A., Wali, V.K., Jasrotia, A. and Kumari, S. 2018. Strategies on conservation, improvement and utilization of underutilized fruit crops. <i>International Journal of Current Microbiology and Applied Sciences</i> . 7(3) : 638-650.	5.38
213	Kour, S., Devi, J., Sarma, K., Chakraborty, D., Ganai, A.W., Zargar, R. and Khajuria, P. 2018. Effect of vitamin C on oxidative parameters in water deprived goats. <i>Journal. of Animal Research</i> . 8(2) : 251-257.	5.68
214	Kour, S., Khan, A. and Brahma, B. 2018. A field survey on buffalo management practices of gujjars at Indo-Pakistan border of Jammu. <i>International Journal of Current Microbiology and Applied Sciences</i> . 7(7) : 3878-3883.	5.38
215	Kumar, K., Agrawal, R., Pande, N., Mushtaq, M. and Singh, R. 2018. Changes in lipid peroxidation and anti-oxidant enzyme status with aging in dogs. <i>The Haryana Veterinarian</i> . 57 (2) : 224-225.	5.58

216	Kumar, K., Agrawal, R., Pande, N., Sharma, S., Bhavna and Kumar, H. 2018. Occurrence, clinico-haemato-biochemical and histopathological studies on mammary gland tumor in geriatric dogs. <i>The Pharma Innovation Journal</i> . 7(5) : 301-304.	5.03
217	Kumar, M., Jamwal, M., Kumar, V., Charak, A. and Rai, A.P. 2018. Effect of orchard management practices in high density of Apple cv. Mollies Delicious under temperate condition. <i>Journal of Soil and Water Conservation</i> . 17(3) : 288-293.	5.08
218	Kumar, R., Bakshi, P., Jasrotia, A., Jamwal, M. and Kumar. V. 2018 Performance of apple cultivars in Bhandarwah climatic condition, Jammu and Kashmir. <i>International Journal of Chemical Studies</i> . 6(3) : 3519-3521.	5.31
219	Kumar, R., Reena, Saravanan, S., Bakshi, P., Kumar, A., Singh, M. and Kumar, V. 2018. Influence of plant growth regulators on strawberry: A review. <i>International Journal of Chemical Studies</i> . 6(1) : 1236-1239.	5.31
220	Kumar, S., Sharma, U., Kumar, S. and Bhardwaj, R.K. 2018. Effect of corpus luteum on quantity and quality of oocytes recovered from sheep ovaries. <i>The Haryana Veterinarian</i> . 57(2) : 173-174.	5.58
221	Kumar, V. and Sharma, K.R. 2018. Macronutrients distribution in submontane soils of the Jammu in relation to soil properties. <i>International Journal of Chemical Studies</i> . 6(3) : 2263-2270.	5.31
222	Kumar, V., Sharma, K.R., Arya, V.M. and Sharma, V. 2018. Landuse effects on structural stability and soil organic carbon in the submontane areas of north-western Himalayas, India. <i>Journal of Soil and Water Conservation</i> . 17(2) : 117-122.	5.08
223	Kumar, V., Sharma, K.R., Sharma, V. and Arya, V.M. 2018. Land use effects on soil organic carbon stocks in the submontane areas of north-western Himalayas, India. <i>International Journal of Chemical Studies</i> . 6(3) : 2296-2301.	5.31
224	Kumar, V., Sharma, V., Gupta, N., Kumar, R., Singh, B., Kumar, M. and Singh, V.B. 2018. Soil mulches able to mitigate soil water deficiency impacts on Eureka lemon (<i>Citrus limon</i> Burm) production in rainfed environments in the Shivaliks of Jammu. <i>International Journal of Chemical Studies</i> . 6(3) : 2578-2584.	5.31
225	Kumari, S., Bakshi, P., Sharma, A., Wali, V.K., Jasrotia, A. and Kour, S. 2018. Use of Plant Growth Regulators for Improving Fruit Production in Sub Tropical Crops. <i>International Journal of Current Microbiology and Applied Sciences</i> . 7(3) : 659-668.	5.38
226	Mahajan, A., Sharma, H.K., Haq, Z., Jeelani, R., Ganai, A.W. and Sharma, R. 2018. Spatio-temporal variation of drinking water in district Jammu of J&K, India. <i>Journal of Entomology and Zoology Studies</i> . 6(3) :1528-1531.	5.53
227	Mahajan, A., Sharma, H.K., Haq, Z., Jeelani, R., Ganai, A.W. and Sharma, R. 2018. Microbial examination of drinking water in district Jammu of J&K, India. <i>Journal of Entomology and Zoology Studies</i> . 6(3) : 1532-1535.	5.53
228	Mahajan, L., Verma, P.K., Raina, R. and Sood, S. 2018. Toxic effects of imidacloprid combined with arsenic: Oxidative stress in rat liver. <i>Toxicological and Industrial Health</i> . 34(10) : 726-735.	7.64

229	Mahajan, T., Sarma, K., Devi, J. and Chakraborty, D. 2018. Prenatal development of the foetal kidney in goat- A biometrical approach. <i>Veterinary Practitioner</i> . 19(1) : 52-55.	5.00
230	Mahajan, V., Das, A. K., Taggar, R. K., Kumar, D. and Sharma, R. 2018. Polymorphism of keratin-associated protein (KAP) 7 gene and its association with wool traits in Rambouillet sheep. <i>Indian Journal of Animal Sciences</i> . 88(2) : 206-209.	6.23
231	Mahajan, V., Das, A.K., Taggar, R.K., Kumar, D., Khan, N., Sharma, R. and Shanti, V. R. 2018. Effect of non-genetic factors on some wool traits in Rambouillet sheep. <i>International Journal of Current Microbiology and Applied Sciences</i> . 7 : 3958-3965.	5.38
232	Mahajan, V., Das, A.K., Taggar, R.K., Kumar, D., Khan, N., Sharma, R. and Shanti, V. R. 2018. Non-genetic factors influencing the wool traits of Rambouillet sheep in Jammu. <i>International Journal of Current Microbiology and Applied Sciences</i> . 7 : 3966-3973.	5.38
233	Mehta, G., Kumar, R., Bakshi, P., Wali, V.K., Jasrotia, A., Kumar, R., Bhushan, B. and Bhat, D.J. 2018. Standardization of method and time of grafting on pecan under intermediate agro-climatic conditions. <i>Indian Journal of Agricultural Sciences</i> . 88(7) : 1088-1091.	6.25
234	Mehta, G., Kumar, R., Wali, V.K., Sharma, A Mehta, S.K., Bhat, A and Lal, M. 2018. Economics of different grafting methods on pecan nut (<i>Carya illinoensis</i> Wangenh) under intermediate agro-climate conditions of Jammu and Kashmir. <i>International Journal of Current Microbiology and Applied Sciences</i> . 7(8) : 3305-3309.	5.38
235	Melgar, D.C., Bouza, C. and Jeelani, M.I. 2018. An invariant diversity index. <i>Academic Web Journal of Scientific Research</i> . 2(1) : 001-011.	10.00
236	Minhaj, S.U., Khandi, S.A., Bafanda, R.A., Bhushan, B., Choudhary, F. and Khateeb, A.M. 2018. Constraints perceived by Dairy farmers in the adoption of improved animal Husbandry practices in Doda district. <i>International Journal of Livestock Research</i> . 9(2) : 319-326.	5.36
237	Mir, M.A., Sharma, R.K., Rastogi, A., Haq, Z. and Ganai, I.A. 2018. Effect of dietary incorporation of walnut cake (<i>Juglans regia</i>) on calcium-phosphorus balance and blood biochemical parameters in goats. <i>Veterinarski Arhiv</i> . 88(6) : 763-771.	6.43
238	Muheet, Tikoo, A., Ashraf, I., Chhibber, S., Soodan, J.S., Singh, R., Muhee, A., Nazim, K. and Majeed, A. 2018. The use of racecadotril as an effective adjunct therapeutic measure in the management of diarrhea. <i>The Pharma Innovation Journal</i> . 7(4) : 610-612.	5.03
239	Muheet, Tikoo, A., Nazim, K., Singh, R., Bukhari, S. and Ashraf, I. 2018. Zinc supplementation as a therapeutic managemental tool in diarrhoeal dogs. <i>Journal of Entomology and Zoology Studies</i> . 6(3) : 454-456.	5.53

240	Nashiruddullah, N., Pathak, D.C., Barman, N.N., Ahmed, J.A., Borah, P., Begum, S.S. and Islam, S. 2018. In vitro and in vivo assessment of orf virus (ORFV) by electron microscopy. <i>Veterinarski Arhiv</i> . 88(6) : 847-861.	6.43
241	Neeraj, A. and Kumar, P. 2018. Problems perceived by Livestock farmers in utilization of Livestock extension services of animal husbandry Department in Jammu District of Jammu and Kashmir, India. <i>International Journal of Current Microbiology and Applied Sciences</i> . 7(2) : 1106-1113.	5.38
242	Noor, S., Bhat, Z.F., Kumar, S. and Mudiyansele, R.J. 2018. Preservative effect of <i>Asparagus racemosus</i> : A novel additive for bioactive edible films for improved lipid oxidative stability and storage quality of meat products. <i>Meat Science</i> . 139 : 207-212.	9.48
243	Pandey, A.K., Kumar, S., Sharma, U. and Mir, M. 2018. Surgical Correction of Congenitally Fused Vulva Labia in A Cross Bred Heifer. <i>International Journal of Current Microbiology and Applied Science</i> . 7(10) : 841-844.	5.38
244	Pandey, A.K., Mir, M., Wani, M. J., Kumar, S. and Kumar, S. 2018. Management of Dystocia in sheep-A case report. <i>International Journal of Current Microbiology and Applied Science</i> . 7(10) : 1800-1803.	5.38
245	Pandita, S., Prawez, S., Bhat, M.A., Raina, R. and Verma, P.K. 2018. Effect of repeated oral administration of lead and repeated dermal exposure of λ -cyhalothrin alone and in combination on the hematological parameters in goats. <i>Journal of Pharmacognosy and Phytochemistry</i> . 7(4) : 3197-3201.	5.21
246	Plathia, M., Wali, V.K., Bakshi, P. and Sharma, N. 2018. Studies on variability of seedling origin jamun (<i>Syzygium cumini</i> (L.) Skeels) germplasm growing in subtropical region of Jammu, India. <i>International Journal of Current Microbiology and Applied Sciences</i> . 7(2) : 3363-3368.	5.38
247	Rai, A.P., Tundup, P., Mondal, A. K., Kumar, V., Samanta, A., Kumar, M., Arora, R.K. and Dwivedi M.C. 2018. Cationic micronutrient status of some soils under different cropping system of Kishtwar district (J&K), India. <i>International Journal of Current Microbiology and Applied Science</i> . 7(1) : 3596-3602.	5.38
248	Rai, G.K., Mahajan, O., Kotwal, S., Banoo, M., Singh, M., Rai, P.K. and Sinha, B.K. 2018. Ascorbate peroxidase and superoxide dismutase genes alteration in tomato (<i>Solanum lycopersicum</i> Mill) under drought stress condition. <i>International Journal of Current Microbiology and Applied Sciences</i> . 7(8) : 3670-3681.	5.38
249	Raina, D., Singh, B., Bhat, A.K., Satti, N.K. and Singh, V.K. 2018. Antimicrobial activity of endophytes isolated from <i>Picrorhizakurroa</i> . <i>Indian Phytopathology</i> . 71(1) : 103-113.	5.90
250	Rashid, M., Gadora, R., Yado, A. and Katoch, R. 2018. Prevalence of ticks in sheep and goats of Jammu Region. <i>Indian Journal of Small Ruminants</i> . 24(1) : 183-186.	5.25

251	Rashid, M., Jeelani, R. and Javaid, M. 2018. Behaviour assessment of migratory Nomads towards zoonotic importance of Scabies/mange infestation. <i>Indian Journal of Extension Education</i> . 54 (3) : 119-122.	5.32
252	Reena, Padha, M., Singh, S.K., Kumar, A., Sinha, B.K., Jamwal, S. and Jamwal, B.S. 2018. Fungicidal activity of plants of Jammu region against chickpea wilt; <i>Fusarium oxysporum</i> . <i>Journal of Entomology and Zoology Studies</i> . 6(1) : 1061-1064.	5.53
253	Reena, Sharma, M., Jamwal, S., Kumar, A., Singh, M. and Sinha, B.K. 2018. Managing chickpea wilt <i>Fusarium oxysporum</i> through use of biorationals. <i>Legume Research</i> . LR-3987 : 1-6.	6.34
254	Reshi, M., Mehraj, M., Kanojia, V and Sharma, A. 2018. Storage behavior and cooking quality of potato varieties. <i>The Pharma Innovation Journal</i> . 7(3) : 853-855.	5.03
255	Sasan, J.S., Sarma, K. and Suri, S. 2018. Gross and morphometrical studies on Scapula of barking deer (<i>Muntiacus muntjak</i>). <i>International Journal of Current Microbiology and Applied Sciences</i> . 7(2) : 2820-2825.	5.38
256	Shahjar, F., Khandi, S.A., Bafanda, R.A., Bhushan, B. and Khateeb, A.M. 2018. Study of relationship between socio-economic profile and perceived training needs of dairy farmers in Jammu district of Jammu and Kashmir, India. <i>The Pharma Innovation</i> . 7(11) : 71-76.	5.03
257	Sharma, D., Gupta, M., Gupta, S., Kashyap, P.L, Zargar, S.M. and Mallick, S.A. 2018. Antibiotic gene specific characterization and ARDRA analysis of native isolates of <i>Pseudomonas</i> spp. from Jammu. <i>Indian Phytopathology</i> . 71 : 225-233.	5.90
258	Sharma, M., Jasrotia, N., Kumar, B., Bhat, A. and Mahajan, S. 2018. Modeling of Monthly Arrival of Rohu Fish using ARIMA in Jammu Region of J&K State, <i>Journal of Animal Research</i> . 8(2) : 259-262.	5.68
259	Sharma, N., Kumar, A., Sharma, B.C., Sharma, V. and Kumar, M. 2018. Effects of sowing time and weed management practices on weed dynamics, productivity and quality of direct seeded basmati rice. <i>Bangladesh Journal of Botany</i> . 47 : 279-286.	6.21
260	Sharma, N., Singh, S.G., Huma, Z.I., Sharma, S., Misri, J., Gupta, S.K. and Hussain, K. 2018. Mastitis occurrence pattern in dairy cows and importance of related risk factors in the occurrence of mastitis. <i>Journal of Animal Research</i> . 8(2) : 315-326.	5.68
261	Sharma, P., Abrol, V., Sharma, N. and Anand, S. 2018. Biochar: A Source of C Sink and Soil Health- A Review. <i>International Journal of Current Microbiology and Applied Sciences</i> . 7(4) : 3622-3631.	5.38
262	Sharma, R., Singh, M., Kotwal, S.K., Sharma, R. and Katoch, R. 2018. Study on prevalence of biofilm forming bacteria and their antibiotic resistance pattern in veterinary hospital environment of Jammu region (India). <i>Veterinary Practitioner</i> . 18(2) : 165-168.	5.00

263	Sharma, R.K., Taku, A.K., Malik, A., Bhat, M.A., Javed, R., Badroo, G.A. and Kour, A. 2018 Molecular characterization and antimicrobial profiling of <i>E. coli</i> Isolates from Diarrheic calves. <i>Indian Journal of Animal Sciences</i> . 87(12) : 1467-1470.	6.23
264	Sharma, S., Azmi, S., Sharma, S., Rahman, S. and Nashiruddullah, N. 2018. Effect of vitamin C on experimental inoculation with Salmonella enteritidis in Broiler chickens with reference to Haemato-Biochemical profile. <i>International Journal of Current Microbiology and Applied Sciences</i> . 7(9) : 88-96.	5.38
265	Sharma, S., Sharma, V., Arora, S., Kumar, V., Arya, V.M. and Sharma, K.R. 2018. Forms of potassium in mango, citrus and guava orchard soils under rainfed foothill region of Jammu. <i>Journal of the Indian Society of Soil Science</i> . 66(3) : 336-340.	5.23
266	Singh, A.K., Kumar, S., Engngala, A.O., Kumar, A., Singh, A.P. and Singh, P. 2018. Efficacy of insecticides against blister beetle mylabris phalerata (pallas) on soybean. <i>Indian Journal of Entomology</i> . 80 (3) : 720-724.	5.89
267	Singh, B., Kumar, A., Abrol, V., Singh, A.P., Kumar, J. and Sharma, A. 2018. Integrated plant nutrient management on pearl millet (<i>Pennisetum glaucum</i>) productivity in rainfed subtropic Shivalik foothills of Jammu and Kashmir. <i>Indian Journal of Agronomy</i> . 63(2) : 195-97.	5.46
268	Singh, D., Gupta, S.K., Sharma, N. and Kumar, A. 2018. Bovine ruminal acidosis: Rumen liquor and its therapeutic management. <i>Journal of Animal Research</i> . 8(4) : 691-696.	5.68
269	Singh, D., Gupta, S.K., Sharma, N. and Kumar, A. 2018. Prevalence of bovine ruminal acidosis in and around Jammu and its impact on haemato-biochemical profile. <i>Journal of Animal Research</i> . 8(3) : 537-544.	5.68
270	Singh, H. and Gupta, R. 2018. Enumeration, isolation and identification of diazotrophic bacteria in rhizosphere soil of two rice varieties in Jammu district, India. <i>International Journal of Current Microbiology and Applied Sciences</i> . 7(8) : 3041-3052.	5.38
271	Singh, I., Gupta, V., Fatima, K., Razdan, V.K., Choskit, D., Mahajan, S., and Sharma, S. 2018. Weather based forewarning model for yellow rust of wheat in scarcity zone of J&K, India. <i>International Journal of Current Microbiology and Applied Sciences</i> . 7(5) : 3506-3511.	5.38
272	Singh, J., Kumar, P., and Singh, A. 2018. Knowledge level of dairy farmers about scientific dairy practices in Jammu district of Jammu and Kashmir. <i>Ruminant Science</i> . 7(1) : 117-122.	5.00
273	Singh, R., Malik, M.A., Sankar, M., Singh, M., Sharma, H.K. and K.Sahil. 2018. Development of an indirect enzyme-linked immunosorbent assay using recombinant microneme 10 (MIC10) protein of toxoplasma gondii for diagnostic evaluation in Murine model infected with Tachyzoites. <i>International Journal of Current Microbiology and Applied Sciences</i> . 7(3) : 416-425.	5.38

274	Singh, R., Sharma, N., Bhardwaj, R. and Hussain, K. 2018. Trace mineral status of buffaloes (<i>Bubalus bubalis</i>) from north-west Himalayas of Jammu region in relation to fodder levels. <i>Indian Journal of Animal Sciences</i> . 88(5) : 540-545.	6.23
275	Sood, S., Yadav, A., Katoch, R., Sood, R., Ganai, A. and Imtiaz, S. 2018. <i>Hymenolepis nana</i> infection in laboratory rats: A case report. <i>Journal of Entomology and Zoology Studies</i> . 6(4) : 1202-1204.	5.53
276	Sudan, A., Taggar, R.K., Chakraborty, D., Kumar, D. and Kumar, N. 2018. Factors affecting performance traits in Rambouillet sheep. <i>Indian Journal of Animal Sciences</i> . 88(12) : 1406-1408.	6.23
277	Suri, S., Sasan, J.S. and Sarma, K. 2018. Gross and Morphometrical Studies on Mandible of Civet Cat (<i>Viverricula indica</i>). <i>International Journal of Current Microbiology and Applied Sciences</i> . 7(10) : 229-233.	5.38
278	Tikoo, A., Soodan, J.S. and Singh, G. 2018. Epidemiological studies on calf diarrhea in Jammu region. <i>Journal of Animal Research</i> . 8(3) : 1-6.	5.68
279	Vishaw, V., Sharma, V. and Panotra, N. 2018. Mapping of soil macro-nutrients in the Kathua district of Jammu region using GIS approach. <i>International Journal of Chemical Studies</i> . 6 : 2661-2666.	5.31
280	Wani, H., Rehman, S., Shoukat, S., Kour, N. and Ayoub, B. 2018. Pathomorphological changes in liver, kidney and brain of Broiler birds due to Chlorpyrifos Intoxication. <i>International Journal of Livestock Research</i> . 8(2) : 266-274.	5.36
281	Wani, J.M., Sharma, U., Beigh, S.A., Khan, S.U.H., Sheikh, A.A., Pandey, A.K., Wani, N.M., Ganaie, M.Y., Pirzada, A.R. and Haq, Z. 2018. Evaluation of biochemical profile of estrus induced ewes during non breeding season. <i>Journal of Entomology and Zoology Studies</i> . 6(1) : 796-799.	5.53
282	Wani, J.M., Wani, N.M., Javid, F., Najjar, A.A., Khurseed, A., Pandey, A.K. and Kumar, S. 2018. A case study: Surgical resection of perianal tumorous mass in male Labrador. <i>Journal of Pharmacognosy and Phytochemistry</i> . 7(4) : 1042-1043.	5.21
283	Wani, M.A., Razzaque, W.A.A. and Sharma, U. 2018. Effect of Vitamin-E and Selenium Supplementation on Oxidative Stress Parameters in Postpartum Anestrus Buffaloes. <i>Journal of Entomology and Zoology Studies</i> . 6(2) : 3179-3181.	5.53
284	Zaffer, V., Taggar, R., Chakraborty, D., Singh, S., and Azhar, P. M. 2018. Genetic studies on growth and production traits in Rambouillet sheep. <i>International Journal of Livestock Research</i> . 8(12) : 264-269.	5.36

S. No.	Details of published paper	NAAS rating
285	Abrol, V., Sharma, R.K., Sharma, V., Sharma, P., Sharma, K.R., Kumar, A. and Sharma, M. 2019. Landuse impact on soil physical variability and erodibility in North Western subtropics of India. <i>Journal of Environmental Biology</i> . 4 : 668-673.	6.56
286	Ahmed, J.A., Nashiruddullah, N., Dutta, D., Hussain, I., Baruah. A. and Dutta, A. 2019. Effect of heat stress and amelioration by antioxidants on expression profile of pro- and anti-apoptotic genes in <i>in vitro</i> matured bovine oocytes. <i>International Journal of Current Microbiology and Applied Sciences</i> . 8(2) : 2394-2403.	5.38
287	Ahmed, J.A., Nashiruddullah, N., Kour, J. And Chakraborty, D. 2019. Acute effect of intravenous ethanol on electrocardiogram of New Zealand white rabbits. <i>International Journal of Current Microbiology and Applied Sciences</i> . 8(2) : 125-130.	5.38
288	Ahmed, J.A., Nashiruddullah, N., Kour, Juneet and Chakraborty, D. 2019. Acute effect of intravenous ethanol on electrocardiogram of New Zealand White rabbits. <i>International Journal of Current Microbiology and Applied Sciences</i> . 8(2) : 125-130.	5.38
289	Ahmed, S., Rattanpal, H.S., Gul, K., Dar, R.A. and Sharma, A. 2019. Chemical composition, antioxidant activity and GC-MS analysis of juice and peel oil of grapefruit varieties cultivated in India. <i>Journal of Integrative Agriculture</i> . 18(7) : 1634-1642.	7.34
290	Alaie, T.A. and Gupta, R. 2019. Assessment of soil pH, EC and OC in different land use systems of Doda district, J&K, India. <i>International Journal of Current Microbiology and Applied Sciences</i> . 8(6) : 813-818.	5.38
291	Allende-Alonso, S., Bouza-Herrera, C.N., Rizvi, S.E.H. and Sautto-Vallejo, J.M. 2019. Big data and the central limit theorem: A statistical legend. <i>Revista Investigacion Operacional</i> . 40 (1) : 112-123.	6.12
292	Bakshi, P.; Kumar, R; Kour, G; Wali, V.K.; Bhat, D. and Hazarika, T.K. 2019. Maturity indices of aonla cultivars under rainfed conditions of Shivalik foothills of Himalayas. <i>Journal of Agricultural Science and Technology</i> . 20(12) : 1517-1524.	6.83
293	Banoo, M., Sinha, B.K., Chand, G., Dogra, S. and Reena. 2019. Mode of action of commonly used herbicides and their impact on crops and the environment. Review. <i>International Journal of Current Microbiology and Applied Sciences</i> . 8(12) : 527-533.	5.38
294	Berian, S., Gupta, S.K., Sharma, S., Ganai, I., Dua, S. and Sharma, N. 2019. Effect of heat stress on physiological and hemato-biochemical profile of cross bred dairy cattle. <i>Journal of Animal Research</i> . 9(1) : 95-101.	5.68

295	Bhagat, S., Dutta, U. and Mahajan, T. 2019. Antifungal activities of important botanicals against plant pathogens. <i>International Journal of Current Microbiology and Applied Sciences</i> . 8(10) : 531-545.	5.38
296	Bhavna, Pande, N., Agarwal, R. and Sharma, U. 2019. Modulation of postpartum uterine health using proteolytic enzymes in crossbred dairy cows. <i>The Haryana Veterinarian</i> . 58(1) : 124-126.	5.58
297	Chalotra, R., Mallick, S.A., Gupta, M., Sharma, D. and Gupta, S. 2019. Production of cell wall degrading enzymes and antibiotic by <i>Pseudomonads</i> for assessing their biocontrol potential. <i>Indian Journal of Agricultural Sciences</i> 89 : 994-997.	6.25
298	Chanoria, A. and Kumar, P. 2019. Empowerment level of rural women engaged in livestock rearing in Kathua district of Jammu and Kashmir. <i>Ruminant Science</i> . 8(2) : 237-242.	5.00
299	Chanoria, A., Kumar, P., Ahmed, R. and Shah, M. 2019. Analysis of time utilization pattern of rural women engaged in livestock rearing as compared to men folk. <i>International Journal of Livestock Research</i> . 9(4) : 212-217.	5.36
300	Chhagan. B.R., Sharma, M.P., Sharma, K.R., Samanta, A., Wani, O.A., Kachroo, D., Kumar, M., Razdan, V.K., Sharma, V., Mondal, A.K. and Arya, V.M. 2019. Impact of organic, inorganic and biofertilizers on crop yield and N, P and K uptake under rainfed maize-wheat cropping system. <i>International Journal of Current Microbiology and Applied Sciences</i> . 8(4) : 2546-2564.	5.38
301	Chhagan. B.R., Sharma, M.P., Sharma, K.R., Samanta, A., Wani, O.A., Kachroo, D., Kumar, M., Razdan, V.K., Sharma, V., Mondal, A.K. and Arya, V.M. 2019. Effect of organic, inorganic and bio fertilizers on soil physicochemical properties in rainfed maize-wheat cropping system of Jammu. <i>International Journal of Current Microbiology and Applied Sciences</i> . 8(4) : 2539-2545.	5.38
302	Danish, F.; Rizvi, S.E.H., Sharma, M., Jeelani, M.I., Kumar, B. and Dar, Q.F. 2019. Optimum stratification by two stratifying variables. <i>Investigación Operacional</i> . 40(5) : 562-573.	6.12
303	Dar, M.A., Khan, A.M., Raina, R., Verma, P.K. and Wani, N.M. 2019. Effect of bifenthrin on oxidative stress parameters in the liver, kidneys and lungs of rats. <i>Environmental Science and Pollution Research</i> . 26(9) : 9365-9370.	8.91
304	Dogra, K., Kumar, R., Bakshi, P. and Kour, K. 2019. Effect of foliar application of potassium and plant growth regulators on vegetative characteristics of Kinnow mandarin under rain-fed condition. <i>International Journal of Chemical Studies</i> . 7(2) : 447-449.	5.31
305	Dogra, S., Chand, G., Sinha, B.K. and Banoo, M. 2019. Programmed cell death (PCD) regulation related to development in plant. Review. <i>International Journal of Current Microbiology and Applied Sciences</i> . 8(12) : 2324- 2331.	5.38

306	Dogra, S., Singh, R., Ravinder, S. and Tikoo, A. 2019. Effect of claw disorders on haemato-biochemical parameters and acute phase protein levels in crossbred cattle. <i>Indian Journal of Animal Research</i> . 54 (2) : 173-176.	6.44
307	Dogra, S., Singh, R., Ravinder, S. and Tikoo, A. 2019. Effect of lameness due to claw disorders on oxidative and mineral profile of crossbred cattle. <i>Indian Journal of Animal Sciences</i> . 89(8) : 829-832.	6.23
308	Faiza, F., Kumar, A, Dwivedi, D.K., Zama, M.M.S, Sharma, A, Gupta, P and Bhardwaj, H.R. 2019. Clinical evaluation of demineralized bone matrix in femur fracture in dogs. <i>Journal of Animal Research</i> . 9(2) : 269-273.	5.68
309	Farooq, F., Kumar, A., Dwivedi, D.K., Zama, M.M.S., Sharma, A., Gupta, P. and Bhardwaj, H.R. 2019. Clinical evaluation of demineralized bone matrix in femur fracture in dogs. <i>Journal of Animal Research</i> . 9(2) : 269-273.	5.68
310	Gangoliya, S.R., Kumar, S., Alam, S.I., Sharma, H.K., Singh, M., Kotwal, S.K., Berri, M. and Kamboj, D.V. 2019. First molecular and serological evidence of <i>Coxiellaburnetti</i> infection among sheep and goats of Jammu province of India. <i>Microbial Pathogenesis</i> . 130 : 100-103.	8.58
311	Gera, M., Kim, N., Ghosh, M., Sharma, N., Huynh, D.L., Chandimali, N., Koh, H., Zhang, J.J., Kang, T.Y., Park Y.H., Kwon T. and Jeong D.K. 2019. Synthesis and evaluation of the antiproliferative efficacy of BRM270 phytocomposite nanoparticles against human hepatoma cancer cell lines. <i>Materials Science and Engineering</i> . 97 : 166-176.	10.65
312	Ghosh, M., Sharma, N., Gera, M., Kim, N.E., Sodhi, S.S., Pulichera, K.K., Huynh, D., Kim, D.C., Zhang, J.J., Kwon, T., Do, K.T., Lee, H.K., Song, K.D. and Jeong, D.K. 2019. The first comprehensive description of the expression profile of genes involved in differential body growth and the immune system of the Jeju native pig and miniature pig. <i>Amino Acid</i> . 51(3) : 495-511.	9.10
313	Gupta, M., Bhagat, S., Kumar, S., Kour, S. and Gupta, V. 2019. Production potential and quality of fodder maize (<i>Zea mays</i>) varieties under varying intercropping systems with cowpea (<i>Vigna unguiculata</i>). <i>Range Management and Agroforestry</i> . 40 (2) : 243-249.	6.10
314	Gupta, R. Effect of soil incubation with organics on rhizosphere and bulk soil properties, root and alkaloid content of <i>Withaniasomnifera</i> L. Dunal and its performance in Jammu division. <i>Journal of Environment Biology</i> . 41 : 1632-1640.	6.56
315	Gupta, R., Rai, A.P. and Swami, S. 2019. Soil enzymes, microbial biomass carbon and microbial population as influenced by integrated nutrient management under onion cultivation in sub-tropical zone of Jammu. <i>Journal of Pharmacognosy and Phytochemistry</i> . 8(3) : 194-199.	5.21
316	Gupta, R., Swami, S. and Rai, A.P. 2019. Impact of integrated application of vermicompost, farmyard manure and chemical fertilizers on okra (<i>Abelmoschus esculentus</i> L.) performance and soil biochemical properties. <i>International Journal of Chemical Studies</i> . 7(2) : 1714-1718.	5.31

317	Gupta, S., Gupta, M., Sharma, D. and Bhat, N. 2019. Deciphering multifarious properties of <i>Pseudomonads</i> suppressing tomato (<i>Solanum lycopersicum</i>) wilt. <i>Indian Journal of Agricultural Sciences</i> . 89 : 1317-1322.	6.25
318	Hamid, A., Mallick, S.A., Gupta M., Gupta, S. and Haq, M.R.U. 2019. Amelioration in gliadin antigenicity and maintenance of viscoelastic properties of wheat (<i>Triticum aestivum</i> L.) cultivars with mixed probiotic fermentation. <i>Journal of Food Science and Technology</i> . 56 : 4282-4295.	7.85
319	Hussain, S., Sharma, V., Arya, V.M., Sharma, K.R. and Rao, C.S. 2019. Total organic and inorganic carbon in soils under different land use/land cover systems in the foothill Himalayas. <i>Catena</i> . 182 : 104.	9.85
320	Iqbal, M., Wali, V.K., Bakshi, P., Kour, K., Razdan, V.K., Sinha, B.K. and Sood, K.K. 2019. <i>In vitro</i> propagation of Citrus species through callus induction and regeneration: A Review. <i>International Journal of Current Microbiology and Applied Sciences</i> . 8(10) : 2282-2295.	5.38
321	Jakhar, G.L., Sharma, P., Sharma, K.R., Sharma, V., Abrol, V., Sharma, M. and Sharma, N. 2019. Soil bulk density as a soil physical health indicator under different land use systems. <i>Journal of Soil and Water Conservation</i> . 18(4) : 326-333.	5.08
322	Javid, R., Taku, A., Bhat, M.A., Badroo, G.A. and Sharma, R.K. 2019. Biochemical characterization and molecular detection of <i>Streptococcus pluranimalium</i> by 16S rRNA PCR. January 2019. <i>International Journal of Livestock Research</i> . 9(5) : 260-264.	5.36
323	Jeelani, R., Konwar, D., Khan, A., Kumar, D., Chakraborty, D. and Brahma, B. 2019. Reassessment of temperature-humidity index for measuring heat stress in crossbred dairy cattle of a sub-tropical region. <i>Journal of Thermal Biology</i> . 82 : 99-106.	7.90
324	Jeelani, R., Nanda, R., Peshin, R., Kumar, P., Jeelani, R., Kumar, D. and Bano, F. 2019. Trends in small ruminant meat production, import and demand in Jammu and Kashmir state. <i>Indian Journal of Extension Education</i> . 55(2) : 101-105.	5.32
325	Jha, A.C., Jamwal, S., Reena, Kumar, A. and Singh, P. 2019. Loss Assessment caused by economically important pea (<i>Pisum sativum</i> L.) diseases and their management in hills of Doda (Jammu and Kashmir) under field condition. <i>International Journal of Current Microbiology and Applied Sciences</i> . 8(5) : 170-176.	5.38
326	Khajuria, P., Raghuwanshi, P., Koul, A.L., Rastogi, A., Chakraborty, D., Singh, V.P., Kour, S. and Wazir, V.S. 2019. Effect of cholesterol and niacin supplementation on serum lipid profile in experimentally induced renal dysfunction in Wistar rats. <i>International Journal of Current Microbiology and Applied Sciences</i> . 8(8) : 1019-1028.	5.38

327	Khajuria, S., Mondal, A.K., Samantha, A., Arya, V.M., Kour, S. and Raina, V. 2019. Response of different levels of brown levels mulching and moisture regimes on yield of cauliflower (<i>Brassica oleracea</i> var. Botrytis L) CVPSB1 under Jammu condition. <i>International Journal of Chemical Studies</i> . Spl 6 : 378-382.	5.31
328	Khandey, S.B., Ahmed, J.A., Nashiruddullah, N., Sharma, U. and Chakravarty, D. 2019. Effect of antioxidant ascorbic acid on <i>in vitro</i> maturation of caprine oocytes under normal and elevated temperatures. <i>Indian Journal of Animal Research</i> . 53(8) : 1020-1024.	6.44
329	Khursheed, I., Masud, S., Khan, A., Dua, S., SimranKour, S. and Khursheed, I. 2019. Impact of <i>Azolla</i> fed poultry excreta on water qualities and performance of common carp. <i>Journal of Pharmacognosy and Phytochemistry</i> . 8(3) : 2495-2499.	5.21
330	Khursheed, I., Masud, S., Khan, A., Khan, N., Kour, S., Dua, S. and Khursheed, I. 2019. Proximate evaluation of <i>Azollapinnatas</i> suitable feed supplement for poultry. <i>Journal of Pharmacognosy and Phytochemistry</i> . 8(3) : 3157-3160.	5.21
331	Kour, D., Wali, V.K., Bakshi, P., Bhat, D.J., Sharma, B.C., Sharma, V. and Sinha, B.K. 2019. Effect of integrated nutrient management strategies on nutrient status and soil microbial population in aonla (<i>Emblica officinalis</i> Gaertn.) Cv. NA-7. <i>International Journal of Current Microbiology and Applied Sciences</i> . 8(9) : 1272-1281.	5.38
332	Kour, D., Wali, V.K., Bakshi, P., Bhat, D.J., Sharma, B.C., Sharma, V. and Sinha, B.K. 2019. Effect of organic and inorganic fertilizers along with <i>Azotobacter</i> on growth, yield and quality of aonla (<i>Emblica officinalis</i> Gaertn.) Cv. NA-7. <i>International Journal of Current Microbiology and Applied Sciences</i> . 8(9) :1142-1151.	5.38
333	Kour, K., Devi, J., Koul, A.L., Chakraborty, D. and Azad, M.S. 2019. Effect of chromium supplementation on physiological parameters in local buffaloes during different seasons. <i>International Journal of Current Microbiology and Applied Sciences</i> . 8(7) : 1178-1183.	5.38
334	Kour, S., Khan, A., Brahma, B., Jeelani, R. Khursheed, I. and Dua, S. 2019. A study on buffalo management practices followed by gujjars of Jammu. <i>International Journal of Current Microbiology and Applied Sciences</i> . 8(3) : 218-221.	5.38
335	Kumar, R., Kumar, V., Singh, V.B. and Bakshi, P. 2019. Influence of rootstocks on vegetative growth of Kinnow mandarin scion under rainfed areas. <i>International Journal of Chemical Studies</i> . 7(5) : 2379-2383.	5.31
336	Kumar, S., Kushwaha, R.B. and Soodan, J.S. 2019. Surgical management of vaginal fibrosarcoma tumour in a cross bred cow. <i>The Haryana Veterinarian</i> . 58 (SI; 4) : 119-120.	5.58

337	Kumar, S., Sharma, U., Malik, M.A. and Kumar, S. 2019. Vaginal Bacterial Profile in Buffaloes Following Treatment with Progesterone Insert. <i>Journal of Animal Research</i> . 9(2) : 359-361.	5.68
338	Kumar, S., Singh, M., Kumar, A., Singh, K., Sharma, J.P. and Gupta, V. 2019. Development of drought tolerant, insect and wilt resistant variety of Lentil (<i>Lens culinaris</i>): Jammu Lentil-144 for rainfed areas of J&K. <i>Journal of Agrometeorology</i> . 21 (Spl-I) : 205-210.	6.64
339	Mansoor, S., Ahmed, N., Sharma, V., Jan, S., Nabi, S.U., Mir, J.I., Mir, M.A. and Masoodi, K.Z. 2019. Elucidating genetic variability and population structure in <i>Venturia inaequalis</i> associated with apple scab disease using SSR markers. <i>PLoS ONE</i> : 14(11) : 1-16.	8.78
340	Mushtaq, M., Agrawal, R., Bhat, M.A., Singh, R. and Pande, N. 2019. Antibiotic resistance gene typing in <i>Staphylococcus aureus</i> isolated from bovine mastitis. <i>Indian Journal of Animal Science</i> . 89 (11) : 1188-1191.	6.23
341	Mushtaq, M., Agrawal, R., Singh, R., Pande N. and Bhavna. 2019. Effect of prepartum levamisole therapy on postpartum udder health of dairy cows. <i>The Haryana Veterinarian</i> . 59(SI) : 96-98.	5.58
342	Ola, S., Sharma, N., Sharma, B.C., Kumar, A., Chand, G. and Puniya, R. 2019. Optimization of phosphorus and potassium levels for productivity enhancement of fine rice in irrigated sub tropics of Jammu. <i>Journal of Pharmacognosy and Phytochemistry</i> . 8(2) :1329-1332.	5.21
343	Rashid, M., Malik, M.A., Singh, M. and Sharma, H.K. 2019. Manage infestation in sheep, goats and nomads of Jammu and Kashmir. <i>Journal of Entomology and Zoology Studies</i> . 7(5) : 734-736.	5.53
344	Sood, S., Yadav, A., Katoch, E., Bhagat, M., Sharma, A., Rahman, S., Verma, P., Rajat, A., Khursheed, A.G. and Sharma, S. 2019. Oxidative stress and clinic-pathological alterations induced by <i>Cryptosporidium parvum</i> infection in a rat model. <i>Indian Journal of Animal Research</i> . 53(11) : 1431-1435.	6.44
345	Reena, Jamwal, S., Singh, A.P., Sinha, B.K., Gupta, S. and Jha, A.C. 2019. Evaluation of some botanicals against Mustard aphid <i>Lipaphis erysimi</i> (Kalt.). <i>Indian Journal of Entomology</i> . 82 (2) : 390-392.	5.89
346	Reena, Singh, V.B., Jamwal, S., Sinha, B.K., Singh, A.P., Kumar, R. and Singh, P. 2019. Evaluation of some botanicals against citrus psylla <i>Diaphorina citrii</i> . <i>Indian Journal of Entomology</i> . 82 (2) : 265-267.	5.89
347	Sanhga, N., Sood, S., Taku, A.K., Nashiruddullah, N., Rahman, S., Shikha, D., Sharma, S. and Sharma, S. 2019. An investigation on the occurrence of pathological conditions affecting broilers in Jammu. <i>International Journal of Current Microbiology and Applied Sciences</i> . 8(8) : 2351-2357.	5.38
348	Sarita, Bakshi, P., Kour, K., Mehla, U., Bhawana, Sharma, S., Jasrotia, A and Bhushan, B. 2019. Effect of different potting media on nutrient composition of soil and leaves of Litchi air layers. <i>International Journal of Current Microbiology and Applied Sciences</i> . 8(10) : 928-933.	5.38

349	Sarita, Bakshi, P., Kour, K., Sinha, B.K., Mehla, U. and Bhawana. 2019. Effect of different potting media on survival and growth of air layered litchi cv. Dehradun. <i>International Journal of Current Microbiology and Applied Sciences</i> . 8(10): 1196-1204.	5.38
350	Sarma, K., Sasan, J.S. and Suri, S. 2019. Gross and morphometrical studies on the humerus of Indian Barking deer (<i>Muntiacus muntjak</i>). <i>Journal of Entomology and Zoology Studies</i> . 7(6): 278-282.	5.53
351	Shafiq, M., Sharma, H.K., Kotwal, S.K., Bhat, M.A., Sharma, R. and Tandon, S. 2019. Seroprevalence of brucellosis in the organized sheep farms of Jammu, India. <i>The Haryana Veterinarian</i> . 58(2): 278-280.	5.58
352	Sharma, A., Arora, S., Sharma, V., Arya, V.M. and Sharma, S.K. 2019. Soil and weather based yield prediction model for rainfed areas. <i>Indian Journal of Agricultural Sciences</i> . 89: 887-891.	6.25
353	Sharma, B., Nashiruddullah, N., Ahmed, J.A., Sharma, S. and Ahamad, D.B. 2019. Pathology of <i>Avipoxvirus</i> isolates in chicken embryonated eggs. <i>International Journal of Current Microbiology and Applied Sciences</i> . 8(9): 422-430.	5.38
354	Sharma, B., Nashiruddullah, N., Bhat, M.A., Taku, A., Roychoudhury, P., Ahmed, J.A., Sood, S. and Mehmood, S. 2019. Occurrence and phylogenetic analysis of <i>Avipoxvirus</i> isolated from birds around Jammu. <i>Virus Disease</i> . 30(2): 288-293.	5.90
355	Sharma, D., Gupta, M., Gupta, S., Jaglan, S. and Mallick, S.A. 2019. Characterization of secondary metabolites produced during interaction of <i>Pseudomonas fluorescens</i> with <i>Fusarium oxysporum</i> . <i>Indian Journal of Agricultural Sciences</i> . 89: 998-1004.	6.25
356	Sharma, M., Jasrotia, N., Kumar, B. and Singh, S.P. 2019: Marketing and statistical assessment of income fish retailers in Jammu region of J&K State, India. <i>International Journal of Bio-resource and Stress Management</i> . 10(6): 645-650.	4.65
357	Sharma, P., Abrol, V., Sharma, V., Sharma, S., Sharma, N., Singh, G. and Chaddha, S. 2019. Impact of biochar and organic manures on soil physical properties and crop yield of rice. <i>Journal of Pharmacognosy and Phytochemistry</i> . 8(5): 2129-2132.	5.21
358	Sharma, P., Raina, R., Verma, P.K., Singh, P., Nashiruddullah, N. and Kour, H. 2019. Nephroprotective potential of <i>Cynarascolymus</i> L. floral extract in cisplatin induced nephrotoxicity in rats. <i>Journal of Pharmacognosy and Phytochemistry</i> . 8(1): 2074-2082.	5.21
359	Sharma, S., Azmi, S., Sharma, S., Nashiruddullah, N. and Rahman, S. 2019. General performance observations in broiler chickens experimentally inoculated with <i>Salmonella enteritidis</i> and its amelioration with vitamin C. <i>International Journal of Current Microbiology and Applied Sciences</i> . 8(8): 1224-1233.	5.38
360	Sharma, S., Nashiruddullah, N., Ahmed, J.A. and Berian, S. 2019. Differential pathology of <i>Capripox</i> isolates in chicken embryonated eggs. <i>International Journal of Current Microbiology and Applied Sciences</i> . 8(8): 2485-2490.	5.38

361	Sharma, S., Rahman, S., Nashiruddullah, N., Sood, S., Abrol, R. and Deepshikha. 2019. Prevalence of spontaneously occurring animals neoplasms in Jammu. <i>Journal of Entomology and Zoology Studies</i> . 7(6) : 442-445.	5.53
362	Sharma, V., Heer, A., Kour, N., Sharma, A and Singh, S.K. 2019. Karonda and Jamun seeds <i>in vitro</i> anticancer efficacy. <i>Indian Journal of Traditional Knowledge</i> . 18(3) : 573-578.	6.92
363	Singh, A., Gill, M.I.S., Arora, N.K., Bedi, S., Bakshi, P. and Kumar, K. 2019. Variability in grapes (<i>Vitis vinifera</i>) genotypes using morphological traits. <i>Journal of Pharmacognosy and Phytochemistry</i> . SPL .439-442.	5.21
364	Singh, A.P., Singh, R., Bhat, M.A., Tikoo, A. and Pathak, A.K. 2019. Effect of UMMB supplementation on metabolic and oxidative parameters in Rambouillet cross sheep during Peripartum period. <i>Indian Journal of Animal Nutrition</i> . 36(1) : 17-24.	5.02
365	Singh, M., Malik, M.A., Singh, R., Singh, D.K., Doimari, S., Tandon, S. and Gupta, J. 2019. Serological, isolation and molecular studies on brucellosis in an organized farm, Jammu and Kashmir, India. <i>Journal of Animal Research</i> . 9(5) : 749-752.	6.44
366	Singh, P., Kumar, A., Gupta, V., Singh, B. and Kumar, J. 2019. Effect of high densities and cultivars on productivity of rainfed maize (<i>Zea mays</i>). <i>Indian Journal of Agricultural Sciences</i> . 89 (9) : 1513-1517.	6.25
367	Singhal, V., Singh, R., Yadav, A. and Agrawal, R. 2019. Prevalence of balantidiasis among diarrhoeic adult dairy animals of North west himalayan region and its impact on hemato-biochemical and Mineral profile. <i>The Haryana Veterinarian</i> . 58(2) : 261-265.	5.58
368	Sinha, B.K., Chand, G., Reena and Kumar, V. 2019. Different degree of drought stress affects morpho-reproductive growth in wheat (<i>Triticum aestivum</i> L.). <i>International Journal of Current Microbiology and Applied Sciences</i> . 8(6) : 1047-1053.	5.38
369	Sinha, B.K., Chand, G., Reena. and Kumar, V. 2019. Different degree of drought stress affects morpho-reproductive growth in wheat (<i>Triticum aestivum</i> L.). <i>International Journal of Current Microbiology and Applied Sciences</i> . 8(6) : 2319-7706.	5.38
370	Sood, S., Yadav, A., Katoch, R., Bhagat, M., Sharma, A., Rahman, S., Verma, P., Rajat, A. Ganai, K.A. and Sharma, S. 2019. Oxidative stress and clinico-pathological alterations induced by <i>Cryptosporidium parvum</i> infection in a rat model. <i>Indian Journal of Animal Research</i> . 53(11) : 1431-1435.	6.44
371	Suri, S., Sasan, J.S. and Sarma, K. 2019. Gross anatomy and biometry of the buccal cavity of stump-tailed monkey (<i>Macaca arctoides</i>). <i>Journal of Entomology and Zoology Studies</i> . 7(5) : 1107-1109.	5.53
372	Suri, S.K., Dwivedi, M.C., Puniya, R., Ashu, Kumar, R., Kumar, J., Rai, A.P. and Singh, V.B. 2019. Production potential and economic feasibility of blackgram (<i>Vigna mungo</i> L.) + sesame (<i>Sesamum indicum</i> L.) intercropping under rainfed ecosystems of Jammu. <i>Legume Research- An International Journal</i> . 43(3) : 370-377.	6.34

S. No.	Details of published paper	NAAS rating
373	Abrol, V., Singh, A.P., Kumar, A., Chary, R., Srinivasarao, Ch., Sharma, P., Singh, B., Salgotra, S., Kapoor, J. and Dadhich, H. 2020. Effect of foliar application of nutrients on wheat (<i>Triticum aestivum</i>) crop performance, economics, resource use efficiency and soil properties under rainfed conditions. <i>Indian Journal of Agricultural Sciences</i> . 90 (1) : 138-141.	6.25
374	Alaie, T.A., Gupta, R. And Sharma, V. 2020. Spatial distribution of available micronutrient status under different land use systems of district Doda, J&K. <i>Journal of Soil and Water Conservation</i> . 19 : 317-321.	5.08
375	Angmo, P., Mondal, A.K., Phogat, M., Kumar, S. and Rai, A.P. 2020. Effect of phosphorus and zinc interaction on performance of green gram [<i>Vigna radiata</i> (L.) Wilczek]. <i>Legume Research</i> . On line- 10.18805/LR-4252: 1-4.	6.34
376	Banoo, M., Sinha, B.K., Chand, G., Sharma, M.K., Rai, G.K., Gupta, M. and Reena 2020. Effect of paclobutrazol and partial root drying on growth and yield attributes of tomato (<i>Solanum lycopersicum</i> L.). <i>International Journal of Current Microbiology and Applied Sciences</i> . 9(10) : 2010-2021.	5.38
377	Bhandari, A., Wali, V.K., Jasrotia, A., Jamwal, M., Kour, K., Chand, G. and Arya, V.M. 2020. Diversity for tree growing habit in the natural population of indigenous soft pear in Jammu province. <i>International Journal of Current Microbiology and Applied Sciences</i> . 9 (6) : 4171-4179.	5.38
378	Chadha, S., Sharma, P., Abrol, V., Sharma, K.R., Sharma, V., Bharat, R., Sharma, N. and Bashir, O. 2020. Effect of integrated use of biochar and organic amendments on soil properties and crop yield. <i>International Journal of Chemical Studies</i> . 8(6) : 1176-1179.	5.31
379	Chand, G., Nandwal, A.S., Dogra, S. and Sharma, M. 2020. Biochemical Response of mungbean [<i>Vigna radiata</i> (L.) Wilczek] genotypes under terminal heat stress at reproductive stage. <i>International Journal of Current Microbiology and Applied Science</i> . 9(7) : 2975-2986.	5.38
380	Chouhan, S. and Guleria, S. 2020. Green synthesis of AgNPs using <i>Cannabis sativa</i> leaf extract: Characterization, antibacterial, anti-yeast and a-amylase inhibitory activity. <i>Materials Science for Energy Technologies</i> . 3 : 536-544.	6.00
381	Chowdhary, M., Nashiruddullah, N., Roychoudhury, P., Bhat, A., Ahmed, J.A., Kour, K. and Sood, S. 2020. Molecular and virulence characterization of Newcastle disease virus in fowls and pigeons from Jammu, India. <i>Indian Journal of Animal Research</i> . 54 : 1279-1284.	6.44
382	Dar, A.A., Sharma, S., Mahajan, R., Mushtaq, M., Slathia, A., Ahamad, S., and Sharma, J.P. 2020. Overview of purple blotch disease and understanding its management through chemical, biological and genetic approaches. <i>Journal of Integrative Agriculture</i> . 19(12) : 3013-3024.	7.34

383	Devi, J., Bhat, D., Wali, V.K., Sharma, V., Sharma, A., Chand, G. and Dey, T. 2020. Preliminary the diagnosis and recommendation integrated system (DRIS) norms for evaluating the nutritional status of mango. <i>International Journal of Current Microbiology and Applied Science</i> . 9(5) : 321-327.	5.38
384	Dogra, S., Chand, G. and Sinha, B.K. 2020. Reproductive behavior of <i>Brassica juncea</i> as exposed to drought stress at different days after sowing in Jammu region <i>International Journal of Current Microbiology and Applied Sciences</i> , 9(5) : 881-890.	5.38
385	Fariad, I., Kumar, N., Sharma, R., Khan, N.N. and Chakraborty, D. 2020. Genetic variation of TLR-4 gene and its association with mastitis in crossbred cattle. <i>The Pharma Innovation Journal</i> . 9(3) : 272-275.	5.03
386	Gautam, M., Kour, K., Bhushan, B., Jeelani, M.I., Singh, M., Kour, S. and Kumar, R. 2020. Chemical manipulations in the fruit yield and quality of Shan-e-Punjab peach. <i>Indian Journal of Horticulture</i> . 77(3) : 456-460.	6.11
387	Gupta, P., Kushwaha, R.B., Dwivedi, D.K. and Rafiqee, A.R. 2020. Surgical management of a massive fibroma in neck region in a pup. <i>The Haryana Veterinarian</i> . 59(3) : 139-140.	5.58
388	Gupta, R., Wali, V.K., Bakshi, P., Jamwal, M., Kumar, P. and Shah, R.A. 2020. Assessment of callus induction and plant regeneration potential of leaf explants derived from in vitro and in vivo shoots of strawberry. <i>Indian Journal of Horticulture</i> . 77(1) : 48-55.	6.11
389	Gupta, V., Gupta, M., Bharat, R., Singh, M. and Sharma, B.C. 2020. Performance of wheat (<i>Triticum aestivum</i>) varieties under different thermal regimes and N-levels. <i>Indian Journal of Agricultural Sciences</i> . 90(4) : 775-779.	6.25
390	Gupta, V., Gupta, M., Singh, M. and Sharma, B.C. 2020. Thermal requirement for phenophases and yield of wheat varieties under various sowing environments and nitrogen levels in sub-tropical region of Jammu. <i>Journal of Agrometeorology</i> . 22 : 170-177.	6.64
391	Huma, Z.I., Sharma, N., Kour, S., Tandon, S., Guttula, P.K., Kour, S., Singh, R., Singh A.K. and Gupta, M.K. 2020. Putative biomarkers for early detection of mastitis in cattle. <i>Animal Production Science</i> . 60(14) : 1721-1736.	7.28
392	Iqbal, M., Bakshi, P., Sinha, B.K., Iqbal, M. And Devi, A. 2020. Effect of alkylating mutagens on rooting response and callus age on shoot regeneration of rough lemon (<i>Citrus jambhiri</i> Lush.). <i>Current Journal of Applied Science and Technology</i> . 39(48) : 1-10.	5.32
393	Jakhar, G.L., Sharma, P., Abrol, V., Sharma, V. and Chadha, S. 2020. Soil physical limitations in different land use systems. <i>Journal of Pharmacognosy and Phytochemistry</i> . 9(5) : 621-625.	5.21
394	Kour, S., Sharma, N., Huma, Z.I., Devi, S., Ahmed, T., Singh, R. and Kumar, A. 2020. Prevalence of mastitis in cow heifers and associated risk factors in Himalayan region, India. <i>Journal of Environmental Biology</i> . 41 : 796-802.	6.56

395	Kumar, G., Wazir, V.S., Nabi, B., Kour, M., Khajuria, P. and Upadhyay, S.R. 2020. Epidemiological analysis of Ehrlichia canis among dog population of Jammu division. <i>Journal of Entomology and Zoology Studies</i> . 8(3) : 468-470.	5.53
396	Kumar, M., Jamwal, M., Kotwal, N., Sharma, R., Choudhary, S.K., Kumar, V. and Kour, S. 2020. Effect of integrated use of organic and inorganic sources of nutrients on nectarine crop cv. Silver king under temperate condition. <i>International Journal of Chemical Studies</i> . 8(1) : 287-291.	5.31
397	Kumar, P., Singh, A., Nomita T.A.L., Pandey, R.K., Dogra, S., Jeelani, M.I and Sinha, B.K. 2020. Effects of plant growth regulators on quality flower and seed production of marigold (<i>Tagetes erecta</i> L.). <i>Bangladesh Journal of Botany</i> . 49(3) : 567-577.	6.21
398	Kumar, S., Choudhary, H.K., Sharma, J.P., Kumar, A., Sandhu, R., Gupta, R., Gupta, V. and Singh, A.K. 2020. Study on genotype x environment interactions and AMMI analysis for agronomic traits in mungbean (<i>Vigna radiate</i> L. Wilczek.) under rainfed conditions. <i>Indian Journal of Genetics</i> . 80(3) : 354-358.	6.47
399	Kumar, S., Sharma, U., Kumar, S., Pandey, A.K. and Dwivedi, D.K. 2020. Effect of different herbal drugs on average litter weight of piglets of Tamworth x Desi breed sows. <i>Journal of Entomology and Zoology Studies</i> . 8(2) : 133-135.	5.53
400	Kumar, S., Sharma, U., Pandey, A.K., Kumar, S. and Dwivedi, D.K. 2020. Study of follicular population with relation to different seasons in sheep ovaries. <i>Journal of Entomology and Zoology Studies</i> . 8(2) : 75-76.	5.53
401	Kunzang, L., Bhat, D.J., Bakshi, P. and Wali, V.K. 2020. Exogenously applied plant growth regulators enhanced the growth, yield, quality and shelf life of phalsa. <i>Journal of Pharmacognosy and Phytochemistry</i> . 9(3) : 640-646.	5.21
402	Manhas, S., Anjali, A., Mansoor, S., Sharma, V., Ahmad, A., Rehman, M.U. and Ahmad, P. 2020. Covid-19 pandemic and current medical interventions. <i>Archives of Medical Research</i> . 51(6) : 473-481.	8.09
403	Mansoor, S., Sharma, V., Mir, M.A., Mir, J.I., Nabi, S., Ahmed, N., Alkahtani, J., Alwahibi, M.S. and Masoodi, K.Z. 2020. Quantification of polyphenolic compounds and relative gene expression studies of phenylpropanoid pathway in apple (<i>Malus domestica</i> Borkh) in response to <i>Venturia inaequalis</i> infection. <i>Saudi Journal of Biological Sciences</i> . 27 (12) : 3397-3404.	8.82
404	Mehta, S., Kumar, R., Wali, V.K. and Sharma, A. 2020. Evaluation of different grafting methods and time in pecan (<i>Carya illinoensis</i> Wengen) in relation with vegetative growth. <i>Journal of Pharmacognosy and Phytochemistry</i> . 9(2) : 1292-1294.	5.21
405	Mushtaq, M., Agrawal, R., Pande, N., Singh, R., and Chouhan, Y. 2020. Effect of periparturient microminerals supplementation on postpartum subclinical mastitis of dairy cows. <i>The Haryana Veterinarian</i> . 59 : 57-60.	5.58
406	Mushtaq, M., Agrawal, R., Singh, R., Pande, N. and Bhavna. 2020. Effect of prepartum levamisole therapy on postpartum udder health of dairy cows. <i>The Haryana Veterinarian</i> . 59 : 96-98.	5.58

407	Pandey, A.K., Sharma, U., Kaul, A.K., Kumar, S., Pande, N. and Andrabi, S.E.H. 2020. Response to FSH (Folltropin-V) and hCG treatment on superovulation and embryo production in sheep under sub-tropical climate. <i>The Pharma Innovation Journal</i> . 9(6) : 375-380.	5.03
408	Pandey, A.K., Sharma, U., Kumar, S., Kumar, S., Pande, N., Kaul, A.K., Andrabi, S.E.H. and Wani, J.M. 2020. Laparoscope Assisted Embryo Transfer and Conception Rate in Farm Rambouillet Ewes. <i>International Journal of Current Microbiology and Applied Sciences</i> . 9(6) : 3605-3612.	5.38
409	Reena, Jamwal, S., Singh, A.P., Sinha, B.K., Gupta, S. and Jha, A.C. 2020. Evaluation of some botanicals against mustard aphid <i>Lipaphis erysimi</i> (Kalt.) <i>Indian Journal of Entomology</i> . 82 (2) : 390-392.	5.89
410	Reena, Kaur, A., Singh, M., Sinha, B.K., Kumar, A. and Ahamad, S. 2020. Impact of abiotic factors on population dynamics of <i>Bactrocera dorsalis</i> Hendel and <i>Bactrocera zonata</i> (Saunders) at different ecological zones in NW plains of India. <i>Journal of Agrometeorology</i> . 22(3) : 250-257.	6.64
411	Reena, Kumar, M., Jamwal, S., Singh, M., Kumar, A. and Sinha, B.K. 2020. Managing chickpea wilt; <i>Fusarium oxysporum</i> through use of Biorationals. <i>Legume Research</i> . 41(4) : 452-457.	6.34
412	Reena, Sharma, M., Singh, S.K., Kumar, A., Sinha, B.K. and Singh, A.P. 2020. Earias vittella management by utilizing obnoxious weeds extracts of Jammu and Kashmir Himalayas, India. <i>International Journal of Tropical Insect Science</i> . DOI 10.1007/s42690-020-00297-3. Online.	6.85
413	Reena, Singh, V.B., Jamwal, S., Sinha, B.K., Singh, A.P., Kumar, R. and Singh, P. 2020. Evaluation of some botanicals against Citrus psylla <i>Diaphorina citrii</i> . <i>Indian Journal of Entomology</i> . 82(1) : 1-3.	5.89
414	Reena, Singh, V.B., Jamwal, S., Sinha, B.k., Singh, A.P., Kumar, R. and Singh, P. 2020. Evaluation of some biorationals against Citrus psylla <i>Diaphorinacitrii</i> . <i>Indian Journal of Entomology</i> . 82(2) : 265-267.	5.89
415	Saharan, V., Pathak, A.K., Sharma, N., Sharma, R.K. and Kumar, H. 2020. Nutrient composition, metabolites and microbial counts in litter material of broiler chicken fed condensed tannins containing guava leaf meal supplemented diets: reduce environmental pollution and alternate feedstuffs for ruminants. <i>Journal of Animal Research</i> . 10(3) : 465-470.	5.68
416	Shah, R.A., Bakshi, P., Jasrotia, A., Bhat, D.J., Gupta, R. and Bakshi, M. 2020. Genetic diversity of walnut (<i>Juglans regia</i> L.) seedlings through SSR markers in North-western Himalayan region of Jammu. <i>Bangladesh Journal of Botany</i> . 49(4) : 1003-1012.	6.21
417	Sharma, K., Guleria, S., Razdan, V.K. and Babu, V. 2020. Synergistic antioxidant and antimicrobial activities of essential oils of some selected medicinal plants in combination and with synthetic compounds. <i>Industrial Crops and Products</i> . https://doi.org/10.1016/j.indcrop.2020.112569 .	10.19

418	Sharma, K., Guleria, S. and Razdan, V.K. 2020. Green synthesis of silver nanoparticles using <i>Ocimum gratissimum</i> leaf extract: characterization, antimicrobial activity and toxicity analysis. <i>Journal of Plant Biochemistry and Biotechnology</i> . 29 : 213-224.	7.04
419	Sharma, M., Singh, A.K., Salgotra, R.K., Sharma, B.K., Sharma, S., Gangurde, S., Bakshi, P. and Bhatt, I.J. 2020. Study of genetic variability and heritability for various morphological and yield attributed traits in RIL population of basmati rice (<i>Oryza sativa</i> L.). <i>International Journal of Chemical Studies</i> . 8(2) : 2699-2672.	5.31
420	Sharma, N., Kumar A., Sharma, B.C., Chand, L., Sharma V. and Sharma, M. 2020. Effect of sowing dates and weeds management on productivity of irrigated wheat (<i>Triticum aestivum</i>). <i>Indian Journal of Agricultural Sciences</i> . 90(3) : 104-107.	6.25
421	Sharma, N., Kumar, A., Sharma, B.C., Chand, L., Sharma, V. and Kumar, M. 2020. Effects of sowing dates and weed management on productivity of irrigated wheat (<i>Triticum aestivum</i>). <i>Indian Journal of Agricultural Sciences</i> . 90 : 556-559.	6.25
422	Sharma, R., Vishaw, V., Singh, M., Sharma, M., Panotra, N., Sharma, C. and Kumar, D. 2020. Analyzing the effect of lockdown on weather parameters amid COVID-19 pandemic of mid hill region of Rajouri district of Jammu and Kashmir, Union Territory, India. <i>International Journal of Environment and Climate Change (Pollution)</i> . 10(9) : 133-153.	6.69
423	Sharma, S. Nashiruddullah, N. and Ahmed, J.A. 2020. Pathology of spontaneous pox virus infection of sheep and goat in Jammu region. <i>International Journal of Current Microbiology and Applied Sciences</i> . 9(6) : 1204-1226.	5.38
424	Sharma, S., Sachar, R., Bajju, G.D. and Sharma, V. 2020. Nickel (II) complexes of m-ethylphenylxanthate with nitrogen donors and their biological screening. <i>Indian Journal of Chemistry</i> . 59 A : 1618-1626.	6.48
425	Sheikh, N., Kumar, S., Sharma, H.K., Bhagyawant, S.S. and Thavaselvam, D. 2020. Development of a rapid and sensitive colorimetric Loop-mediated Isothermal Amplification Assay: A novel technology for the detection of <i>Coxiella burnetii</i> from minimally processed clinical samples. <i>Frontiers in Cellular and Infection Microbiology</i> . 10 : 127.	9.52
426	Singh, B., Kumar, A., Gupta, V., Abrol, V., Singh, A.P., Kumar, J., Singh, M., Dadhich, H. and Singh, P. 2020. Effect of different organic and inorganic sources of nutrients on growth and productivity of pearl millet (<i>Pennisetum glaucum</i>)-gobhi sarson (<i>Brassica napus</i>) cropping sequence in kandi areas of Jammu region. <i>Indian Journal of Agricultural Sciences</i> . 90 (2) : 302-306.	6.25
427	Singh, G., Wazir, V.S., Nabi, B., Khajuria, P. and Kour, M. 2020. Prevalence and description of hydatidosis in slaughtered sheep of Jammu region. <i>Journal of Entomology and Zoology Studies</i> . 8(4) : 58-63.	5.53

428	Singh, H., Agarwal, S., Singh, P., Kumar, S., Verma, P.K. and Pandey, A.K. 2020. Ultrasonography studies on effects of h CG administration at day 5 of the estrous cycle on follicular and luteal studies of repeat breeder cross bred cow. <i>Journal of Entomology and Zoology Studies</i> . 8(4) : 1326-1330.	5.53
429	Singh, H., Agarwal, S., Singh, P., Kumar, S., Verma, P.K. and Sharma, U. 2020. Ultrasonography studies on effects of h CG administration at day 5 of the estrous cycle on pregnancy rate of repeat breeder cross bred cow. <i>Journal of Entomology and Zoology Studies</i> . 8(4) : 864-868.	5.53
430	Singh, M., Sharma, C., Sharma, B.C., Srivastava, R.K., Dadhich, S.M., Singh, J.P. and Gupta, V. 2020. Rainfall probability analysis for crop planning of Jammu region. <i>Journal of Agrometeorology</i> . 22 (Special Issue) : 24-32.	6.64
431	Singh, P., Verma, P.K., Raina, R., Sood, S. and Sharma, P. 2020. Maximum contaminant level of arsenic in drinking water potentiates quinalphos-induced renal damage on co-administration of both arsenic and quinalphos in Wistar rats. <i>Environmental Science and Pollution Research</i> . 27 : 21331-21340.	8.91
432	Singh, R., Singh, A. Singh, V. and Beigh, S.A. 2020. Oxidative status in Rambouillet X Gaddi of Himalayan region during peripartum period. <i>The Indian Journal of Small Ruminants</i> . 26(1) : 53-56.	5.25
433	Suri, S.K., Dwivedi, M.C., Puniya, R., Sharma, A., Kumar, R., Kumar, J., Rai, A.P. and Singh, V.B. 2020. Production potential and economic feasibility of blackgram (<i>Vigna mungo</i> L.) and sesame (<i>Sesamum indicum</i> L.) intercropping under rainfed ecosystems of Jammu. <i>Legume Research</i> . 43 : 370-377.	6.34
434	Vishwa, V., Sharma, K.R., Sharma, V., Arya, V.M. and Bharat, R. 2020. Mapping of soil micronutrients in the transition of North-western foothill of Shivalik of Kathua district using GIS. <i>International Research Journal of Pure and Applied Chemistry</i> . 21(11) : 115-121.	5.40
435	Wali, A., Gupta, M., Gupta, S., Sharma, V., Salgotra, R.K. and Sharma, M. 2020. Lignin degradation and nutrient cycling by white rot fungi under the influence of pesticides. <i>3D Biotech</i> . 10(6) : 266.	7.79
436	Zargar, M.A., Pathak, A.K., Rahman, S, Sharma, R.K. and Daing, M.I. 2020. Effect of <i>Eugenia jambolana</i> and <i>Psidium guajava</i> leaf meal mixture supplementation on performance, biochemical profile and histopathological changes of broiler chicks. <i>Journal of Animal Research</i> . 10(2) : 221-230.	5.68
437	Zargar, M.A., Pathak, A.K., Sharma, R.K. and Daing, M.I. 2020. Influence of <i>Eugenia jambolana</i> and <i>Psidium guajava</i> leaf meal mixture supplementation on carcass characteristics and economics of broiler chickens. <i>Journal of Animal Research</i> . 10(3) : 459-464.	5.68
438	Zargar, R., Raghuwanshi, P., Koul, A.L., Rastogi, A., Khajuria, P., Wahid, A. and Kour, S. 2020. Hepatoprotective effect of seabuckthorn leaf-extract in lead acetate-intoxicated Wistar rats. <i>Drug and Chemical Toxicology</i> , DOI:10.1080/01480545.2020.1775630.	7.95

S. No.	Details of published paper	NAAS rating
439	Ahamad, S. 2021. Stripe rust disease management of winter wheat through host resistance and fungicides under rainfed conditions in Jammu. <i>Journal of Agriculture Science and Technology</i> . 23(1) : 201-207.	6.83
440	Devi, A., Bakshi, P., Samnotra, R.K., Sharma, V., Mondal, A.K., Kour, K., Sharma, N., Iqbal, M. and Singh, G. 2021. DRIS indices as nutritional guide for aonla cultivation. <i>Indian Journal of Horticulture</i> . 78(1) : 66-77.	6.11
441	Iqbal, M., Bakshi, P., Kour, K., Sinha, B.K. and Iqbal, M. 2021. Effect of different growth regulators on in vitro regeneration of cotyledon explants of rough lemon (<i>Citrus jambhiri</i> Lush.) via callus induction. <i>International Journal of Chemical Studies</i> . 9(1) : 1853-1859.	5.31
442	Khajuria, S., Mondal, A.K., Samanta, A., Sharma, V., Arya, V.M. and Raina, V. 2021 Effect of boron levels, mulching and moisture regimes on uptake of boron on cauliflower. <i>The Pharma Innovation Journal</i> . 10(3) : 772-77.	5.03
443	Kumar, S., Kumar, A., Jamwal, S., Abrol, V., Singh, B. and Kumar, J. 2021. Divergence studies of blackgram (<i>Vigna mungo</i> L.) for selection of drought tolerant genotypes under rainfed conditions of North Western Himalayas in J and K, India. <i>Legume Research</i> . 44(2) : 158-163.	6.34
444	Mansoor, S., Kour, N., Manhas, S., Zahid, S., Wani, O.A., Sharma, V., Wijaya, L., Alyemini, M.N., Alsahli, A.A., El-Serehy, H.A., Paray, B.A. and Ahmad, P. 2021. Biochar as a tool for effective management of drought and heavy metal toxicity, <i>Chemosphere</i> . 271 : 12945.	11.11
445	Reena, Singh, B., Singh, A.P., Gupta, Sinha, B.K., Gupta, V. and Jha, A.C. 2021. Impact of soil fertility on maize stem borer <i>Chiloptartellus</i> . <i>Indian Journal of Entomology</i> . 83(1) : 67-69.	5.89
446	Shah, R.A., Bakshi, P., Sharma, N., Jasrotia, A., Itoo, H., Gupta, R. and Singh, A. 2021. Diversity assessment and selection of superior Persian walnut (<i>Juglans regia</i> L.) trees of seedling origin from North-Western Himalayan region. <i>Resource, Environment and Sustainability</i> . 3 : 1-14.	6.00
447	Sharma, M., Singh, A.K., Salgotra, R.K., Sharma, B.K., Gangurde, S.S., Bakshi, P., Raina, M. and Kumar, B. 2021. Assessment of genetic advance and correlation coefficient for yield and yield attributed traits of RIL population in basmati rice (<i>Oryza sativa</i> L.). <i>Journal of Pharmacognosy and Phytochemistry</i> . 10(1) : 328-330.	5.21

6.6.3.5. Innovation and Best Practices

Eleven (11) varieties of the University were released by the State released committee and notified during the 81st meeting of Central Sub Committee on Crop Standards, Notification and Release of Varieties for Agricultural Crops on 24th December 2018 under the chairmanship of DDG (Crop Sciences)- ICAR in Krishi Bhawan, New Delhi in the minutes of meeting vide no. 3-70/2018-SD.IV dated 19th February, 2019 .

Centre for Innovation and Entrepreneurship Development

- Promotion of innovations through participatory research.
- National and International conferences to deliberate upon the latest trends and technologies in agriculture and allied sectors.
- Knowledge dissemination through expert lectures/ workshops/ technical hands-on trainings/ seminars.
- Technical and mentoring sessions for respective focus areas.
- Interaction with banking/financial institutions.
- Collaboration with Govt./Non-Govt. departments, FPOs and related institutions

New farm machinery and tools developed

S.No.	Details machinery / tools	Date of announcement
1	Development and evaluation of a wheel operated boom sprayer for small holding farmers	16/10/2020
2	Development and evaluation of rotary weeder for small farming system	12.02.2021

A prototype was developed for the small holding farmers with the purpose of reducing the drudgery and losses caused by the use of the conventional method of spraying. The study began with the conceptual design of the machine by crafting idea about the machine and then accordingly the machine was fabricated. It also included the evaluation of the operational parameters of a wheel operated boom sprayer



under local agro-climatic conditions. In order to select optimum operational parameters, the sprayer was initially tested under laboratory conditions. The parameters like nozzle discharge, swath width, spray overlap, spray coverage, size of droplets, droplet density, spray drift, $D_{v0.1}$, $D_{v0.9}$ and relative span factor were tested under laboratory conditions at three setting of height of boom (400, 500 and 600 mm), three type boom (carrying two, three and four nozzles) and three

types of nozzles (flat fan, hollow cone and flood jet nozzles). The spraying characteristics like spray coverage, size of droplets, droplet density, spray drift, $D_{v0.1}$, $D_{v0.9}$ and relative span factor were measured using a mobile based software namely dropleaf developed by a Brazilian team of researchers namely Dr. Mauro Santos, Gabriel Spadon, Cleidimar and Prof. Bruno Brandoli from the Federal University of Mato Grosso do Sul, UFMS and using water sensitive paper (WSP) procured from Tee Jet, USA. The water sensitive papers (WSP) were laid to collect and stain blue colour due to spraying of water from the nozzles of the sprayer which after analysis through the dropleaf gave the values of the various spraying characteristic parameters.

DEVELOPMENT AND EVALUATION OF ROTARY WEEDER FOR SMALL FARMING SYSTEM

A proto type was developed for small farming system for weeding in row crops. The development process of this proto type began with a conceptual design based on CAD software.



The prototype consists of handle, beam, main frame, rotor, cutting blade, cutting blade frame and support plates for adjustments. The effect of different type of blades mount on rotor *viz.* plain blade, notched blade and curved blade were studied on field efficiency, draft and power requirement etc. in the pre-study. The type of rotor blade obtained from the pre-study was selected for the further study. The selected blade was mounted as three different numbers $N_1 = 4$ nos., $N_2 = 6$ nos., and $N_3 = 8$ nos. on rotor and three type of cutting blades *viz.* sweep type (B_1), rectangular plain type (B_2) and rectangular serrated type (B_3) were further evaluated in the field of maize and okra crop with different treatment combinations.

19 live samples and cultures of wild mushrooms collected from different locations and Jammu Division were submitted to Gene bank of ICAR- DMR Solan and following accession numbers were obtained DMRO-921, DMRO-922, DMRO-923, DMRO-924, DMRO-1010, DMRO-1011, DMRO-1012, DMRO-1014, DMRO-1662, DMRO-1663, DMRO-1664, DMRO-1665, DMRO-1811, DMRO-1812, DMRO-1813, DMRO-1814, DMRO-1815, DMRO-1816, DMRO-1817

Best Practices

- Integrated nutrient management practices (75% inorganics + 25% organics + micronutrients) gave Soil Quality Index value of 0.45 (LESS) for Panthal, 0.75 (OPTIMUM) for Basholi and 0.95 (MORE) for Billawar. The SQI was calculated by using soil physical, chemical and biological parameters. The recommendation is adopted in Package of Practice.
- Full moon water harvesting structure gave highest value of soil moisture (15.10 %) as compared to control (11.50%). The recommendation is adopted in Package of Practice.
- Highest soil moisture content was recorded (15.14%) with the use of black plastic mulch (black colour with 100 -150 micron) when compared to organic mulches (11.50 %). The recommendation is adopted in Package of Practice.

- Contributor in Land use & contingency planner for apple developed by ICAR, CITH-Srinagar
- Use of LCC can save 28 kg/ha⁻¹ of urea in coarse var. Jaya, 12 kg/ha⁻¹ for Pusa 1121 and 8-10 kg/ha⁻¹ in Basmati 370. The recommendation is adopted in Package of Practice.
- There was improvement in water holding capacity (↑5-7%), infiltration rate (↑3 - 4 cm hr⁻¹) and storage capacity (↑ 5000-10000 m³) due to adaptation of resource conservation techniques (RCT's) in the submontane region of Shivalik. Recommendations are presented and approved by DST-GOI and RCM of SKUAST-J and are in final stage to be incorporated in Package of Practise after laying out of FLDs at farmers field.
- There was decline in runoff (↓ 30-35 m³ ha⁻¹ yr⁻¹) and sediment yield (↓ 4.0-5.5 t h^{a-1} yr⁻¹) due to adaptation of resource conservation techniques (RCT's) in the submontane region of Shivalik. Recommendations are presented and approved by DST-GOI and RCM of SKUAST-J and are in final stage to be incorporated in Package of Practise after laying out of FLDs at farmers field.

Direct Seeded Rice culture (DSR)

It is being promoted by the University with the aim to harness its beneficial aspects like that of saving water, manpower and energy inputs per unit of rice grain produced with water saving of about 10-15% as compared to transplanted rice besides encouraging mechanization in rice-culture.

Zero tilled in wheat culture

In the basmati rice-wheat belt of Jammu, the planting of wheat is usually delayed due to the time constraint for land preparation after long duration basmati rice that can be taken care by zero tilled establishment of wheat without compromising the system productivity. It enhanced farmers income 5-6%.

Maize based resource conservation in hills

In the mid and high hill situations maize + rajmash in addition 1:1 arrangement alternated with red clover strips enhances maize productivity besides reducing runoff and associated soil and nutrient erosion.

Condensed tannins enriched multi-nutrient blocks for Livestock Productivity Enhancement

The deficiency of micro-nutrients in the livestock ration limits their productivity and performance. This is further aggravated by the wide-spread gastro-intestinal parasitic infection in these animals. The present technology addressed this problem by preparing functional feed blocks (multi-nutrient blocks enriched with locally available condensed tannins containing leaf meal mixture). These blocks when made available to the animal as a supplement are supposed to improve animal health and production and control gastro-intestinal nematodes.

Zoonotic diseases management

Parasites are one of the main factors that affect the productivity of livestock especially in the wet and highland areas.

- The University has released 40 varieties including field and horticultural crops with improved agronomical traits including resistance to insect pests and diseases. The released varieties include 08 of rice, 05 of wheat, 02 of maize, 08 of oilseeds, 04 of pulses, 09 of vegetables, 03 of fruit crops. In addition to this, the university has also introduced HYV of various crops developed at national level. The sale of University produced seeds of different crops to the farmers at the door step was also stated through Beej Vahan.

6.6.3.6. IPR Cell/ITMU

The University is having a functional and Vibrant IPR Cell. It works under the chairmanship of Director Research. The routine functioning of the IPR Cell is looked after by the Nodal Officer and Member Secretary IPR Cell. Besides, expert members from different branches of Agriculture (including Plant Breeding, Fruit Science, Vegetable Science, Forestry, Biotechnology and Agricultural Engineering) and Veterinary Sciences (Livestock Product Technology, Animal Breeding and Genetics and Animal Nutrition) are members of IPR Cell. The details of the recommendations of various meetings convened by the IPR Cell in last three years are given hereunder:

S.No.	Date of meeting	Recommendation, if any
1	17-09-2018	<ul style="list-style-type: none">• Organization of expert lectures for creating awareness among students and scientific community• Publication of reference document on IPs and their protection• Publication of quarterly bulletin
2.	17-12-2018	<ul style="list-style-type: none">• Discussions on IPR issues of the University
3.	26-03-2020	<ul style="list-style-type: none">• Discussions on IPR issues of the University
4.	14-09-2020	<ul style="list-style-type: none">• Addition of expert member from Agricultural Engineering Division of the University• Single window system for processing IPR related issues of the University.• Compilation of the IPR information of the University• Organization of Webinar on IPRs
5.	03-11-2020	<ul style="list-style-type: none">• Collection of relevant information for filing GI for BhadrawahRajmash and registration of R.S. Pura Basmati in collaboration with Department of Agriculture (J&K)
6.	01-01-2021	<ul style="list-style-type: none">• Discussions on IPR issues of the University

Major Activities

- Publication of Booklet on Intellectual Property Rights: Guidelines (2019).
- Registration of traditionally grown R.S. Pura Basmati germplasm and Bhaderwah Rajmash with PPV & FR Authority, New-Delhi.
- Organization of Expert lectures by Er. Manik Gupta, Director (Operations) and Patent Facilitator under Startup India Program on 03-03-2021.
- Organization of Expert lectures by Advocate Arun Singh Manhas, Trademark Attorney, J&K High Court on 03-03-2021.
- Organization of online IPR lecture by Advocate RakeshSoni, Patent and Trademark attorney, IPR Goodwill on 26-04-2021.

6.6.3.7. Central Instrumentation Unit

One Central Instrument laboratory is functional at School of Biotechnology catering to the needs of Post Graduate students of different Divisions of Faculty of Agriculture and Faculty of Basic Sciences. The Laboratory is provided with un-interrupted power back up for smooth running of experiments. This Laboratory is well connected to the other laboratories in the School to help the students for using other instruments, if required.

Following facilities are available in the Central Instrumentation laboratory:

- 96 Wells PCR (02)
- Refrigerated Centrifuge (01)
- Electrophoresis Units (03)
- Deep Freezer -20 °C (01)
- Microwave Oven (01)
- Microcentrifuge (02)
- Online UPS 5KVA (01)
- Hot Water Bath (01)
- LN2 Container (40 lit.)
- Electronic balance (01)



Central Instrumentation Unit at School of Biotechnology

6.6.3.8. Global Support

University is having some International projects and getting funds globally for research activities.

S. No.	Name of Project with global support	Name of PI	Amount	Agency	Year of sanction
1.	International chickpea of <i>Ascochyta</i> blight Nursery	Dr.S.K. Singh	0.30 lakhs	ICRISAT	Nov., 2017
2	Mapping the adoption of improved varieties of major crops and management practices in Jammu	Dr. Sudhakar Dwivedi	10.70 lakhs	IFPRI	5 th April,2018
3	Use of plant health clinic data to explore localized forewarning & surveillance of selected pests and diseases	Dr.Vishal Gupta,	3.50 lakhs	CAB (Centre for Agriculture and Bio-sciences)	12th Nov.,2018
4	Apple Production under Climate change: Willingness to pay for weather indexed insurance	Dr.Pawan K.Sharma	2000 Dollar	SANDEE-ICIMOD, NEPAL	2021

6.6.4. Extension Support

6.6.4.1. Extension Council

The Directorate of Extension organizes Extension Council Meetings as per the constitution of SKUAST-Jammu in order to work out the plan for effective dissemination of technologies at district levels. The composition of the Extension Council is given below:

S. No.	Designation	Status
1.	Vice Chancellor	Ex-officio Chairman
2.	Agriculture Production Commissioner (Secretary to Govt. Agriculture Production Department)	Member
3.	Director Agriculture	Member
4.	Director Horticulture	Member
5.	Director Animal Husbandry	Member
6.	Chief Conservator of Forests	Member
7.	Director Sheep Husbandry	Member
8.	Director Fisheries	Member
9.	Director Extension	Member
10.	Director Education	Member
11.	Director Research	Member
12.	Dean, FoA, Chatha	Member
13.	Dean, FVSc. & AH RS Pura	Member
14.	Dean FBSc., Chatha	Member
15.	All Heads of Divisions, FoA, FVSc. & AH / FBSc. / I/c Regional Stations / Sub-stations	Member
16.	Two eminent scientists from outside: 1. Agriculture; Animal Sciences	Member
17.	Three farmers/farm women having specialization in general Agriculture, Horticulture, Animal husbandry & other allied branches	Member
18.	One representative each of under mentioned organization as per the directions of the Vice Chancellor 1. Community Rural Development Department 2. Cooperrative Department 3. State Agro Industries Development Corporation 4. Irrigation Department 5. Fertilizer Corporation of India 6. National Seed Corporation 7. Any other Agro Industries or Agro Service Organization	Member
19.	Director (Planning & monitoring)	Member
20.	Special Invitees: 1. Director Floriculture 2. Director Sericulture 3. Associate Director Extension, SKUAST-Jammu 4. Sr. Scientist & Head of all KVKs 5. Chief Scienist, FSR/WMRC, SKUAST-Jammu 6. Nodal officer, Mega Seed Project 7. I/c Maize Research Center, Udhampur 8. One representative each from NABARD and IFFCO Jammu	Member

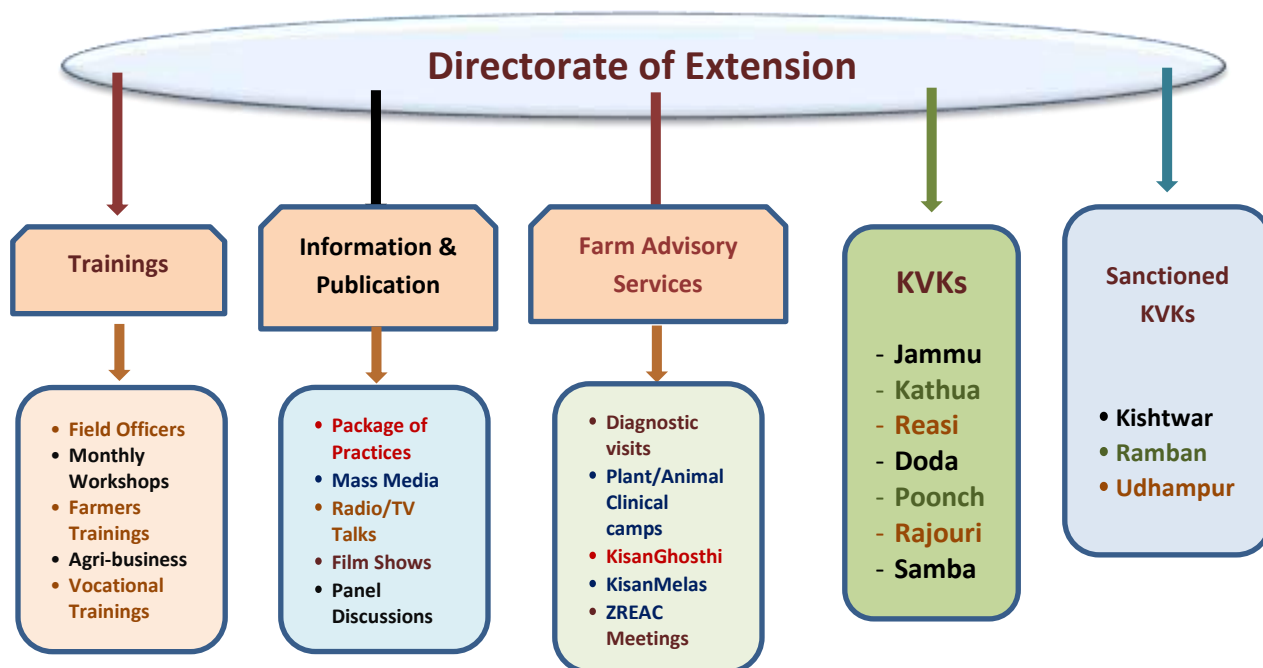
During the period from 2016-17 to 2020-21, three Extension Education Council Meetings were organized with the total participation of 233 officers, including officers of ICAR, University scientists and line departments.

Extension Education Council Meetings	No. / Date / Participants			Total
	2016-17	2017-18	2018-19	
No.	01 (29.03.2017)	01 (13.03.2018)	01 (16.01.2019)	03
Participants	83	72	78	233

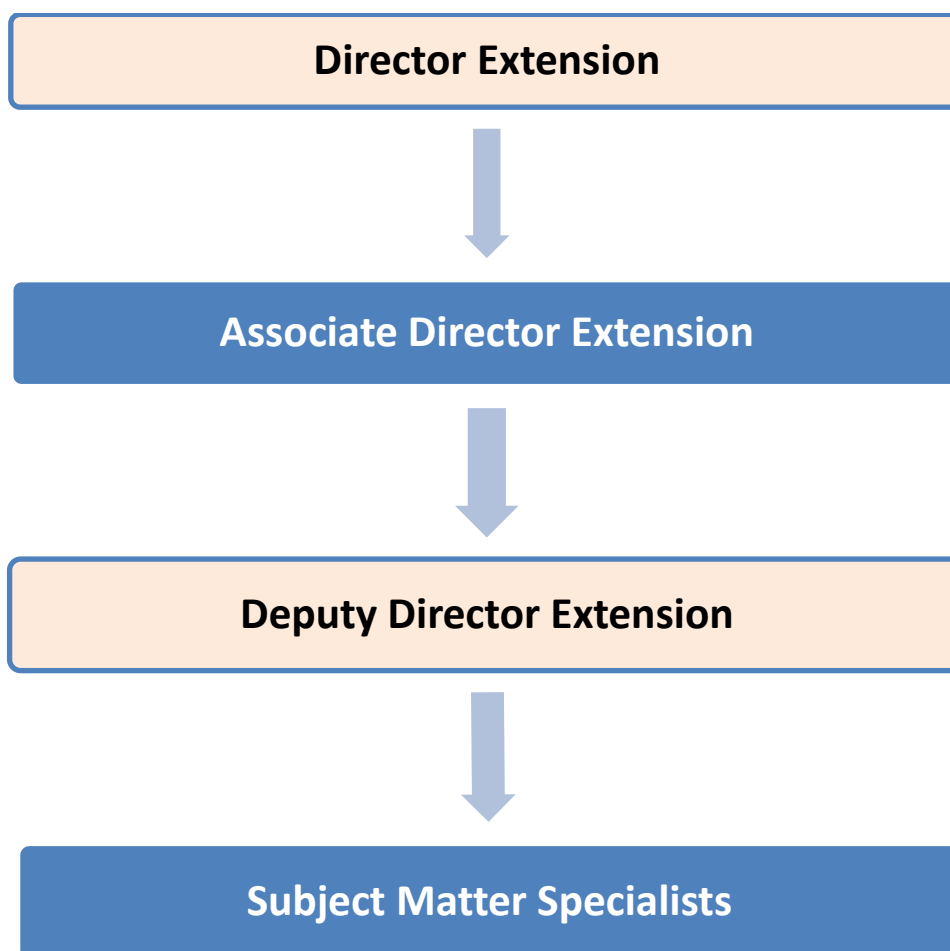


6.6.4.2. Directorate of Extension Education

Establishment: The functional setup of the Directorate has been oriented to face the traditional and new challenges emerging on day to day basis so that the farmers and the field functionaries are benefited.



The administrative set up including scientific staff of Directorate of Extension is given below:



6.6.4.2.1. Staff Strength

S. No.	Name of post	No.
1	Director Extension	01
2	Associate Director Extension	01
3	Deputy Director Extension	01
4	Personal Assistant to Director /Senior Stenographer	01
5	Head Assistant	01
6	Assistant cum Typist	03
7	Junior stenographer	01
8	Accountant	01
9	Driver	01
10	OCC	02
	Total	13

6.6.4.2.2. KVK and other off-campus extension programmes

At present, there are seven Krishi Vigyan Kendras (KVKs) in Jammu region of Jammu and Kashmir UT working under the administrative control of SKUAST-Jammu. These seven KVKs are located in the districts of Jammu, Samba, Kathua, Reasi, Rajouri, Poonch and Doda. Another three KVKs for remaining districts of Jammu region *viz.*, Udhampur, Ramban and Kishtwar stand approved by ICAR and the efforts for their establishment is underway. The KVKs have linkage with the agricultural development departments on the one hand and research system of the university on the other. In order to reduce the time gap between generation of technology and its actual use on farmers' fields, KVKs conducted on-farm trials, frontline demonstrations, vocational / skill trainings of unemployed rural youth and school drop outs, trainings of farmers / farm women, in-service trainings for updating knowledge of extension personnel and extension activities, including kisanmelas, ghosties, field days, celebration of important days, radio / T.V. talks etc.

S.No.	Location	Area (hectares)	Year of Establishment	Lead Functions
1.	Krishi Vigyan Kendra Jammu, Tehsil R.S. Pura, District Jammu-181 102	14	1992	<ul style="list-style-type: none"> ➤ Planning and conducting survey of the operational area in order to prepare the resource inventory with special reference to identifying training needs of stakeholders. ➤ Developing and organizing non-formal educational programmes by way of field days, farm visits, farmers fair, radio talk, Farm Science clubs etc. as the follow up information support to training courses. ➤ Imparting some general education to rural illiterates and school drop-outs in order to make them not only good farmers but also better citizens. ➤ Implementing all such schemes of the ICAR and other related organizations which intend to strengthen the training programmes of the Kendra.
2.	Krishi Vigyan Kendra Rajouri, Village Tandwal, District Rajouri-185 131	20	2003	
3.	Krishi Vigyan Kendra Doda, Tehsil Bhaderwah, District Doda - 182 221	10	2002	
4.	Krishi Vigyan Kendra Poonch, QaziMorha, District Poonch -185 101	3	2007	
5.	Krishi Vigyan Kendra Reasi, Village Tanda, Tehsil Reasi District Reasi - 182 101	23	2007	
6.	Krishi Vigyan Kendra Kathua, Village Rajhani, District Kathua - 184 101	13	2008	
7.	Krishi Vigyan Kendra, Village- Arazi, Sumbh Road District- Samba	5.45	2016	

6.6.4.2.3. Other off-campus extension programmes

Some of the major off-campus extension programmes implemented by Directorate of extension during 2016 to 2021 are given below:

S. No.	Programme	Funding Agency	Period of implementation	District
1	Exploring economic opportunities for farmers of kandi villages through application of proven rainfed technologies	Extension Division, ICAR	2016-17 to 2020-21	Samba
2	Organic Training Centreat Talwara	ICAR	2016-17 to 2017-18	Reasi
3	Production and demonstration of quality planting material of commercially important medicinal trees for livelihood security	NABARD	2016-17 to 2019-20	Jammu, Samba & Kathua
4	Augmenting livelihood opportunities for Scheduled Caste Community of Bishnah Block of Jammu District through agro-technological interventions	Education division	2020-21	Jammu
5	Enhancing Livelihood opportunities through Agro technological interventions of Tribal communities	Education Division, ICAR	2016-17 to 2020-21	Rajouri, Reasi and Poonch
6	National Innovations on Climate Resilient Agriculture (NICRA)	ICAR	2016-17 to 2020-21	Kathua
7	Attracting and Retaining youth in Agriculture (ARYA)	ICAR	2016-17 to 2020-21	Kathua

6.6.4.2.4. Extension coordination mechanism

ZREAC Meetings

The Zonal Research and Extension Advisory Committee (ZREAC) meetings for both *kharif* and *rabi* seasons are organized by the Directorate of Extension in which proven technologies generated by research wing of the university are discussed with the officers of state line departments for further dissemination to the farmers in the field. During the period from 2016-17 to 2020-21, four ZREAC meetings for *Kharif* and five ZREAC meetings for *rabi* season were organized with the total participation of 820 and 653 officers respectively.

ZREAC Meetings	No. / Date / Participants					Total
	2016-17	2017-18	2018-19	2019-20	2020-21	
Kharif (No.)	01 (25.05.2016)	01 (12.05.2017)	01 (25.06.2018)	01 (07.07.2019)	-	04
Participants	123	80	174	162	-	539
Rabi (No.)	01 (15.12.2016)	01 (10.11.2017)	01 (02.11.2018)	01 (06.11.2019)	01 (25.11.2020)	05
Participants	155	87	182	128	108	660



Scientific Advisory Committee Meetings

The Directorate of Extension organizes Scientific Advisory Committee Meetings of different Krishi Vigyan Kendras under its administrative control in which their progress reports are discussed and action plans are finalized in consultation with district agriculture and line departments and progressive farmers. During the period from 2016-17 to 2020-21, twenty four Scientific Advisory Committee Meetings were organized at different KVKs of the University.

Year	2016-17	2017-18	2018-19	2020-21
Number of SAC meetings	07	07	03	07



SAC Meeting of KVK Poonch



SAC Meeting of KVK Kathua



SAC Meeting of KVK Doda



SAC Meeting of KVK Rajouri

Annual Action Plan Meeting of KVKs

The Annual Action Plan Meeting 2016-17 of Krishi Vigyan Kendras of Jammu region was held in the Conference Hall of KVK, Jammu on 13th May 2016 which was attended by scientific staff of the KVKs of Jammu region along with Heads of various divisions from Faculty of Agriculture and Faculty of Veterinary Sciences & Animal Husbandry of SKUAST-Jammu. Two days Annual Action Plan Meeting of Krishi Vigyan Kendras of Jammu and Kashmir was held at Conference Hall of KVK, Jammu on April 17-18, 2018 which was attended by scientific staff of the KVKs of Jammu as well as Kashmir region. The main focus of the meeting was to discuss the annual progress report of KVK for the year 2017-18 with main focus on the impact of their activities at village and farm households' level.



Extension and technology dissemination system

The responsibility for planning, organizing, conducting and coordinating the extension activities of the university in the Jammu region of Jammu and Kashmir UT lies with the Directorate of Extension. Its main aim is to transfer the proven/tested technologies to the farmers, livestock owners, rural youth, field staff of State government and other personnel engaged in developmental and professional activities in the fields of agriculture, animal husbandry, horticulture, home science and other allied areas through its well planned, skill-oriented and need based programmes. The role of Directorate is two-fold, i.e., transfer of technologies from scientists to the ultimate users i.e. farmers through field functionaries and to find out the problems of the field to be passed on to various research divisions of Faculty of Agriculture, Faculty of Veterinary Sciences & A.H., Faculty of Basic Sciences and School of Biotechnology. Farm Advisory Service (FAS) is the major wing and field arm of the Directorate of Extension Education covering the entire Jammu Division through Krishi Vigyan Kendras (KVKs) located in various districts of Jammu Division. The scientists working in these KVKs have a direct contact with farmers and render the necessary advice about the crops and livestock production and protection, soil and water management, child care, family and farm resource management etc. at their door steps.

Monthly T&V Workshops

Monthly Officer's Workshops are planned every year with the departments of Agriculture and Horticulture in each district of Jammu province on scheduled dates for effecting close coordination of the extension activities of the University with concerned state departments, In the above meetings, monthly messages compiled crop-wise on the basis of calendar of operations are discussed which are to be conducted in various fields of agriculture and horticulture in the ensuing month. During the period from 2016-17 to 2020-21, Directorate of Extension conducted 347 Officers Monthly Workshops at various KVKs and district headquarters of the Jammu region. The workshops were attended by the district and sub-divisional level officers from Department of Agriculture and Department of Horticulture.

Year	2016-17	2017-18	2018-19	2019-20	2020-21
Number of monthly T&V workshops	48	52	53	17	46
Participants	2224	2356	2614	1758	2355

University Level Workshops

Every year a ‘One day University Level Workshop’ of all Krishi Vigyan Kendras under SKUAST-Jammu was conducted at the University Head Quarter in which Heads of the divisions from Faculty of Agriculture and Faculty of Veterinary Sciences & A.H and scientific staff of all KVKs participated. The workshop provided a platform to interact on the technology generation, refinement and dissemination and to deliberate upon the proven technologies generated through research for dissemination through FLDs with farmers participation in the Jammu region and those technologies which require assessment in the various districts and their refinement for location specificity at KVK level as On Farm Trials (OFTs). During the period from 2016-17 to 2020-21, Directorate of Extension organized six University Level Workshops for KVKs of the Jammu region with the participation of 354 scientists of the University.

Year	2016-17	2017-18	2018-19	2020-21
Number of workshop	01 (30.03.2017)	01 (28.03.2018)	01 (29.03.2019)	01 (30.03.2021)
Participants	36	32	45	80



Kisan Melas

The Directorate of Extension organizes KisanMelas regularly in the University, besides participating in other state, regional and state level melas. During the period from 2016-17 to 2020-21, two Kisan Melas were organized by the Directorate of Extension in which farmers from all over the state participated and shared their queries and experiences.

- Two days Kisan Mela 2017 was organized on the theme “Integrated Farming: Profitable and Sustainable Farming” in which more than 6000 farmers from different districts of Jammu region and outside the state participated.
- Five days State level KisanMela (physical and virtual) was organized on the theme “Self-Sufficient Agriculture – Self-Reliant India” w.e.f. 16th to 20th March, 2021. The major events include awareness on agricultural education for 10+2 students, Livestock and Dog show, presentations by Innovative farmers, Industry Meet, Medicinal Plant meet, Vegetables, Fruits and Flowers show etc.



Five days State level KisanMela on 16th to 20th March, 2021

Publications of Directorate of Extension

Directorate of Extension regularly updates package of practices for providing latest technologies and crop management practices to extension functionaries and farmers. During the last five years, following package and practices have been updated by the directorate and circulated among the line departments.

S. No.	Title of publications
1.	Package of Practices for Kharif Crop-2020
2.	Package of Practices for Rabi Crop 2020
3.	Package of Practices for Horticulture Crops-2020
4.	Package of Practices for Vegetables 2020
5.	Package of Practices for Flowers and Landscapping 2020
6.	Package of Practices on Food Processing Technologies 2021
7.	Atmanirbhar Bharat – Atmanirbhar Kisan: Sarkariyo janaonki pustika
8.	Kisanondwaraviksitnavachaaron par charcha
9.	Farmers led innovations for enhancing farm income
10.	Farmers and Rural youths' companion on Government schemes

Contribution in academic programmes

Krishi Vigyan Kendras organised students' visit under RAWE programme of Final year B.Sc. Agriculture students. At present, KVK Jammu, KVK Rajouri, KVK Samba and KVK Kathua are involved in the programme.

6.6.4.3. Extension Planning and Technological Impact

The extension activities of KVKs are planned to support agriculture and allied enterprises in adopting and deploying new technologies. The KVKs strive for promoting area specific need based farm innovations among farming communities. The Front Line Demonstrations (FLDs) have been conducted to demonstrate the efficacy of newly released production technologies of various crops on farmers' field and to explore their maximum potential under given farming situation.

6.6.4.3.1. Front Line Demonstrations (FLDs)

FLDs	2016-17	2017-18	2018-19	2019-20	2020-21	Total
Area (ha.)	367.20	575.82	389.95	527.24	802.95	2663.16
Participants	2195	3615	2118	3128	2226	13282

Similarly, KVKs had formulated on-farm trials on the basis of existing farming situations and feedback from farmers and field functionaries. New technologies were tested in participation with the farmers and were then taken to farmers fields for demonstrations.

6.6.4.3.2. Technology Assessment and Refinement (On-farm trials)

Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total
Number of OFTs	34	42	47	54	50	227
Participants	168	200	235	270	237	1110

6.6.4.3.3. Training and Extension programmes organised by Krishi Vigyan Kendras

Krishi Vigyan Kendras also organised different types of training and extension programmes to update the knowledge of farmers and extension functionaries. The detail of these programmes organised by KVKs during 2016-17 to 2020-21 are mentioned below:

6.6.4.3.4. Farmers Training programmes

Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total
Number of trainings	239	267	273	344	297	1420
Participants	5858	6013	5895	7593	5979	31338

6.6.4.3.5. In-service Training Programmes

Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total
Number of trainings	46	49	47	62	46	250
Participants	818	846	884	1183	758	4489

6.6.4.3.6. Vocational Training Programmes

Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total
Number of trainings	36	38	40	40	32	186
Participants	785	810	823	893	751	4062

6.6.4.3.7. Farmers Educative Events

Programme	2016-17		2017-18		2018-19		2019-20		2020-21	
	N	P	N	P	N	P	N	P	N	P
Field days	27	892	28	985	34	1072	46	1239	178	5288
Kissan Ghoshti/ Farmers scientist interaction	22	893	25	905	38	1302	163	4358	169	10708
Awareness programme	37	2514	36	2205	42	2802	143	3983	350	21206
Animal Health camps	14	1380	21	1506	24	1672	14	1121	44	3483
Kisan Mela Organised/ Participated	5	2016	8	720	25	9259	9	4763	53	22458
Celebration of important days/weeks	14	11340	16	9860	65	5545	52	4258	214	16301
Exposure visits	11	255	15	360	23	1296	42	1097	130	5239
Film Shows	11	618	15	880	62	1541	47	2118	263	11047

6.6.4.3.8. Trainings/workshops organized by the Directorate

The Directorate of Extension also organizes training programmes at its own level for field functionaries of state agriculture and line departments. During the period from 2016-17 to 2020-21, 37 training programmes were organized by the directorate with the active participation of 1824 personnel.

Year	2016-17	2017-18	2018-19	2019-20	2020-21
Number of trainings	03	28	02	01	03
Participants	288	1211	130	35	160



6.6.4.3.9. Sponsored Training programmes including Model Training Courses

The Directorate of Extension also organizes various sponsored training courses as given below:

Title of the Model Training courses	Collaborator	Dates	Participants
15 days Induction programme for rural youths	Nehru Yuva Kendra, Jammu	14 th to 28 th October, 2020	86
30 days certificate course on organic farming	RCOF, Panchkula	25 th November to 24 th December, 2020	31



Induction training programme for NYK volunteers



30 days certificate course on organic farming

6.6.4.3.10. Workshop on Extension Methodology

A five days' workshop on Extension Methodology was organized w.e.f. 21-25 June, 2016 in collaboration with Extension Education Institute (EEI) Nilokheri, Govt of India Ministry of Agriculture & Farmers Welfare Department of Agriculture and Cooperation, CCS,HAU Nilokheri Haryana.



Workshop sponsored by EEI, Nilokheri

6.6.4.3.11. Trainings for Technological Backstopping of KVK scientists

The Directorate of Extension organizes regular training programmes for scientists of KVKs working under the administrative control of SKUAST-Jammu. During the period from 2016-17 to 2020-21, eleven training programmes were organised by the directorate with the active participation of 359 personnel.

Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total
Number of trainings	03	02	02	02	02	11
Participants	96	66	68	55	74	359

The details of trainings conducted are as under:

S.No.	Title of the training programmes	Date	Participants
1.	Agricultural Marketing – The New Paradigm	6 th to 7 th January, 2017	30
2.	Integrated Farming System	4 th March, 2017	35
3.	Micro Irrigation Technology for improving Agricultural Productivity	31 st March, 2017	31
4.	Data uploading under TCS	31st August, 2018	36
5.	Statistical Tools for Data Analysis	23 rd March, 2018	30
6.	Organic Farming for Sustainable Agriculture	6 th to 7 th March, 2019	30
7	Group dynamics & Impact assessment	30 th March, 2019	38
8	Hydroponics	20 th February, 2020	36
9	Impact Analysis of Field Experiments using Statistical Tools	5 th to 6 th March, 2020	19
10	Principles of Organic Farming	27 th March, 2021	34
11	Application of Remote Sensing & GIS in Agriculture	29 th March, 2021	40
Total			359



6.6.4.3.12. Seminars/Conferences organised by the Directorate

Directorate of Extension organized following seminars/conference during the year from 2016-17 to 2020-21:

Innovative Farmers' Conference (23rd to 24th February, 2021)

Five Padma Shree and 11 national reputed farmers' along with 100 farmers of J&K region participated in the Conference and share innovations & successes in agriculture.



6.6.4.3.13. National Conference on “Impact of Agricultural Technologies in enhancing Growth and Income”

Two days National Conference of Maharashtra Society of Agricultural Economics on the theme “Impact of agricultural technologies in enhancing growth and income” organised by Directorate of Extension, Sher-e-Kashmir University of Agricultural Sciences & Technology of Jammu in collaboration with Division of Agricultural Economics and ABM. Dr. Pradeep K. Sharma elaborated the importance of the theme of the national conference. He described the role of assessing the impact of agricultural technologies and programmes being implemented for the welfare of the farmers. He further suggested that farmer’s success stories in one part of the country should be documented for replication in other similar agro-climatic zones. Dr. PrakashMahindre, President, MSAE expressed his satisfaction in organisation of conference at SKUAST-Jammu and thanks Hon’ble Vice Chancellor for cooperation and support. Earlier, Dr. R.K. Arora, Associate Director Extension presented the welcome address. Dr. Jyoti Kachroo, Head, Division of Agril. Economics and ABM presented the technical report. More than 200

delegates/scholars from different parts of the country attended the Conference for sharing their research findings on important themes like impact of agricultural research and extension, economics of application of innovative methods in agriculture & integrated systems of management, New Dimensions of Agricultural Credit, Cooperation and Marketing and impact of farmers' interventions, including success stories. Ten Lead papers on different themes of the conference were presented by eminent agricultural scientists, including Dr. Alka Singh, Professor, ICAR-IARI, New Delhi, Dr. K.B. Patil, Vice President, Jain Irrigation Systems Ltd., Jalgaon, Dr. V.G. Nithya, Visiting Scientist, National Institute of Rural Development and Panchayat Raj, Hyderabad. Besides, more than 135 oral and 180 poster presentations were delivered by the delegates during the Conference. Officers of the University including Dr. TAS Ganai, Director Education, Dr. Deepak Kher, Director Planning & Monitoring, Dean, Faculty of Agriculture, Dean Faculty of Basic Sciences were also present during the ceremony. The valedictory function ended with the vote of thanks presented by Dr. Pawan Kumar Sharma, Scientist (Agril. Economics), Organising Secretary.



6.6.4.3.14. Organising exposure visits of farmers / youths to University

Directorate of Extension has organised exposure visit of farmers to different units of the University as per the details given below:

S. No.	Name of Districts	Date(s)	No of participants
1	Samba	18.12.2019	44
2	Samba	20.12.2019	22
3	Poonch	23.12.2019	35
4	Ramban	23 to 24.12.2019	22
5	Jammu	23.12.2019	55
6	Udhampur	26.12.2019	38
7	Udhampur	30.12.2019 to 01.01.2020	25
8	Udhampur	15.01.2020	50
9	Samba	16.01.2020	41

10	Udhampur	15.01.2020 to 17.01.2020	18
11	Jammu	17.01.2020	38
12	Udhampur	21.01.2020 to 22.01.2020	54
13	Poonch	20.01.2020	30
14	Poonch	22.01.2020	28
15	Reasi	22.01.2020 to 24.01.2020	45
16	Ramban	24.01.2020	43
17	Doda	29.01.2020	16
18	Ramban	31.01.2020	50
19	Kishtwar	06.07.2020	46
20	Ramban	09.02.2020 to 13.02.2020	50
21	Udhampur	13.02.2020 to 15.02.2020	32
22	Doda	18.02.2020	27
23	Samba	20.02.2020	40
24	Samba	20.02.2020	40
25	Budgam	22.02.2020	41
26	Poonch	02.03.2020 to 03.03.2020	53
27	Samba	02.03.2020	50
28	Samba	03.03.2020	52
29	Samba	04.03.2020	29
30	Poonch	04.03.2020 to 07.03.2020	20
31	Reasi	06.03.2020	18
32	Udhampur	06.03.2020 to 09.03.2020	25
33	Kathua	18.01.2021	54
34	Samba	03.03.2021	40
	Total		1271



Farmers' exposure visits organised by Directorate of Extension

6.6.4.3.15. Commercializing innovations

Several programmes and seminars were organised by Directorate of Extension in collaboration with industries to commercialize scientific interventions and innovations developed by the scientists. Some of these efforts are discussed below:

6.6.4.3.15.1. ASSOCHAM's conference

A one day Conference on Agri and Food Processor's Conclave: Finance – Technology – Market was organised on 19th October, 2016 by The Associated Chambers of Commerce and Industries of India (ASSOCHAM) in collaboration with SKUAST-Jammu as a joint venture for providing a platform to aspiring food entrepreneurs. Prof. Pradeep K. Sharma, in his presidential address, stressed upon the development of marketing and industrial infrastructure for complimenting the increasing food grain production and farm income of marginal and small farmers. Sh. Rakesh Gupta, President, Chambers of Commerce, Jammu thanked ASSOCHAM-India for organising the conference at Jammu.



6.6.4.3.15.2. Industry-Academia meets

An Industry-Academia meet was organised during five days KisanMelaat Main Campus Chatha to sensitize the progressive farmers and industry persons about the improved and proven technologies developed by scientists of SKUAST-Jammu so that these technologies can be commercialized for the larger interest of the farming community.

Director Industries and Commerce, Jammu, M.D. Agro Industries were among the major participants in the meet. During the programme scientists of the university deliberated on the technologies of university viz., animal feed technologies, processing of milk and meat products, mineral mixtures, automated times based variable speed device for a sprinkler irrigation system, hydroponic, potential and prospects of newly released basmati varieties, biopesticides and food processing technologies.

6.6.4.3.16. What is the mechanism in place to study the technological impact?

The Directorate of Extension regularly conducted surveys for assessing the technological impact of activities conducted by KVKs and other units of the University. The findings are also being published in national and international journals. Some of the mechanisms involved in evaluating the impact are given below:

- Base line survey of different districts by KVKs
- Deliberations during Scientific Advisory Committee Meetings of different KVKs
- Feedback by the line departments of different districts
- PRAs of villages and regular feedback from farmers at village levels
- Results of Minikit trials on University technologies presented by Departments during Zonal Research and Extension Council and Extension Council meetings for kharif and rabi seasons.

6.6.4.4. Implementation of national Initiatives

The status of implementation of national initiatives by Directorate of Extension and its Krishi Vigyan Kendras is given below:

S. No.	Programme / Title	Period of implementation	District
1	Farmer FIRST Programme entitled “Exploring economic opportunities for farmers of kandi villages through application of proven rainfed technologies”	2016-17 to 2020-21	Samba
2	<i>Mera Gaon Mera Gaurav</i>	2016-17 to 2017-18	Jammu
3	SCSP project entitled “Augmenting livelihood opportunities for Scheduled Caste Community of Bishnah Block of Jammu District through agro-technological interventions”	2020-21	Jammu
4	Tribal Sub Plan project entitled “Enhancing Livelihood opportunities through Agro technological interventions of Tribal communities of Poonch and Budhal blocks of Poonch and Rajouri Districts”	2016-17 to 2020-21	Rajouri, Reasi & Poonch
5	National Innovations on Climate Resilient Agriculture (NICRA)	2016-17 to 2020-21	Kathua
6	Attracting and Retaining youth in Agriculture (ARYA)	2016-17 to 2020-21	Kathua & Reasi
7	District Agricultural Meteorological Units (DAMU)	2018-19 to 2020-21	Kathua & Reasi
8	Organic Training Centre under PanditDeenDayalUpadhyayUnnatKrishiShiksha Yojna	2016-17 to 2017-18	Reasi
9	Swachta Action Plan	2018-19 to 2020-21	All KVKs
10	mKisan - ICT Initiative	2016-17 to 2019-20	Jammu, Samba & Kathua
11	Skill based programmes	2017-18 to 2020-21	Jammu, Kathua, Samba, Rajouri, Reasi

6.6.4.5. Innovation and Best Practices

The innovative efforts and best practices adopted by Directorate of Extension to achieve excellence in extension are discussed below:

6.6.4.5.1. Promotion of market led extension

In order to strengthen market led extension, packaging and branding has been promoted by providing technical guidance alongwith provision of sale outlets for niche products of Jammu region. Milk cake of remote Abdullian village, located at International Border with Pakistan has been modified in terms of sugar content, packing etc. with the technical interventions of University scientists. An outlet is also provided free of cost at R.S. Pura, Campus of SKUAST-Jammu on community basis for sale of branded Abdullian Milk Cake under brand name of 'SKUAST-Jammu'. The initiative is successful in providing marketing facilities and economic empowerment of farm families of Abdullian village.



A group which comprises of ten families is presently working together in coherence to meet out demand and supply chain of this outlet. They have been trained on processing of milk cake using less of sugar content, more of calcium and iron content, proper caramalization of milk cake without adding any additives, cutting and packaging of milk cake.

6.6.4.5.2. Farmers-Industry-Stakeholders Meet

Farmers-Industry-Stakeholders Meet was organised at KVK Jammu on 2nd January, 2019 attended by 124 participants. Linkages between department namely SKUAST-Jammu, Agriculture marketing and planning, Horticulture, State medicinal plant board J&K, Forest and Dabur Pvt. Ltd. have been developed during the programme.



6.6.4.5.3. VC to Village Programme

SKUAST-J under the aegis of Directorate of Extension launched 'VC to Village Programme' with the aim to reach out to the farmers of remote villages in different districts of Jammu region. The programme has been devised to bring together University scientists and extension officers of State Agriculture and allied departments, including Horticulture, Fisheries,

Animal Husbandry, Floriculture, Sericulture etc. at farmers' doorstep for exchange of new ideas and transfer of technologies through exhibitions. The programme has a multifarious impact with on-spot solution of farmers' queries related to different aspects of agriculture and allied enterprises by scientists and representatives of departments.

6.6.4.5.4. Village Visit and Revisit Programme

'Village Visit and Revisit Programme' has been launched to enhance regular scientists' interactions with farmers. A multidisciplinary team of scientists of the University visit selected village every week and provide information to the farmers on technical and other related aspects of agriculture and allied enterprises. Being the resource persons for a particular village, the scientists are expected to monitor the process of adoption of agricultural technologies by the farmers. This helps in identification of problems at village level for framing need based prospective research programmes of the University.

The programme has positive impact in lives of farmers having regular interaction with University Scientists. Based on the problems identified during the programme, the scientists of the University have won competitive research grants at national level to pursue research on innovative issues.

6.6.4.5.5. Initiation of participatory seed Production Programme

A participatory seed production programme has been implemented in three districts of Jammu region (Jammu, Samba and Kathua). This is a collaborative programme of Mega Seed Project of SKUAST-Jammu with different Krishi Vigyan Kendras under the administrative control of SKUAST-Jammu. The farmers are encouraged to initiate seed production of cereals for enhancing their farm income. The facility available with Mega Seed Project, SKUAST-Jammu shall be provided to the farmers for processing of seed produced under the programme.

6.6.4.5.6. ICT based Extension Programme

A virtual five days SKUAST-Jammu Kisan Mela was organized on the theme "Innovative farmers Conference" w.e.f. 23-24th February, 2021 with outreach of around 1 lakh viewership. The highlights of the Mela included presentations by National Awardee farmers, display of latest technologies, live demonstrations, Flowers, Vegetable and Fruit shows, Livestock and Dog Shows, farm tourism and rural sports etc.

Further, a week long initiative entitled "Farm to Table – A Week Long Market" was launched on FM Tadka with active collaboration of Krishi Vigyan Kendra Jammu. The programme was aired with outreach of more than 25000 listeners. SKUAST-Jammu 'YOU-TUBE Channel' has been launched containing videos of technologies developed by the scientists of SKUAST-Jammu.

An Android APP entitled ‘**KisanHetashi**’ is developed for dissemination and adoption of scientific agricultural practices by farmers. The APP also includes latest information on government schemes for welfare of the farming community.



An exclusive ‘**e-studio**’ at SKUAST-Jammu has been developed with facility of sound recording, mixing, audio and video production of technologies developed by the University.

6.6.4.5.7. Involvement of Ex-servicemen

KVKs have devised a special strategy named ex-service men based extension strategy. One ex-service man is selected as resource farmer who has adopted farming as profession from ultimate working unit, because it is believed that ex-service men are highly motivated and devoted to lead a disciplined life and have social acceptability. This strategy has given good results in terms of adoption of new technologies among masses.

6.6.4.5.8. CBBO for formation and promotion of FPOs

SKUAST-Jammu has been empanelled as Cluster based Business Organization (CBBO) by NABARD and NCDC to form and promote Farmer Producer Organizations in Jammu region. The innovative strategy at national level has been considered to be the game changing step in strengthening the farmers. In the year 2020-21, 09 FPOs have been allotted to SKUAST-Jammu which includes 06 by NCDC and 03 by NABARD in Kathua, Reasi, Kishtwar and Poonch districts of Jammu region.

6.6.4.6. Consultancy/Certification/Testing:

The Directorate of Extension, including Krishi Vigyan Kendras provides consultancy services provided to different departments/organizations as given below:

S. No.	Department	Type of consultancy
1.	Agriculture Production Department, J&K Govt. Jammu	Participation in ATMA activities, Deputation of resource persons, organization of in service & farmers and vocational trainings.
2.	Department of Sheep Husbandry, J&K Govt.	Formulation of Annual Action plan in all districts of Jammu region
3.	NABARD	Organizing trainings, collaborative trainings and workshop, Formations of farmer Clubs, SHGs, Planning and execution of exposure visits.
4.	Nehru Yuva Kendra	Formulation of Annual Training Calendar for Capacity building programmes
5.	Department of Floriculture, J&K Govt.	Formulation of Annual Training Calendar for Capacity building of farmers and demonstrations
6.	State Department of Horticulture	Participation in ATMA activities, Deputation of resource persons, organization of in service trainings
7.	RSETI, Kathua	Formulation of Annual Training Calendar for skill development programmes of rural youth
8.	District Rural Development Agency	Formulation of training programmes for rural youths
9.	Himalayan Forest Research Institute, Shimla, HP	Visit to KVK and Farmers field for identifying area for medicinal plants
10.	District Administration	Attended Pre- District Board Meeting

University is testing products and varieties of different private companies of national repute. Some of these companies are mentioned below:

- SYNGENTA India Ltd.
- ADAMA India Pvt. Ltd.
- Savannah Seeds Pvt. Ltd.
- Directorate of Plant Protection
- UPL-Advanta India Ltd.
- DMR, New Delhi
- Indofil

Product / variety testing conducted by SKUAST-Jammu

Year	No. of Companies	No of Products	Amount in lakh
2015-16	15	21	31.50
2016-17	12	15	34.00
2017-18	8	15	28.90
2018-19	10	13	34.40
2019-20	11	23	44.50
2020-21	11	25	62.50

The list of scientists involved in Consultancy/Certification/Testing is given below:

S. No.	Name	Designation	Department
1	Dr. Shahid Ahamad	Associate Director Research	Directorate of Research
2	Dr. B.C. Sharma	Professor	Division of Agronomy
3	Dr. Jaswinder Soodan	Professor	Division of TVCC
4	Dr. Rajiv Singh	Professor	Division of Veterinary Medicine
5	Dr. BR. Bazaya	Assoc. Professor	Division of Agronomy
6	Dr. R.K. Gupta	Professor, Entomology	Division of Entomology
7	Dr. S.K. Singh	Asstt. Professor, Plant Pathology	Directorate of Research
8	Dr. Narinder Panotra	Junior Scientist, Agronomy	Directorate of Research

6.6.5. Faculty and Staff Development

6.6.5.1. Recruitment and Promotional Avenue:

The recruitments of Teaching and Non-Teaching staff are made either through direct entry or career advancement scheme as per the rules and regulations as in vogue under the university act and notified statutes.

Selection process for academic and other Administrative Posts: The selection to the academic and other administrative officers is made strictly as per the statute and act. The following procedure is adopted:

- Advertisement of post through print and electronic media.
- Copies of the advertisement are sent to the all SAU's/ICAR/other Institutes/ UGC units etc.

After screening by the registry, the interviews are conducted by high-level selection committee

Recruitment to the Non-teaching Staff: Recruitment to the Non-teaching staff is made through selection as per the following:

- Advertisement through print and electronic media.
- Screening of candidates by Registrar's office, as per eligibility.
- Written test wherever required and personal appearance before the selection committee

The major recruitments during the last five years are enlisted below:

S.No.	Direct /SRO-43/In-Service	Post Name	Name of Appointee	Univ. Order No.
1	Direct	Asstt. Professor, Agricultural Statistics	M. Iqbal Jeelani Bhat	49(Secy.) of 2015 dated. 08.06.2015
2	Direct	Asstt. Professor, Fisheries	Dr. Raj Kumar	50(Secy.) of 2015 dated. 08.06.2015
3	Direct	SMS, Fisheries	Dr. Ghanshyam Nath Jha	51(Secy.) of 2015 dated. 08.06.2015
4	Direct	Sr. Scientist/ Associate Prof. Agronomy	Dr. Suja Nabi Qureshi	52(Secy.) of 2015 dated. 08.06.2015
5	Direct	Sr. Scientist/ Associate Prof. Agronomy	Dr. Arvind Parkash Singh	74(Secy.) of 2015 dated. 09.11.2015
6	Direct	Sr. Scientist/ Associate Prof. Fisheries	Dr. Akhil Gupta	75(Secy.) of 2015 dated. 09.11.2015
7	Direct	Sr. Scientist/ Associate Prof. Fruit Science	Dr. Mahender Kumar Sharma	76(Secy.) of 2015 dated. 09.11.2015

8	In-Service Peromotion	Stenographer	Sh. Bikram Ram	14(Secy.) of 2016 dated. 14.03.2016
9	In-Service Peromotion	Stenographer	Sh. Sajad Ahmed	14(Secy.) of 2016 dated. 14.03.2017
10	Direct	Dean, FOA	Dr. D.P. Abrol	15(Secy.) of 2016 dated. 01.04.2016
11	Direct	Sr. Scientist Agrometerology	Dr. Mahender Singh	16(Secy.) of 2016 dated. 01.04.2016
12	Direct	Sr. Scientist AICRP on weed Management	Dr. B.R. Bazaya	17(Secy.) of 2016 dated. 01.04.2016
13	Direct	Sr. Scientist (PBG) ACRA	Dr. Sanjeev Kumar	18(Secy.) of 2016 dated. 01.04.2016
14	Direct	Professor (Agril Engg.)	Dr. Sanjay Khar	19(Secy.) of 2016 dated. 01.04.2016
15	Direct	Professor (Biotechnology)	Dr. Romesh Kumar Salgotra	20(Secy.) of 2016 dated. 01.04.2016
16	Direct	Sr. Scientist (Fruit Sc. / Pomology)	Dr. Mahital Jamwal	22(Secy.) of 2016 dated. 06.04.2016
17	Direct	Stenographer	Sh. Rakesh Sharma	24(Secy.) of 2016 dated. 27.04.2016
18	Direct	Stenographer	Neharika	24(Secy.) of 2016 dated. 27.04.2017
19	Direct	Stenographer	Ajay Kumar	24(Secy.) of 2016 dated. 27.04.2018
20	Direct	Stenographer	Dev Raj	24(Secy.) of 2016 dated. 27.04.2019
21	Direct	Stenographer	Mohd. Nissa	24(Secy.) of 2016 dated. 27.04.2020
22	Direct	Stenographer	Vijay Aga	24(Secy.) of 2016 dated. 27.04.2021
23	Direct	Stenographer	Neha	43(Secy.) of 2016 dated. 27.06.2016
24	Direct	Computer Assistant	Abdul Hafiz	59(Secy.) of 2016 dated. 06.10.2016
25	Direct	JE- Civil	Suresh Kumar	63(Secy.) of 2016 dated. 11.11.2016
26	(SRO-43)	Orderly Cum- Chowkidaar	Sonu Bhagat	65(Secy.) of 2016 dated. 23.12.2016
27	Direct	Work Supervisor Civil	Mubasher Ahmad	14(Secy.) of 2017 dated. 21.04.2017

28	(SRO-43)	OCC	Sahil Kumar	18(Secy.) of 2017 dated. 06.06.2017
29	Direct	Accounts Assistant /Cashier	Ripul Vaid	25(Secy.) of 2017 dated. 07.07.2017
30	Direct	Accounts Assistant /Cashier	Nitin Khajuria	25(Secy.) of 2017 dated. 07.07.2018
31	Direct	Accounts Assistant /Cashier	Sahil Gupta	25(Secy.) of 2017 dated. 07.07.2019
32	Direct	Accounts Assistant /Cashier	Mithun Kumar	25(Secy.) of 2017 dated. 07.07.2020
33	In-service Permotion	Stenographer	Naresh Kumar	27(Secy.) of 2017 dated. 18.07.2017
34	Direct	Dy. Comptroller	R.K. Kapoor	(34)Est. of 2018 Dated28.03.2018
35	In-Service Promotion	Joint Registrar	Dr. Bharat Bhushan	(35)Est. of 2018 Dated. 28.03.2018
36	In-service Permotion	ACT	Neeraj Singh	41(Secy.) of 2017 dated. 24.08.2017
37	In-service Permotion	ACT	Bahadur Singh	41(Secy.) of 2017 dated. 24.08.2018
38	In-service Permotion	ACT	Sudha Sharma	41(Secy.) of 2017 dated. 24.08.2019
39	Direct	Assistant Comptroller/ Accounts Officer	Sh. Vijay Kumar Sharma	01(Secy.) of 2018 dated. 01.01.2018
40	Direct	FCLA	Ajay Kumar	50(Secy.) of 2018 dated. 25.04.2018
41	Direct	FCLA	Simranjeet Kour	50(Secy.) of 2018 dated. 25.04.2019
42	Direct	FCLA	Pankaj Pandotra	50(Secy.) of 2018 dated. 25.04.2020
43	Direct	FCLA	Shikha Sharma	50(Secy.) of 2018 dated. 25.04.2021
44	Direct	FCLA	Deepak Sharma	50(Secy.) of 2018 dated. 25.04.2022
45	Direct	FCLA	Ansheeta Sasan	50(Secy.) of 2018 dated. 25.04.2023
46	Direct	FCLA	Raj Kumar Gupta	50(Secy.) of 2018 dated. 25.04.2024

47	Direct	FCLA	Supneet Kaur	50(Secy.) of 2018 dated. 25.04.2025
48	Direct	FCLA	Vikas Koul	50(Secy.) of 2018 dated. 25.04.2026
49	Direct	FCLA	Deepika	50(Secy.) of 2018 dated. 25.04.2027
50	Direct	FCLA	Rasmeet Kour	50(Secy.) of 2018 dated. 25.04.2028
51	Direct	FCLA	Deepika Sharma	50(Secy.) of 2018 dated. 25.04.2029
52	Direct	FCLA	Kritika Sharma	50(Secy.) of 2018 dated. 25.04.2030
53	Direct	FCLA	Gulshan Kumar	50(Secy.) of 2018 dated. 25.04.2031
54	Direct	FCLA	Niraj singh	50(Secy.) of 2018 dated. 25.04.2032
55	Direct	FCLA	Sahil Kumar	50(Secy.) of 2018 dated. 25.04.2033
56	Direct	FCLA	Vinod Kkumar Sharma	50(Secy.) of 2018 dated. 25.04.2034
57	Direct	FCLA	Muzamil Ahmad Hajam	50(Secy.) of 2018 dated. 25.04.2035
58	Direct	FCLA	Sagir Ahmed	50(Secy.) of 2018 dated. 25.04.2036
59	Direct	FCLA	Suraj Parkash Shah	50(Secy.) of 2018 dated. 25.04.2037
60	Direct	LSA	Riyaz Hussain	51(Secy.) of 2018 dated. 25.04.2018
61	Direct	LSA	Abass Ali	51(Secy.) of 2018 dated. 25.04.2019
62	In-Service Peromotion	ACT	Mr. Krishan Chand Sharma	60(Secy.) of 2018 dated. 30.05.2018
63	In-Service Peromotion	ACT	Mr. Mohan Lal	60(Secy.) of 2018 dated. 30.05.2019
64	Direct	FCLA	Sonam Sharm	66(Secy.) of 2018 dated. 20.06.2018
65	Direct	Asstt. Manager (Guest House)	Devanshu	75(Secy.) of 2018 dated. 19.07.2018
66	Direct	Asstt. Manager (Guest House)	Bilal Ahmad	76(Secy.) of 2018 dated. 27.07.2018

67	Direct	ACT	Nawaz Ali	87(Secy.) of 2018 dated. 10.09.2018
68	Direct	ACT	Mazeed Ali	87(Secy.) of 2018 dated. 10.09.2019
69	Direct	Driver	Pawandeep Singh	88(Secy.) of 2018 dated. 10.09.2018
70	Direct	Driver	Sumit Chowdhary	88(Secy.) of 2018 dated. 10.09.2019
71	Direct	Stenographer	Sumir Ji Raina	89(Secy.) of 2018 dated.10.09.2018
72	Direct	Driver	Rashpal Singh	90(Secy.) of 2018 dated.10.09.2018
73	Direct	Driver	Jaspreet Singh	90(Secy.) of 2018 dated.10.09.2019
74	Direct	Driver	Puran Singh	90(Secy.) of 2018 dated.10.09.2021
75	Direct	Driver	Imran Hussain	90(Secy.) of 2018 dated.10.09.2022
76	Direct	Driver	Sahil Kanatia	90(Secy.) of 2018 dated.10.09.2023
77	Direct	Driver	Sanjeet Kumar	90(Secy.) of 2018 dated.10.09.2024
78	Direct	Driver	Allaha Rakha	90(Secy.) of 2018 dated.10.09.2025
79	Direct	Driver	Dinesh	100(Secy.) of 2018 dated. 31.10.2018
80	Direct	Driver	Tajinder Singh	125(Secy.) of 2018 dated.10.12.2018
81	In-service Permation	Stenographer	Balwinder Kour	126(Secy.) of 2018 dated.10.12.2018
82	In-service Permation	Stenographer	Anuradha Sharma	126(Secy.) of 2018 dated.10.12.2019
83	Direct	Electrician	Shiv Kumar	13(Secy.) of 2019 dated. 05.02.2019
84	(SRO-43)	OCC	Shoba Rani	01(Secy.) of 2021 dated. 29.01.2021
85	(SRO-43)	OCC	Nitish Kumar	25(Secy.) of 2021 dated. 23.03.2021
86	(SRO-43)	OCC	Sunil Kumar	27(Secy.) of 2021 dated. 26.03.2021

Career advancement procedure and its implementation for all categories

Procedure for CAS of 2009 for Faculty Members:

- i. A teacher who wishes to be considered for placement under CAS shall submit in writing to the University on or before the due date of eligibility, that he / she fulfils all qualifications and requirements under CAS and submits to the University the PBAS based work done report, duly supported by all credentials. The University shall immediately initiate the process of screening/ selection, and shall complete the process within six months from the date of application. Further, the candidate who fulfils all other criteria mentioned in these Regulations as on the date of notification of these Regulations shall be considered for placement from the date on which they fulfill these eligibility conditions as mentioned above and financial benefit will be given from the date of eligibility.
- ii. A teacher shall have earned annual increments regularly during the assessment period for CAS placements. These placements being a personal placement to the incumbent teacher, scientist or equivalent holding a substantive sanctioned post, on superannuation of the individual incumbent or the incumbent relinquish the post for any other reasons the vacated post shall revert back to its original cadre.
- iii. The In-charge/ Controlling Officer/ HoD will verify the information of the applicant by giving a certificate at the end of the application.
- iv. If a teacher, scientist or equivalent does not succeed in the first assessment, but succeeds in the eventual assessment, his/her placement shall be deemed to be from the later date he/she gets eligible for placement in higher grade.
- v. The teacher, scientist or equivalent must be on roll and in active service of the University on the date of eligibility for placement and should submit his/her application on or before the last date of eligibility.
- vi. If a candidate applies for placement on the last date of completing the minimum eligibility period and is successful, the date of Placement will be from the date of eligibility. However, if the candidate finds that he/she fulfils the eligibility conditions at a later date and applies for placement from that later date and is successful, his/her placement will be effected from the date he/she fulfils the prescribed criteria for the placement.
- vii. The issue regarding the counting of period of active service spent on pursuing Ph.D. is to be considered in light of UGC notification 2010 and its clarification issued from time to time thereof.
- viii. CAS placements from a lower grade pay to a higher grade pay of Assistant Professor shall be conducted by a **“Screening cum Evaluation Committee”** adhering to the PBAS system which will be progressively and prospectively rolled out w.e.f. 1.1. 2011.
- ix. The APR’s of the assessment period shall be counted in the score card for promotion in all stages.
- x. The **“Screening cum Evaluation Committee”** for CAS shall consist of: AGP 6000 to 7000 and AGP 7000 to 8000 (AP to Sr. Scale and AP (Sr. Scale) to AP (Selection Grade).

- Two members amongst Directors/Deans/Other Officers of the University (to be nominated by the Vice-Chancellor), out of which one will act as Chairman (to be nominated by the Vice Chancellor).
- Dean of concerned Faculty as a member
- One senior Professor of the concerned faculty to be nominated by the Vice Chancellor.
- The concerned Head of the Division/Unit as a member
- Deputy Registrar (Est) as a Non-Member secretary

The quorum for the committee meeting shall be three including Chairman.

- xi. The teachers seeking placement from Assistant Professor AGP 8000 (Sr. Grade) to Associate Professor and equivalent (AGP Rs. 9000) and Associate Professor and equivalent to Professor and equivalents (AGP Rs. 10,000) shall be called for interview before the selection committee after it is cleared by the “Screening cum Evaluation Committee”. The composition of the selection committee for the purpose shall be same as applicable at the time of recruitment to position of Assoc. Professor and Professor as mandated in the Statutes.

Composition of Screening cum Evaluation Committee:

- The Vice Chancellor - Chairperson
- Three experts in the concerned subject nominated by the Vice Chancellor out of the panel of names of outside state experts approved by the Board of Management
- One member amongst Dean/Director to be nominated by the Vice Chancellor
- *At least three members, including the chairperson and one outside subject experts shall constitute the quorum*
- Registrar as non –member Secretary

The recommendations of the Screening-cum-Evaluation committee shall be placed before the Selection committee.

- xii. The recommendation of “Selection Committee” for promotion as Associate Professors and Professor under CAS shall be placed before to the Board of Management for approval.
- xiii. In case of such teachers/scientists or equivalent, who will not be fulfilling the requirement of participation in Orientation/Refresher course(s) only, wherever applicable, on or before their due date of placement/promotion under CAS for Teachers, their assessment shall be deferred by one year precisely within which he/she has to fulfill the training requirement in any case. In such cases the placement/promotion under CAS of a teacher shall take effect from the due date of his/her eligibility. This provision shall not be extended beyond one year after implementation of these CAS guidelines in any case. Thereafter the date of placement/promotion shall be the date when all the requirements including trainings for such placement/promotion as envisaged in the Scheme will be fulfilled by the concerned.
- xiv. All the assessments shall be based on the PBAS specifically developed for SKUAST of Jammu/Kashmir (Annexure-I). However, the assessment in respect of teachers/scientists whose placement/promotion falls between 01.01.2009 to 31.12.2010, shall be as per the pre-amended CAS for Teachers/Scientists under Schedule-II of Chapter –III of SKUAST Statutes.

6.6.5.2. Participation of Faculty in Symposia / Workshops

The university deposes its scientific, teaching and extension staff to attend need based refresher courses (summer/winter school), CAFT courses, conferences, workshops and symposia for updating their knowledge and skills.

The year-wise details of seminars/symposia/conferences attended by the scientists of different faculties during 2016 to 2021 are given below:

6.6.5.2.1. Participation of Faculty of Agriculture in Symposia / Workshop (2016 to 2021)

Name of Scientist	Title	Date	Organising institute
2016-17			
Dr. Satesh Kumar Assoc. Prof.	VIIth Annual Group Meeting of AINRPOG	April 4-5,2016	C.S.A University of Agriculture and Technology, Kanpur
Dr. Vikas Sharma	World Water Week 2016	Aug. 28, 2016 to Sept. 02, 2016	SIWI, Stockholm, Sweden
Dr. R.K. Gupta	National conference organized by ICAR-CIPHET	September 29-30, 2016	CIPHET, Ludhiana
Dr Rajeev Bharat	4 th International Agronomy Congress entitled “Agronomy for sustainable Management of Natural Resources, Energy and Livelihood Security to Achieve Zero Hunger Challenge”	22-26 th November, 2016	IARI, New Delhi
Dr.Vikas Abrol	4 th International Agronomy Congress: Agronomy for Sustainable Natural Resources, Environment, Energy and Livelihood Security to Achieve Zero Hunger Challenge,	Nov 22-26, 2016,	ICAR, New Delhi (INDIA)
Dr. Arti Sharma	Brainstorming workshop on Climate Change and its impact on Hill Agriculture	8 December, 2016	SKUAST-J
Dr. S. K. Singh, Associate Professor	Participated in one day brainstorming workshop on “Status and strategies for management of stripe (yellow) rust of wheat”	14 th December, 2016	SKUAST of Jammu.
Dr. A. K. Singh	Participated in one day brainstorming workshop on Status and strategies for management of stripe (yellow) rust of wheat	14 th December, 2016	SKUAST of Jammu
Dr. A. K. Singh	Participated in National symposium on Phytopathogenic Mollicutes: Indian Scenario of Diagnosis, Epidemiology and Disease Management	17 th December, 2016	Indian Phytopathological Society, ICAR-IARI, New Delhi

Dr. Meenakshi Gupta	AGMET 2016	20-22 th December 2016	TNAU Coimbatore
Dr. Vikas Sharma	1st Asian Conference on “Water and Land Management for Food and Livelihood Security.	January 20-22, 2017	IGKV Raipur
Dr. Vivak M Arya	Attended 1 st Asian Conference on Water & Land Management for food and livelihood security	20 th Jan to 22 nd Jan, 2017.	IGKV Raipur (C.G)
Dr. Renu Gupta	1 st National conference on global research in Agriculture and Technology	9-11 February, 2017	Society of Technofame, Agra,U.P
Dr. Anil Bhushan Asst	International Conference on Technological Advancement for Sustainable Agriculture and Rural Development (TASARD-2017)	20-22 February, 2017	NASC, Complex, New Delhi, India
Dr. Julie D. Bandral	Statistics and Informatics in Agriculture and Allied Sciences	27 th February to 01 st March 2017	SKUAST- Jammu
Dr. Peeyush Sharma	J & K Science Congress	2 nd - 4 th March. 2017	University of Jammu
Dr. Julie D. Bandral	12 th JK Science Congress	2 nd - 4 th March. 2017	University of Jammu
Dr. Arti Sharma	12 th JK Science Congress	2-4 March, 2017	University of Jammu
Dr. Monika Sood	12 th JK Science Congress	2 nd - 4 th March. 2017	University of Jammu
Dr. Subhash C Kashyap	12 th JK Science Congress	March, 02-04, 2017	Jammu University & J K DST
Dr. Neeraj Gupta	12 th JK Science Congress	2 nd - 4 th March. 2017	Jammu University
Dr. Anil Bhushan Asstt. Prof.	19 th Annual Conference on Statistics and Informatics in Agricultural Sciences	06-08 March, 2017	SKUAST-Jammu
Dr. S. K. Singh, Associate Professor	Participated in 19 th Annual national conference of society of statistics, computer and applications	6-8 th March, 2017	SKUAST Jammu
Dr. Kamlesh Bali	19 th Annual National Conference on Statistics and Informatics in Agricultural and Allied Sciences	6-8 th March, 2017	SKUAST-Jammu

2017-18			
Dr. Vivak M Arya	Participated and presented paper on “Impact of conservation practices on soil quality of mango orchards of rainfed zone of Jammu” at National Seminar I st Asian Conference on Water & land management for food and livelihood security	20 th Jan to 22 nd Jan, 2017.	IGKV Raipur
Dr. Raj Kumar	2 nd National conference on ‘Technological Interventions for Sustainable Livestock Production’	10-12 April, 2017 (3 days).	SKUAST-J, R.S.Pura, Jammu
Dr. Kamlesh Bali	National Conference on: Technological Interventions for Sustainable Livestock Production	April, 10-12, 2017	F.V.Sc. &A.H., R.S.Pura, SKUAST-Jammu
Dr. Subhash C Kashyap	Biotechnology: Resource management for sustainable nature in 21st century	April, 22-23, 2017	Indian Society of Biotechnology, Genetics and Plant Breeding (Regd) Agra (UP)
Manpreet Kour	2 nd National conference of SVAHE	10 th -12 th April, 2017	FVSc &A.H ,SKUAST-Jammu
Dr. Sachin Gupta	XIX, AICRP Mushroom workshop and National Symposium on Mushroom	25-28 th April, 2017	ICAR-DMR, Solan
Dr. S. K. Singh, Associate Professor	National Conference on Biotechnology: Resource Management for Sustainable Nature in 21 st Century	22-23 rd April, 2017	Dr. B. R. A. University, Agra
Dr. Vivak M Arya	Attended one day Basmati Workshop on “Quality Improvement in Production of Basmati Rice for Export”	30 th May, 2017	SKUAST-J
Dr Akash Sharma	National Conference on “Perspective of challenges and options in Litchi production and utilization”	6-7 June, 2017	ICAR-National Research Centre for Litchi, Mushahari, Muzaffarpur, Bihar
Dr. Manoj Kumar Asstt. Prof.	AICRP (VC) Group Meeting	24-27 June, 2017	IIHR, Bangalore
Dr. R. K. Gupta Ex-Professor	AICRP (VC) Group Meeting held	24-27 June, 2017	IIHR, Bangalore
Dr. Satesh Kumar Assoc. Prof.	VIII Group Meeting	1-2 July, 2017	at Durgapura, Jaipur, Rajasthan

Dr. Satesh Kumar Assoc. Prof.	Group Meeting of All India Network Research Project on Onion and Garlic (AINRP on Onion and Garlic)	1-2 July, 2017	Rajasthan Agricultural Research Institute
Dr. Vivak M Arya	Attended Workshop of DST project on “Revival of village ponds through scientific interventions” at	21 st July to 22 nd July 2017.	PAU, Ludhiana
Dr Rajeev Bharat	24 th Annual group meeting of AICRP (Rapeseed Mustard)	August 03-05, 2017	Rajasthan Agricultural Research Institute (SKNAU , Jobner), Durgapura, Jaipur and DRMR, Bhartapur
Dr. Sandeep Chopra Professor	Working Group Meeting (WGM) as an expert for the Development of Student Work Book for Job Role Tuber Crop Cultivator (Class 11&12) - Solanaceous Crop Cultivator (class 9 & 10)	28 August to 01 September, 2017	PSSCIVE, Bhopal
Dr. Anil Bhushan Asstt. Prof.	Working Group Meeting (WGM) as an expert for the Development of Student Work Book for Job Role Tuber Crop Cultivator (Class 11&12) - Solanaceous Crop Cultivator (class 9 & 10)	28 August to 01 September, 2017.	PSSCIVE, Bhopal
Dr. Vikas Sharma	National conference on “Natural Resource Management for Climate Smart Sustainable Agriculture	September 11-13, 2017.	CPGS, CAU campus, Barapani, Shillong, Meghalaya
Dr. Vivak M Arya	National conference on “Natural Resource Management for Climate Smart Sustainable Agriculture at from	September 11-13, 2017.	CPGS, CAU campus, Barapani, Shillong, Meghalaya
Dr. Monika Sood	Recent trends in Bioinformatics and Biotechnology for Sustainable Development	October 12-13, 2017	SKUAST-Jammu
Dr. Arti Sharma	Two days International conference on “Recent Technological development for sustainable Agriculture”	12-13 October, 2017	Faculty of Veterinary Sciences and Animal Husbandry SKAUST-Jammu
Dr. Vivak M Arya	Attended International conference on “Recent trends in Bioinformatics and Biotechnology for Sustainable Development”	12 th to 13 th October 2017.	SKUAST-J
Dr. Amit Jasrotia	Two days National conference on “Impact of Agricultural technologies in enhancing growth and income”	23-24 th October, 2017	Organized by Maharashtra Society of Agricultural Economics at SKUAST-Jammu

Dr. Nirmal Sharma	Impact of Agricultural Technologies in Enhancing Growth and Income	23-24 Oct, 2017	SKUAST-J
Dr. Vivak M Arya	Attended National conference on "Impact of agricultural technologies in enhancing growth and income	23 rd to 24 th October 2017	SKUAST – J
Dr. Arti Sharma	Two days National conference on “Impact of Agricultural technologies in enhancing growth and income”	23-24 October , 2017	Organized by Maharashtra Society of Agricultural Economics at SKUAST-Jammu
Dr. S. K. Singh, Associate Professor	National Conference on Nutritional Security, Environment Protection: Present Scenario and Future Prospects	10-11, November, 2017	Society of Biological Sciences and Rural Development, Allahabad
Dr. Vivak M Arya	Attended National Symposium on “Ecologically Sustainable Plant Disease Management under Diversified Farming Situation” at	13 th to 14 th November 2017.	SKUAST – J
Dr. Parshant Bakshi	National Symposium on “Ecologically Sustainable Plant Disease Management under Diversified Farming Situation”	13-14, November, 2017	Organized by SKUAST-Jammu and Indian Phytopathological Society, New Delhi (North Zone) at SKUAST-Jammu
Dr. Neeraj Gupta	Ecologically sustainable plant disease management under diversified farming situation Innovative Technological interventions for doubling farmers income	November 13-14 th , 2017	SKUAST-Jammu
Dr. Amit Jasrotia	National Symposium on “Ecologically Sustainable Plant Disease Management under Diversified Farming Situation”	13-14, November, 2017	Organized by SKUAST-Jammu and Indian Phytopathological Society, New Delhi (North Zone) at SKUAST-Jammu
Dr. Sachin Gupta,	Participated in National Symposium on “Ecologically Sustainable Plant Disease Management under Diversified Farming Situation	13-14 th November, 2017	Indian Phytopathological Society and SKUAST of Jammu
Dr. Monika Sood	Ecologically sustainable plant disease management under diversified farming situation	13-14 th November, 2017	Indian Phytopathological Society and SKUAST of Jammu

Dr. Julie D. Bandral	Ecologically sustainable plant disease management under diversified farming situation	13-14 th November, 2017	Indian Phytopathological Society and SKUAST of Jammu
Dr. S. K. Singh, Associate Professor	Participated in National symposium on “ <i>Ecological Sustainable Plant Disease Management under Diversified Farming Situation</i> ” and North Zone meet of Indian Phytopathological Society, New Delhi	13-14 th November, 2017	SKUAST-Jammu
Dr. Kamlesh Bali	Two days Workshop on: Pest Management Decision Guide organized by CABI	October, 03-04, 2017	Ramada, Jammu
Manpreet Kour	International conference on Recent trends in bioinformatics and biotechnology for sustainable development	12-13 October 2017	R.S.Pura SKUAST-Jammu.
Dr. Kamlesh Bali	National conference on Impact of agricultural technologies in enhancing growth and income	October, 23-24, 2017	SKUAST-Jammu
Neetu Sharma	Impact of Agricultural Technologies in Enhancing Growth and Income	23 rd to 24 th October, 2017	Maharashtra Society of Agriculture Economics SKUAST-J, Chatha
Dr. A. K. Singh	Participated in National Symposium on “Ecologically Sustainable Plant Disease Management under Diversified Farming Situation	13-14 th November, 2017	Indian Phytopathological Society and SKUAST of Jammu
Dr. Kamlesh Bali	National Symposium on: Ecologically Sustainable Plant Diseases Management under Diversified Farming Situation	November, 13-14 th 2017	SKUAST-Jammu
Dr. Kamlesh Bali	5 th Co-ordination committee meeting of Network Project on Conservation of Lac Insect Genetic Resources (NP-CLIGR)	November, 14-15 th 2017	PAU, Ludhiana
Dr. Sachin Gupta	Indo-US Symposium on Curbing whitefly-Plant Virus Pandemics-The Departure from Pesticides to Genomics Solutions	4-5 th December, 2017	Punjab Agricultural University, Ludhiana
Dr. Vivak M Arya	Attended Annual Workshop of DST project on “Revival of village ponds through scientific interventions”	23 rd January to 25 th January 2018.	PUSA, IARI, New Delhi,
Dr. Sandeep Chopra Professor	International Conference on Weeds & Society Challenges & Opportunities	24.01.2018	Directorate of Weed Research, Jabalpur

Dr Rajeev Bharat	1 st National conference on “Innovative Technological Interventions for Doubling Farmers Income (NACITI-2018)”	8 th to 10 th February, 2018	Society for Integrated Development of Agriculture, Veterinary and Ecological Sciences (SIDAVES) at SKUAST-Jammu
Dr. Vivak M Arya	Participated and presented paper at National conference on “Women Empowerment through Agro-Entrepreneurship for Livelihood Security” organized	February 8- 10 , 2018	Society for Integrated Development of Agriculture, Veterinary and Ecological Sciences (SIDAVES) at SKUAST-Jammu
Dr. Sarabdeep Kour	National Conference on “Innovative Technological Interventions for Doubling Farmers Income”	8-10 th Feb. 2018	SIDAVES and SKUAST-Jammu
Dr. Subhash C Kashyap	National conference on Innovative technological interventions for doubling Farmers Income (NaCiTi-2018)	February 8- 10 , 2018	SKUAST –J & SIDAVES
Dr. Vivak M Arya	Attended National conference on “Innovative Technological Interventions for Doubling Farmers Income” organized	08 th to 10 th February 2018.	SKUAST-J
Dr. S. K. Singh, Associate Professor	Participated in National Conference on Innovative Technology Interventions for Doubling Farmers’ Income	8-10 th February, 2018.	SIDAVES and SKUAST of Jammu
Dr. Sachin Gupta	Participated in National Conference on Innovative Technology Interventions for Doubling Farmers’ Income	8-10 th February, 2018.	SIDAVES and SKUAST of Jammu
Dr. Amit Jasrotia	National conference on “Innovative Technological Interventions for doubling farmer’s income NACITI-2018 ”	8-10 February, 2018	Society for Integrated Development of Agriculture, Veterinary and Ecological Sciences (SIDAVES) at SKUAST-Jammu
Dr. Nirmal Sharma	National conference on “Innovative technological interventions for doubling farmer’s income	8-10 Feb., 2018	SKUAST-J
Dr. Kiran Kour	National conference on “ Innovative Technological Interventions for doubling farmer’s income NACITI-2018 ”	8-10 February, 2018	SIDAVES at SKUAST-Jammu
Dr. A. K. Singh	Participated in National Conference on Innovative Technology Interventions for Doubling Farmers’ Income	8-10 th February, 2018.	SIDAVES and SKUAST of Jammu

Dr. Arti Sharma	National conference on “ Innovative Technological Interventions for doubling farmer’s income NACITI-2018 ”	8-10 February, 2018	SIDAVES held at SKUAST-J,
Dr. Meenakshi Gupta	National Conference on Innovative Technological Interventions for Doubling Farmer’s Income	8-10 th Feb., 2018	SIDAVES held at SKUAST-J,
Dr. Neeraj Gupta	Innovative Technological interventions for doubling farmers income	8-10 th February 2018	SIDAVES held at SKUAST-J,
Dr. Vikas Sharma	National Conference on ‘Innovative Technological Innovations for Doubling Farmer’s Income’.	Feb. 8-10, 2018.	SIDAVES held at SKUAST-J,
Dr. Parshant Bakshi	National Conference on “Innovative Tehnological Interventions for doubling farmers income”	8-10 February, 2018	SIDAVES held at SKUAST-J,
Dr. Manoj Kumar Asstt. Prof.	National Conference on “Innovative Technological Interventions for Doubling Farmers Income“,	8-10 February, 2018.	SIDAVES held at SKUAST-J,
Dr. Kamlesh Bali	National Conference on: Innovative Technological Interventions for Doubling Farmers Income	February, 08-10, 2018	SIDAVES held at SKUAST-J,
Neetu Sharma	Innovative Technological Interventions for Doubling Farmers Income	8 th to 10 th February, 2018	SIDAVES held at SKUAST-J,
Manpreet Kour	National conference on Innovative Technological interventions for doubling farmers income -2018	8 th to 10 th February,2018	SIDAVES held at SKUAST-J,
Dr .Renu Gupta	Innovative Technological interventions for Doubling Farmers Income	8-10 February 2018	SIDAVES held at SKUAST-J,
Dr. Sanjeev Kumar Asstt. Prof.	National Conference on “Innovative Technological Interventions for Doubling Farmers Income”	8-10 February, 2018.	SIDAVES held at SKUAST-J,
Dr. Deep Ji Bhat	“Innovative Technological Interventions for doubling farmer’s income NACITI-2018 ”	8-10 February, 2018	SIDAVES held at SKUAST-J,
Dr. Sandeep Chopra	Technological Interventions for Doubling Farmers Income	08-10 Feb., 2018	SIDAVES held at SKUAST-J,
Dr .Renu Gupta	Poster presentation in National seminar on ethnobotany and traditional knowledge in biodiversity conservation	8-9 March, 2018.	SIDAVES held at SKUAST-J,

2018-19			
Dr. Sanjeev Kumar Asstt. Prof	AICRP (VC) Group Meeting	18 – 21 st May, 2018	RARI, Durgapura, Rajasthan
Dr. Manoj Kumar	AICRP (VC) Group Meeting	18 – 21 st May, 2018	RARI, Durgapura, Rajasthan
Dr. Satesh Kumar Assoc. Prof.	IX Annual Group Meeting of AINRP on Onion and Garlic	8-10 June, 2018	PAU, Ludhiana
Dr. Kamlesh Bali	Two days data validation Workshop on: Pest Management Decision Guide organized by CABI	June, 21-22, 2018	MSSRF, Chennai
Dr. Julie D. Bandral	Recent Packaging and Logistics of Fresh and Processed Foods	20-21 July 2018	SKUAST- Jammu.
Dr. S.K. Rai,	25 th Annual Group Meeting of Rapeseed and Mustard”	Aug. 04-06, 2018	BHU, Varanasi
Dr Rajeev Bharat	3 days 25 th Annual group meeting of AICRP (Rapeseed Mustard)	4 th to 6 th August, 2018	DRMR at Banaras Hindu University, Uttar Pradesh
Dr. Monika Sood	Mushrooms for Regional Food Security	14 September, 2018	SKUAST-Jammu
Dr .Renu Gupta	Resource Person in Two days workshop on foldscope on 30 -1 st September, 2018	30 September, 2018	MNNIT, Allahabad
Dr. Gyanendra Kumar Rai	Conference on Advances in Agricultural, Biological and Applied Sciences for Sustainable Future	20–22 October, 2018	SVS University Meerut, UP
Rakesh Kumar	Quality Seed Production Technology in Cereal Crops	22-26, October, 2018	National Seed Research and Training Centre Varanasi & SKUAST-J
Dr. Subhash C Kashyap	International conference on ‘Worldwide Research Initiatives for Agriculture, Science & Technology (WRIAST-2018)	October 24-26, 2018	N A D C L At University of Kashmir, Hazartbal, Srinagar (J&K)
Dr. Vikas Sharma	National Conference on ‘Sustainable Management of Soil and Water Resources for Doubling Farmers’ Income’	25-27 October 2018	Assam Agricultural University, Jorhat, Assam.
Dr. Parshant Bakshi	International Workshop and Regional Expert Consultation on “Mountain Agriculture Development and Food Security and Nutrition Governance”	30 th October to 1 st November, 2018	Organized by Food and Agriculture Organisation (FAO), United Nations, held at Beijing, China.
Dr. Kamlesh Bali	National Seminar on: Smart Technologies to Boost Farm Profitability and Socio- Economic Status of Rural India	November, 19-20, 2018	SKUAST-Jammu

Dr. Deep Ji Bhat	National Seminar on “Smart Technologies to Boost farm profitability and socio-economic status of rural India”	19-20 November, 2018	RASSA at SKUAST-Jammu
Dr. Kiran Kour	Two days National Seminar on “Smart technologies to boost Farm Profitability and Socio –Economic status of Rural India”	19-20 November, 2018	RASSA at SKUAST-Jammu
Manpreet Kour	National seminar on farm profitability and socio-economic status of Rural-India	November 19 th -20 th , 2018	RASSA at SKUAST-Jammu
Dr. Vivak M Arya	Participated and presented paper at National seminar on “Smart technologies to boost farm profitability and socio economic status of rural India”	19 th - 20 th November 2018	RASSA at SKUAST-Jammu
Dr Akash Sharma	Two days National Seminar on “Smart technologies to boost Farm Profitability and Socio –Economic status of Rural India”	19-20 November, 2018	RASSA at SKUAST-Jammu
Dr. Vikas Sharma	National Conference on “Smart Technologies to Boost Farm Profitability and Socio-Economic Status of Rural India”	19-20th November 2018.	RASSA at SKUAST-Jammu
Rakesh Sharma	National Seminar of Smart Technologies to boost Farm Profitability and Socio-economic Status of Rural India	19-20 November, 2018	RASSA at SKUAST-Jammu
Dr. Parshant Bakshi	National Seminar on “Smart Technologies to Boost farm profitability and socio-economic status of rural India”	19-20 November, 2018	RASSA at SKUAST-Jammu
Dr Rajeev Bharat	National seminar on “Smart technologies to boost farm profitability and socio economic status of rural India”	19-20 th November, 2018	RASSA at SKUAST-Jammu
Dr. Arti Sharma	Two days National Seminar on “Smart technologies to boost Farm Profitability and Socio –Economic status of Rural India”	19-20 November, 2018	RASSA at SKUAST-Jammu
Dr. Anil Bhushan Asstt. Prof.	National Seminar on “Smart Technologies to boost farm profitability and socio-economic status of rural India”	19-20, Nov, 2018.	RASSA at SKUAST-Jammu

Dr Akash Sharma	Two days National Seminar on “Smart technologies to boost Farm Profitability and Socio –Economic status of Rural India”	19-20 November, 2018	RASSA at SKUAST-Jammu
Dr. Monika Sood	Smart Technologies to Boost Farm Profitability and Socio-Economic Status of Rural India RASSA-2018	November 19-20, 2018.	RASSA at SKUAST-Jammu
Dr. Julie D. Bandral	Smart Technologies to Boost Farm Profitability and Socio-Economic Status of Rural India	19-20 November 2018	SKUAST-Jammu
Dr. Raj Kumar	3 rd National seminar RASSA 2018 on ‘Smart technologies to boost farm profitability and socio-economic status of rural India’	19-20 November, 2018.	SKUAST-J, Chatha, Jammu
Dr .Renu Gupta	Participated in National Conference on “Managing Natural Resources for Sustainable Agriculture”- 2018 G K V SOCIETY AGRA	8-9 th Dec. 2018	G K V SOCIETY AGRA
Dr .Renu Gupta	Resource Person in Two day DBT workshop on rhizosphere diversity.	17-18 Dec. 2018	Central University, Assam, Deptt. of Microbiology
Dr. Sandeep Chopra	106 th Indian Science Congress	03-07 January, 2019	LPU, Jalandar
Dr. M.K. Pandey	“QRT meeting of AICW&BIP”	28 January, 2019	PAU, Ludhiana
Dr. Bikram Singh	“QRT meeting of AICW&BIP”	28 th January, 2019	PAU, Ludhiana
Dr. Tuhina Dey	“QRT meeting of AICW&BIP”	28 January, 2019	PAU, Ludhiana
Dr. Vivak M Arya	Participated and presented paper at National conference on “Farmers’ Friendly Soil and Water Conservation Technologies for Mitigating Climate Change Impact”	31 st Jan. – 02 nd Feb. 2019	Soil Conservation Society of India (SCSI) New Delhi & ICAR-Indian Institute Water Conservation Regional Centre, at Ooty.(TN)
Dr. Sachin Gupta	Participated in National Symposium on Trends & Innovations in Mushroom Production Technologies, Diversification, Processing and Consumption	31 st January to 2 nd February, 2019	HAIC Agro R&D Centre, Murthal

Dr. Vikas Sharma	National Conference on “Farmers’ Friendly Soil and Water Conservation Technologies for Mitigating Climate Change Impact”.	31 st January to 02 nd February, 2019	SCSI, Ooty, Tamil Nadu.
Dr. M.K. Pandey	Two days National Conference on “Women Empowerment through Agro-entrepreneurship for Livelihood Security (WE -2019)”	7 th -8 th , Feb, 2019	SIDAVES at SKUAST-Jammu
Dr. Sanjeev Kumar Asstt. Prof	National Conference on Women Empowerment Through Agro-Enterpreneurships for Livelihood Security“,	7 th -8 th , Feb, 2019	SIDAVES at SKUAST-Jammu
Dr. Anuradha Saha	two days National Conference on “Women Empowerment through Agro-entrepreneurship for Livelihood Security (WE -2019)”	7 th -8 th , Feb, 2019	SIDAVES at SKUAST-Jammu
Dr. Raj Kumar	National conference on ‘Women empowerment through Agro entrepreneurship for livelihood security’	7 th -8 th , Feb, 2019	SIDAVES at SKUAST-Jammu
Dr. Parshant Bakshi	National Conference on “Women Empowerment through Agro entrepreneurship for livelihood Security”	7 th -8 th , Feb, 2019	SIDAVES at SKUAST-Jammu
Dr. Arti Sharma	Two days National Conference on “Woman empowerment through Agro-entrepreneurship for livelihood Security WE-2019”	7 th -8 th , Feb, 2019	SIDAVES at SKUAST-Jammu
Dr. Deep Ji Bhat	Two days National Conference on “Woman empowerment through Agro-entrepreneurship for livelihood Security WE-2019”	7 th -8 th , Feb, 2019	SIDAVES at SKUAST-Jammu
Dr. Anil Bhushan Asstt. Prof.	National Conference on” Women Empowerment through Agro-Entrepreneurship for Livelihood security (WE-2019)	7 th -8 th , Feb, 2019	SIDAVES at SKUAST-Jammu
Dr. Satish Kumar Assoc. Prof.	National Conference on Women Empowerment through Agro-entrepreneurship for Livelihood Security (WE-2019)	7-8 th Feb,2019	SIDAVES at SKUAST-Jammu

Dr. Rajan Salalia	two days National Conference on “Women Empowerment through Agro-entrepreneurship for Livelihood Security (WE -2019)”	7 th -8 th , Feb, 2019	SIDAVES at SKUAST-Jammu
Dr. Manoj Kumar Asstt. Prof.	National Conference on Women Empowerment Through Agro-Enterpreneurships for Livelihood Security“,	7-8 February, 2019	SIDAVES at SKUAST-Jammu
Dr. S. K. Singh, Associate Professor	Participated in National Conference on Women Empowerment through Agro-entrepreneurship for Livelihood Security (WE-201)	7-8 th February, 2019	SIDAVES at SKUAST-Jammu
Dr. Sachin Gupta	Participated in National Conference on Women Empowerment through Agro-entrepreneurship for Livelihood Security (WE-201)	7-8 th February, 2019	SIDAVES at SKUAST-Jammu
Dr. A. K. Singh	Participated in National Conference on Women Empowerment through Agro-entrepreneurship for Livelihood Security	7-8 th February, 2019	SIDAVES at SKUAST-Jammu
Dr. Sarabdeep Kour	National Conference on “Women Empowerment through Agro-entrepreneurship for livelihood security (WE-2019)	7-8 th Feb. 2019	SIDAVES at SKUAST-Jammu
Dr. Kamlesh Bali	6 th Co-ordination committee meeting of Network Project on Conservation of Lac Insect Genetic Resources (NP-CLIGR)	February, 7-8, 2019	MPUAT, Udaipur
Manpreet Kour	National conference on women empowerment through agro-entrepreneurship for livelihood security (WE-2019)	February 07 th - 08 th , 2019	SIDAVES at SKUAST-Jammu
Rakesh Kumar	National conference on women empowerment through agro-entrepreneurship for livelihood security (WE-2019)	February 07 th - 08 th , 2019	SIDAVES at SKUAST-Jammu
Dr. Meenakshi Gupta	National Conference on “Women Empowerment through Agro-Entrepreneurship For livelihood Security (WE-2019)	7-8 th Feb., 2019	SIDAVES at SKUAST-Jammu

Dr. Amit Jasrotia	Two days National Conference on “Woman empowerment through Agro-entrepreneurship for livelihood Security WE-2019”	7-8 February, 2019	SIDAVES at SKUAST-Jammu
Dr. Kiran Kour	National Conference on “Women Empowerment through Agro entrepreneurship for livelihood Security”	7-8 February, 2019.	Organized by SIDAVES at SKUAST-Jammu
Dr. Subhash C Kashyap	National Conference on “Women Empowerment through Agro-entrepreneurship for Livelihood Security (WE -2019)”	7-8 th Feb., 2019	SKUAST-J, Chatha
Dr. Bupesh Kumar	National Conference on “Women Empowerment through Agro-entrepreneurship for Livelihood Security (WE -2019)”	7th-8th, Feb, 2019	SIDAVES at SKUAST-Jammu
Dr. Vikas Sharma	National Conference on ‘Women Empowerment through Agro-Entrepreneurship for Livelihood Security’.	Feb. 7-8, 2019.	SKUAST-Jammu
Dr. Monika Sood	Women empowerment through Agro-entrepreneurship for Livelihood Security	February 7-8, 2019	SKUAST-Jammu
Dr. Nirmal Sharma	National conference on “Women Empowerment through Agro-Entrepreneurship for Livelihood Security (WE-2019)”	7-8 Feb, 2019	SKUAST-J
Dr. Julie D. Bandral	Women Empowerment through Agro-Entrepreneurship for Livelihood Security	February 7-8, 2019	SKUAST- Jammu.
Dr. Bupesh Kumar	“Quinquennial Review Team (QRT)”	14th -15th February, 2019	IIRR Hyderabad at SKUAST-K
Dr. A. K. Singh,	Participated in National Symposium on Innovations in Agriculture, Environment and Technology for Inclusive Development	18 th March 2019	Society of Biological Sciences and Rural Development, Jhansi, Prayagraj
Dr. Renu Gupta	Resource Person in One day DBT workshop on soil micro flora and interaction with Nanomaterials on Foldscope Microscopy	12 Jan. 2019	Babasaheb Garware College, Pune

2019-20			
Dr. Bharat Bhusan Gupta	54 th Annual Rice Research Group Meeting	30 th May - 2 nd June 2019	NRRI, Cuttack
Dr. Bupesh Kumar	54 th Annual Rice Research Group Meeting	30 th May - 2 nd June 2019	NRRI, Cuttack,
Dr. Rajan Salalia	54 th Annual Rice Research Group Meeting	30 th May - 2 nd June 2019	NRRI, Cuttack
Dr. Anuradha Saha	54 th Annual Rice Research Group Meeting	30 th May - 2 nd June 2019	NRRI, Cuttack
Dr. Anil Bhushan Asstt. Prof.	International Conference on ‘Global Initiatives for Sustainable Development : Issues and Strategies’	23-27 th , June, 2019.	Bangkok, Thailand
Dr. Parshant Bakshi	International Conference on “Global Initiatives for Sustainable development: Issues and Strategies”	23 rd to 27 th June 2019	Organized by Gochar Educational and Welfare Society and SIDAVES at Bangkok.
Dr. Vivak M Arya	Participated and presented paper at International conference on “Global Initiatives for Sustainable Development Issues & Strategies”	23 rd to 27 th June 2019.	Bangkok, Thailand
Dr. Vikas Sharma	International conference on “Global Initiatives for Sustainable Development Issues & Strategies	23 rd to 27 th June 2019	Bangkok, Thailand
Dr. S.K. Rai,	26 th Annual group meeting of AICRP (Rapeseed Mustard)	August 03-05, 2019.	Birsa Agricultural University Ranchi, Jharkhand
Dr. Julie D. Bandral	Climate Change Management for Sustainable Agriculture, Livestock Farming and Ecological Development	8-9 August 2019	SKUAST-Jammu
Dr R.S. Sudan	5 th J&K Agriculture Science Congress on “Climate Change Management for Sustainable Agriculture, Livestock Farming and Ecological Development”	8 th to 10 th August 2019	SKUAST-Jammu
Dr. S.K. Rai,	5 th J&K Agriculture Science Congress on “Climate Change Management for Sustainable Agriculture, Livestock Farming and Ecological Development”	8 th to 10 th August 2019	SKUAST-Jammu
Dr. Bupesh Kumar	5 th J&K Agriculture Science Congress on “Climate Change Management for Sustainable Agriculture, Livestock Farming and Ecological Development”	8 th to 10 th August 2019	SKUAST-Jammu, Main Campus Chatha
Dr. Bikram Singh	58 th All India Wheat and Barley Research Workers Meet	26 th August 2019	IARI Regional Station Indore

Dr. M.K. Pandey,	58 th All India Wheat and Barley Research Workers Meet	August 26, 2019	IARI Regional Station Indore
Dr. Tuhina Dey,	58 th All India Wheat and Barley Research Workers Meet	August 26, 2019	IARI Regional Station Indore
Dr. M.K. Pandey	57 th All India Coordinated Wheat & Barley Research Workers Meet”.	August 24-27, 2019	BAU, Ranchi
Dr Akash Sharma	International Conference on “Recent Advances in Agricultural Environment & Applied Sciences for Global Development”	27-29 September, 2019	Dr Y.S.P University of Horticulture & Forestry, Nauni, Solan, Himachal Pradesh, India.
Dr. Sachin Gupta	Participated in 5 th J&K Agriculture Science Congress on Climate Change Management for Sustainable Agriculture, Livestock Farming and Ecological Development	14-16 th October, 2019	SKUAST of Jammu
Dr. Anil Bhushan	5 th JK Science Congress	14-16 October, 2019	SKUAST-J
Dr. Manoj Kumar Asstt. Prof.	5 th J&K Agriculture Science Congress on “Climate Change Management for Sustainable Agriculture, Livestock Farming and Ecological Development“	14-16 th October, 2019	SKUAST-Jammu
Dr. Monika Sood	Climate change management for sustainable agriculture, livestock farming and ecological development	14-16 th of Oct.2019	SKUAST- Jammu
Dr. Sarabdeep Kour	5 th Agriculture Science Congress on ‘Climate Change Management for Sustainable Agriculture, Livestock Farming and Ecological Development’ held at from	14-16 th October 2019	SKUAST-J, Chatha
Dr. Vikas Sharma	5 th J&K Agriculture Science Congress on Climate Change Management for Sustainable Agriculture, Livestock Farming and Ecological Development	14-16 October, 2019	SKUAST-J
Dr. A. K. Singh	Participated in 5 th J&K Agriculture Science Congress on Climate Change Management for Sustainable Agriculture, Livestock Farming and Ecological Development	14-16 th October, 2019	SKUAST of Jammu
Dr. Amit Jasrotia	5 th J&K Agriculture Science Congress “Climate Change Management for sustainable agriculture, livestock farming and ecological development”	14-16 October, 2019.	SKUAST-Jammu
Dr. Anju Bhat	Climate change management for sustainable agriculture, livestock farming and ecological development	14 -16 th of Oct.2019	SKUAST- Jammu

Dr. Neetu Sharma	Climate Change Management for Sustainable Agriculture, Livestock farming and Ecological Development	14 th to 16 th October, 2019	5 th J & K Agriculture Science Congress
Rakesh Kumar	Climate Change Management for Sustainable Agriculture, Livestock farming and Ecological Development	14 th to 16 th October, 2019	5 th J & K Agriculture Science Congress
Dr. Subhash C Kashyap	Climate Change Management for Sustainable Agriculture, Livestock farming and Ecological Development	14 th to 16 th October, 2019	5 th J & K Agriculture Science Congress
Dr. Deep Ji Bhat	5 th J&K Agriculture Science Congress “Climate Change Management for sustainable agriculture, livestock farming and ecological development”	14-16 October, 2019.	SKUAST-Jammu
Dr. Sanjeev Kumar Asstt. Prof.	5 th J&K Agriculture Science Congress	14-16 October, 2019.	SKUAST-Jammu
Dr. Vivak M Arya	5 th J&K Agriculture Science Congress	14-16 October, 2019.	SKUAST-J.
Dr. Neeraj Gupta	Climate change management for sustainable agriculture, livestock farming and ecological development	14-16 th of Oct.2019	SKUAST- Jammu
Dr .Renu Gupta	5th - Agriculture Science Congress	14-16 October, 2019.	SKUAST,Chatha
Dr. Kiran Kour	5 th J&K Agriculture Science Congress	14-16 October, 2019.	SKUAST-Jammu
Dr Akash Sharma	5 th J&K Agriculture Science Congress	14-16 October, 2019.	SKUAST-Jammu
Dr. Vivak M Arya	Quality seed products technology in cereal crops”	22 nd -26 th Oct. 2018	GOI, Varanasi, UP in collaboration with the ICAR –Mega Seed Project,SKUAST-J
Dr. Vikas Sharma	International conference on “Soil & Water Resource Management for Climate Smart Agriculture Global Food & Livelihood Security” at	05 th – 09 th November 2019.	SCSI, New Delhi, India.
Dr. Vivak M Arya	International conference on “Soil & Water Resource Management for Climate Smart Agriculture Global Food & Livelihood Security”	05 th -09 th November, 2019 at	ICAR, NAAS, New Delhi, India.
Dr. Subhash C Kashyap	International conference, New Millennia Agriculture-Novel Trends And Future Scenario	Nov., 06-08, 2019	CCSHAU, HISAR
Dr. Arti Sharma	Golden jubilee International conference on “New Millennia in Agriculture Novel trends and Future scenario”	6-8 November, 2019.	CCS, HAU Hisar

Dr. Neeraj Gupta	Advances in agriculture under changing climate scenario for sustainable global development	16 th -17 th of Nov., 2019	IISR-ICAR, Lucknow, University of Allahabad
Dr. Arti Sharma	International Conference on “Advances in Agriculture under Changing Climate Scenario for Sustainable Global Development - 2019	16-17 November, 2019	University of Allahabad, Prayagraj
Dr. Sanjeev Kumar	QRT meeting of ICAR and AICRP (VC)”	20-21 Nov., 2019	IARI, New Delhi,
Dr. Subhash	3 days Inter university participation in State level Kisan Mela	21 to 23 Nov., 2019	GADVASU, Ludhiana
Dr. Kamlesh Bali	7 th Co-ordination committee meeting of Network Project on Conservation of Lac Insect Genetic Resources	3-4, Feb. 2020	CAU, Imphal
Dr. Meenakshi Gupta	Indian Society of Weed Sciences, Biennial Conference on Weed Management for Enhancing Farmers' Income and Food Security	5-7 th Feb. 2020	KVK ICAR-Central Coastal Agricultural Research Institute, Old Goa
Dr. Renu Gupta	Brain Storming Virtual Session on Combating Desertification and Drought for Food, Feed and Fiber ,to Combat Desertification and Drought	June 17, 2020	SCSI,India
Dr. Anju Bhat	Nuri-Garden: Bridge between Agriculture and Nutrition	5 th September 2020	CFNS, CTARA, IIT Bombay, APAARI
Dr. Julie D. Bandral	Nuri-Garden: Bridge between Agriculture and Nutrition	5 th September 2020	CFNS, CTARA, IIT Bombay, APAARI
Dr. Arti Sharma	Web-Conference on ‘Resource Management and Biodiversity Conservation to Achieve Sustainable Development Goals’	11- 12 September, 2020	Academy of Natural Resource Conservation and Management (ANRCM), Lucknow
Dr. Renu Gupta	International Web-Conference on Resource Management and Biodiversity Conservation to Achieve Sustainable Development Goals	11- 12 September, 2020	ANRCM, Lucknow, India
Dr. Julie D. Bandral	Soils for Food and Climate	September 28, 2020	Zonal Director Research MPUAT- Udaipur
Dr Akash Sharma	Indian Horticulture Summit, 2020 on “Mitigating Climate Changes and Doubling Farmer’s Income through Diversification”	14-16 February, 2020	Mahatma Gandhi Chitrakoot Gramodya Vishwavidyalaya, Chitrakoot, M.P
Dr. Subhash C Kashyap	Use of digital field book in wheat`	25 th Feb., 2020	IIWBR (ICAR), Karnal
Dr. Anil Bhushan Asstt. Prof.	5 th Global Outreach Conference on “Modern Approaches for Smart Agriculture (MASA-2020)	28-29 February, 2020	Shobhit University, Meerut (U.P)

2020-21			
Dr. Raj Kumar	ICAR- NAHEP sponsored Webinar on “Challenges and oppurtunities in post covid era for human and shrimp industry”	20 th May, 2020	ICAR- CIFE, Mumbai
Manpreet Kour	Fodder production, conservation and utilization online workshop (Zoom) along with the officers of Animal Husbandry Department related to animal husbandry / fodder production of state and district level	June 20, 2020	Directorate of AH, J&K
Dr .Renu Gupta	International Webinar on “Climate Change and Sustainable Agriculture (CCSA-2020)” organised by the Department of Botany, Central University of Jammu	June 12-13, 2020	Department of Botany, Central University of Jammu
Dr. Sanjeev Kumar	XXXVII AICRP (VC) Group Meeting	22 – 25 th June, 2019	TNAU, Coimbatore
Dr. Manoj Kumar Asstt. Prof.	XXXVII AICRP (VC) Group Meeting	22 – 25 th June, 2019	TNAU, Coimbatore
Dr. Subhash C Kashyap	Five days training programme on ‘Recent Physio-Molecular Digital Tools in Abiotic Stress Management for Crop Modeling (Online)	29/06/20 to 03/07/20	VNMKV, Parbhani (MS)
Dr. Raj Kumar	Workshop (Online Mode) on “Aquaculture and Fisheries: Development and Sustainability”	13 th -19 th August 2020	Department of Advanced Zoology and Biotechnology, Guru Nanak College, Chennai
Dr .Renu Gupta	Attended National web conference “Technological approaches for resource conservation and management for environmental sustainability”	16 th August, 2020	ANCRM, Lucknow
Dr. Vikas Sharma	National Web-Conference on ‘Technological Approaches for Resource Conservation and Management for Environmental Sustainability”	16-17 th August 2020	Academy of Natural Resources Conservation and Management (ANRCM), Lucknow
Dr. Sarabdeep Kour	National Web-Conference on ‘Technological Approaches for Resource Conservation and Management for Environmental Sustainability (TARCMES)”	16-17 th August 2020	Academy of Natural Resources Conservation and Management (ANRCM), Lucknow

Dr .Renu Gupta	International Webinar held on the theme “Horticulture industry under covid-19 pandemic“,	27-28 th August , 2020	Assam Agricultural University, Jorhat and NAHEP.
Dr. Raj Kumar	National Webinar on “Capture Fisheries in post pandemic (Covid-19) situation: Environmental and economic perspectives”	28 th Aug. 2020	Faculty of Fishery Sciences, WBUAFS, Kolkata
Dr. Arti Sharma	Ten days online National workshop on “Underutilized Plant Species: Future smart crops for food, Nutritional security and income generation ”	20-29 August, 2020.	AICRP (VC) & IDP-NAHEP SKUAST-Kashmir
Dr. Raj Kumar	Workshop on “Recent trends in technological advancements in Aquaculture and Fisheries: Development and Sustainability”	03 th -10 th September 2020 (8 days)	Guru Nanak Centre for Research, Guru Nanak College, Chennai
Dr. Jagmohan Singh	Nuri-Garden: Bridge between Agriculture and Nutrition	5 th September 2020.	CFNS, CTARA, IIT Bombay, APAARI
Dr. Monika Sood	Nutri-garden: Bridge between Agriculture and Nutrition	5 th September 2020	CFNS, CTARA, IIT Bombay
Dr. Subhash C Kashyap	10 days training programme on ‘Understanding biometrical Genetics: Statistical maneuvering towards ensuring food security’ (Online)	September 07-16, 2020	DARS, SKUAST-Kashmir, Srinagar (J&K)
Dr. Vikas Sharma	International Web-Conference on Resource Management and Biodiversity Conservation to Achieve Sustainable Development Goals	11-12 th September 2020	Academy of Natural Resources Conservation and Management (ANRCM), Lucknow
Dr. Sarabdeep Kour	International Web-Conference on Resource Management and Biodiversity Conservation to Achieve Sustainable Development Goals	11-12 th September 2020	Academy of Natural Resources Conservation and Management (ANRCM), Lucknow
Dr. Raj Kumar	National Webinar on “Deadly situation of COVID-19 pandemic: Nutrition and Food security in India”	27 th September, 2020 (1 day)	Deptt. of Nutrition, Geography and Zoology, BM Mahavidyalaya, West Bengal
Dr. Anju Bhat	Soils for Food and Climate	September 28, 2020	Zonal Director Research MPUAT- Udaipur
Dr. Jagmohan Singh	Soils for Food and Climate	September 28, 2020	Zonal Director Research MPUAT- Udaipur
Dr .Renu Gupta	Participated in International Webinar "Soil Spectroscopy: An Emerging Technique for Rapid Soil Health Assessment "on Ist October , 2020	1 st October, 2020	IARI, New Delhi

Dr .Renu Gupta	Attended International Web Conference “ Perspective on agricultural and Applied Sciences in COVID-19 scenario	4-6 October, 2020	AETDS, Uttarakhand .India”
Manpreet Kour	National Webinar on Nanotechnological Interventions in Agriculture.	October 14, 2020	Sri Karan Narendra Agriculture University, Jobner - Jaipur (Raj.)
Dr. Raj Kumar	Webinar “Fish farming with Biofloc technology”	16 th Oct. 2020	Fisheries Research and Information Centre, KVAFSU, Bengaluru
Dr. Monika Sood	Post-Harvest Management of Agricultural Produce during natural calamities/disasters	October 19-21, 2020	CIPHET, Ludhiana
Dr. Julie D. Bandral	Post Harvest Management of Agricultural Produce during Natural Calamities/Disasters	October 19-21, 2020	CIPHET, Ludhiana,
Dr. Arti Sharma	Webinar on November 5 th on “Experiential Learning in times of COVID-19: Where do we go from here?” organised by Faculty of Agricultural and Food Sciences, American University of Beirut.	5 November, 2020	Faculty of Agricultural and Food Sciences, American University of Beirut.
Manpreet Kour	National Web Conference on Sustainable Fodder Production for Improving the Livelihood of Small and Marginal Farmers	26 th November, 2020.	Bihar agricultural University, Sabour, Bhagalpur
Manpreet Kour	Two-day e-conference on 'COVID-19 Pandemic: Emerging Challenges and Future Strategies	27 th -28 th November 2020	Organized by Kanya Maha Vidyalaya, Jalandhar
Manpreet Kour	Webinar organized by Entrepreneurship Development cell (EDC)UIET, on the entrepreneurial challenges of a rural environment	29 November 2020.	Panjab University
Manpreet Kour	National e-poster olympiad on soil, biomes and resilience to climate change	04-05 th December 2020.	ANRCM-Lucknow
Dr. Vivak M Arya	National E-Posters Olympiad on Soils, Biomes and Resilience to Climate Change"	04-05 th December 2020.	ANRCM-Lucknow
Manpreet Kour	International plant physiology virtual conference on prospects for plant physiology for climate proofing agriculture	6 th -7 th December, 2020	IPPVC
Manpreet Kour	International E-Conference on “Agriculture and Biological Sciences (I-E-CABS-2020)” during	December 18-19, 2020.	SBBS and ARDO

Dr. Amit Jasrotia	National Level Webinar on “Recent Advances in Mango Production”	15-16 January, 2021	College of Horticulture, Bidar, University of Horticultural Sciences, Bagalkot, Karnataka
Dr. Sandeep Chopra Professor	International Symposium on Spices as flavours, fragrance and functional foods	09-12, February 2021	Indian Institute of Spices Research Kerla
Dr. Sarabdeep Kour	2 nd Asian Web Conference on ‘Managing Hill Resources and Diversities for zero Hunger and Climate Resilience’	12-13 th February 2021	Soil Conservation Society of India
Dr. Vikas Sharma	2 nd Asian Web Conference on ‘Managing Hill Resources and Diversities for zero Hunger and Climate Resilience’	12-13 th February 2021	Soil Conservation Society of India
Dr. Vivak M Arya	2 nd Asian Web Conference on Managing Hill Resources and Diversities for Zero Hunger and Climate Resilience	12-13 February, 2021.	SCSI-New Delhi
Dr. Raj Kumar	4 th International Conference (online) on “Global Approaches in Natural Resources Management for climate smart Agriculture (GNRSA-2020) during Pandemic era of COVID-19	26-28 Feb., 2021	Shobhit Deemed University, Modipuram, U.P
Dr. Renu Gupta	International web conference Global Approaches in Natural Resource Management for Climate Smart Agriculture (GNRSA-2020)during Pandemic Era of COVID-19	February 26-28, 2021	ATDS, Ghaziabad,U.P.- India.
Dr. Arti Sharma	5 th National Convention on “krishi evam atmanirbhar bharat” w.e.f March 06–07, 2021, at National Agriculture Science Complex, ICAR, New Delhi	6-7 March, 2021,	National Agriculture Science Complex, ICAR, New Delhi
Dr. Vikas Sharma	National Web-seminar on ‘Natural Resource Conservation and management’	March 20-22, 2021	Academy of Natural Resources Conservation and Management, Lucknow
Dr. Vivak M Arya	National Web Conference <i>Natural Resource Conservation and Management</i> on organized by	20 to 22 March 2021	Academy of Natural Resource Conservation and Management (ANRCM), Lucknow
Dr. Sarabdeep Kour	National Web-seminar on ‘Natural Resource Conservation and management’	March 20-22, 2021	Academy of Natural Resources Conservation and Management, Lucknow

6.6.5.2.2. Participation of Faculty of Basic Sciences in Symposia / Workshop (2016 to 2021)

- Dr. S.E.H.Rizvi attended SSCA-CONF-2016 during 18-20 Feb., 2016 at University of Jammu, Jammu and delivered Invited Talk.
- Dr. M.IqbalJeelani attended SSCA-CONF-2016 during 18-20 Feb., 2016 at University of Jammu, Jammu
- Dr. Manish Sharma attended international conference of IES-2016 for presenting a paper in the conference during 18-20 Feb., 2016 at SKUAST, Jammu
- Dr. Moni Gupta participated in International conference 2016 on "Natural Resource Management": Ecological Perspectives" held at SKUAST-J from 18-20 February, 2016
- Dr. Moni Gupta made oral presentation in 2nd conference "*Change in cryosphere and impact on ecosystem services and rural livelihood: climate change, agricultural and sustainable development in the Himalayan region*" Organized by Faculty of Earth Sciences, Institute of Mountain Environment at Bhadarwah campus, University of Jammu on 21-22 November, 2016.
- Dr. Moni Gupta Co-chaired technical session in 2nd conference "*Change in cryosphere and impact on ecosystem services and rural livelihood: climate change agricultural and sustainable development in the Himalayan region*" Organized by Faculty of Earth Sciences, Institute of Mountain Environment at Bhadarwah campus, University of Jammu on 21-22 November, 2016.
- Dr. Moni Gupta made Oral presentation entitled "heat stress-induced profile of antioxidants and scavenger enzymes in different mungbean genotypes" in the "*International conference Global initiatives in applied sciences and green technologies*" 09-11 September, 2016 at SRM University, Delhi-NCR Campus, Modinagar, Gaziabad (U.P) India
- Dr. Moni Gupta chaired a technical session as reporters in the "*International conference Global initiatives in applied sciences and green technologies*" 09-11 September, 2016 at SRM University, Delhi-NCR Campus, Modinagar, Gaziabad (U.P) India.
- Dr Brajeshwar Singh presented Poster at International Conference on Recent trends in Bioinformatics and biotechnology for sustainable development held at SKUAST-J on Oct 12-18, 2017
- Dr Brajeshwar Singh published abstract at International conference on Global Research Initiative for sustainable agriculture held on 02-04 Dec, 2017 at MPUAT, Udaipur, Rajasthan
- Dr Brajeshwar Singh published abstract in International conference proceeding on "Agricultural, Allied Sciences & Biotechnology for Sustainability of Agriculture, Nutrition & Food Security" organized at Banaras Hindu University, Varanasi from 25-26 Nov, 2017 by Mahima Research Foundation and Social Welfare
- Dr Brajeshwar Singh published abstract in souvenir of National symposium on Ecologically sustainable plant disease management under diversified farming situation held on Nov 13-14, 2017 at SKUAST-J (2B.16)

- Dr Brajeshwar Singh published abstract in souvenir of National symposium on Ecologically sustainable plant disease management under diversified farming situation held on Nov 13-14, 2017 at SKUAST-J (8B.9)
- Dr Brajeshwar Singh published abstract in Souvenir of ISMPP International conference on Plant health for human welfare held on 1-4th Nov,2017 at MPUAT, Udaipur, Rajasthan
- Dr Brajeshwar Singh published abstract in souvenir of National symposium on Ecologically sustainable plant disease management under diversified farming situation held on Nov 13-14, 2017 at SKUAST-J (8B.22)
- Dr Brajeshwar Singh presented Poster in IPS North Zone meet-2017 National symposium on Ecologically sustainable plant disease management under diversified farming situation held on Nov 13-14, 2017 at SKUAST-J (8B.22)
- Dr Brajeshwar Singh published abstract in souvenir of National symposium on Ecologically sustainable plant disease management under diversified farming situation held on Nov 13-14, 2017 at SKUAST-J (8B.17)
- Dr Brajeshwar Singh did Oral presentation done at ISMPP International conference on Plant health for human welfare held on 1-4th Nov,2017 at MPUAT, Udaipur, Rajasthan
- Dr. Upma Dutta Participated in National symposium on ecological sustainable plant disease management under diversified farming situation held at Sher-e-Kashmir University of Agricultural Sciences and Technology Jammu on 2017 and presented a paper on “Bioprospecting of endophytes from *Allium sativum*”.
- Oral presentation in International Conference of Scientific Educational Research Society (SERS) entitles “Screening of mungbean [*Vigna radiata* (L.) Wilczek] genotypes for high temperature stress tolerance” on the occasion of five days International Conference on “*Innovative Approaches in Applied Sciences and Technologies*” which was held at Nanyang Executive Centre, Nanyang Technological University, Singapore during June 19-23’ 2017.
- Sinha, B. K., Reena, Chand, G., Sharma, V., Singh, V. B. and Kumar, R. 2017. Paclobutrazol a potent bioregulator-a solution to alternate bearing problem in Mango. In International conference on *Recent trends in bioinformatics and biotechnology for sustainable development*. Organized by Faculty of Veterinary Sciences and AH, Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu Chatha, R. S. Pura, Jammu (J & K), India. Pp 86-87: October 12- 13.
- Sinha, B. K., Reena, Chand, G., Rai, P. K., Kumar, V. and Jamwal, S. 2017. Physiological disorder limits qualitative and quantitative production of Litchi (*Litchi chinensis* Sonn.). In *National seminar on Water and soil management for agriculture & livelihood security under climate change*. Organized by Sunbeam college for Women, Varanasi, UP, India. Pp 169- 170: September 08-09.
- Dogra, S., Chand, G., Sinha, B. K. and Rai, S. K. 2017. Physiological responses of *Brassica juncea* to drought stress. In *International conference on recent trends in bioinformatics and biotechnology for sustainable development*. Organized by Faculty of Veterinary Sciences and AH, Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu Chatha, R. S. Pura, Jammu (J & K), India. Pp 155- 156: October 12- 13.

- Banoo, M., Sinha, B. K., Chand, G., Rai, G. K., Reena, and Dogra, S. 2017. Autophagy: an intracellular self- degradation system in Plants. *In International conference on recent trends in bioinformatics and biotechnology for sustainable development*. Organized by Faculty of Veterinary Sciences and AH, Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu Chatha, R. S. Pura, Jammu (J & K), India. Pp 101: October 12- 13.
- Dogra, S., Chand, G., Sinha, B. K., and Rai, S. K. 2017. Dynamics of yield and its attributes under drought stress in Indian mustard (*Brassica juncea* L.). *In National seminar on Water and soil management for agriculture & livelihood security under climate change*. Organised by Sunbeam College for Women, Varanasi, UP, India. Pp 139: September 08-09.
- Chand, G., Nandwal, A. S., Kumar, N., Sinha, B. K., Dogra, S. and Devi, S. 2017. Responses of mungbean [*Vigna radiata* (L.) Wilczek] genotypes to high temperature stress. *In National conference of Plant Physiology on Emerging role of Plant Physiology for food security and climate resilient agriculture*. Organised at Department of Plant Physiology, Agril. Biochemistry, Medicinal and Aromatic Plants, Indira Gandhi Krishi Vishwavidyalaya Raipur, Chhattisgarh, India. Pp 05: November 23-25.
- Dogra, S., Chand, G., Sinha, B. K., and Singh, B. 2017. Physiological and agronomic responses of different *Brassica juncea* genotypes to drought stress in Jammu region. *In National symposium on ecologically sustainable plant disease management under diversified farming situation*. Organized at Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu Chatha, Jammu, India. Pp 152: November 13-14.
- Chand, G., Nandwal, A. S., Sinha, B. K., Singh, B. and Dogra, S. 2017. Effect of high temperature stress on reproductive development in summer mungbean [*Vigna radiata* (L.) Wilczek] genotypes under different dates of sowing. *In National symposium on ecologically sustainable plant disease management under diversified farming situation*. Organized at Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu Chatha, Jammu, India. Pp 151: November 13-14.
- Sinha, B. K., Reena, Chand, G., Rai, G. K., Banoo, M. and Dogra, S. 2017. Cell Signalling in plants under abiotic and biotic stress condition. *In National symposium on ecologically sustainable plant disease management under diversified farming situation*. Organized at Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu Chatha, Jammu, India. Pp 151- 152: November 13-14.
- Sinha, B. K., Reena, Singh, M., Chand, G. and Kumar, V. 2017. Impact of bioregulator on wheat (*Triticum aestivum* L.) under drought stress condition. *In National seminar on agro-meteorology for sustainable development with special emphasis on agro-meteorological practices for climate resilient farming and food security*. Organized at CCS, Haryana Agricultural University, Hisar, India. Pp 57: October 12-14.

- Sinha, B. K., Mallick, S. A., Reena, Chand, G. and Dogra, S. 2017. Physio-morphological changes of rapeseed mustard (*Brassica juncea* L.) under water stress condition. *In International conference on global research initiatives for sustainable agriculture & allied sciences. Organized at Maharana Pratap University of Agriculture & Technology, Udaipur, Rajasthan (India).* Pp 485- 486: December, 02-04.
- Topgyal,T., Thombre, M.U., Shafi,S.M., Namgial,T., Gupta,M. and Chand, G. 2017. Challenge and strategy for managing of soil degradation in India: Overview. *In International conference on recent trends in bioinformatics and biotechnology for sustainable development.* Organized by Faculty of Veterinary Sciences and AH, Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu Chatha, R. S. Pura, Jammu (J & K), India. Pp 174: October 12- 13.
- Kumar, V., Singh,V.B.,Kumar, R., Gupta,N., Sinha, B. K., Chand, G., Kumar,A. and Ajrabat, B. 2017. Challenge and strategy for managing of soil degradation in India: Overview.*In International conference on recent trends in bioinformatics and biotechnology for sustainable development.* Organized by Faculty of Veterinary Sciences and AH, Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu Chatha, R. S. Pura, Jammu (J & K), India. Pp 184: October 12- 13.
- Dr. Vikas Sharma participated in International Conference on “Recent Trends in Bioinformatics and Biotechnology for Sustainable Development” 12-13th October, 2017, FVSc. & A.H., SKUAST-J
- Dr. Vikas Sharma participated in 5th International Conference on “Agriculture, Horticulture and Plant Sciences (ICAHPS)” June 24th-25th 2017, Tapovan, Rishikesh, Uttarakhand.
- Dr. Vikas Sharma participated in National Conference on Natural Resource Management for Climate Smart Sustainable Agriculture. September 11-13, 2017, Central Agricultural University, Imphal (Shillong Campus, Meghalaya)
- Dr. Vikas Sharma participated in National Conference on Materials for Sustainable Development and New Technology (MSDNT). April 28-29, 2017. Department of Nano Sciences & Materials, Central University of Jammu, Jammu, J&K.
- Dr. Vikas Sharma participated in 12thJK Science Congress, 2-4 March, 2017 University of Jammu, Jammu, J&K
- Dr Brajeshwar Singh did Oral presentation at International Conference on “Agricultural, Allied Sciences & Biotechnology for Sustainability of Agriculture, Nutrition & Food Security” organized at Banaras Hindu University, Varanasi from 25-26 Nov, 2017
- Dr Brajeshwar Singh published abstract in conference proceedings of International Conference on “Agricultural, Allied Sciences & Biotechnology for Sustainability of Agriculture, Nutrition & Food Security” organized at Banaras Hindu University, Varanasi from 25-26 Nov, 2017
- Dr Brajeshwar Singh presented paper at International Seminar on Global partnership in Agricultural Education and Research, organised by AABHA, IAS, BHU, Varanasi on Dec 22-24, 2018

- Dr Brajeshwar Singh did Oral presentation at national conference cum industry academia meet held on 13-14th Sept, 2018 at IIIM-Jammu
- Dr Brajeshwar Singh published abstract in National conference on Innovative technological interventions for doubling farmers income organised by SIDAVAS at SKUAST-J on Feb 08-10, 2018
- Dr Brajeshwar Singh published abstract at International Seminar on Global partnership in Agricultural Education and Research, organised by AABHA, IAS, BHU, Varanasi on Dec 22-24, 2018
- Prof. Sanjay Guleria participated in National Conference-cum-Industry-Academia meet on “Opportunities and Challenges in Fermentation Based Industrial Processes”, September 13-14, 2018, Indian Institute of Integrative medicine, Jammu.
- Dr. Moni Gupta Participated in National conference of “*Innovative technological interventions for doubling farmers Income 2018*”, organized by SIDAVAS from 08-10 february held at SKUAST-J
- Sharma, M., Chand, G. Sinha, B.K. and Sagar, L. 2018. Physiological and Biochemistry Responses to High Temperatures Stress in Crops. 2 Days National Seminar On Smart Technologies to Boost Farm Profitability and Socio-Economic Status of Rural India on 19-20th November ,2018 organized by Royal Association For Science-Led Socio-Cultural Advancement (RASSA),New Delhi and SKUAST-J. Pp-122-123.
- Dr. Upma Dutta Participated inNational conference on “Innovative technological intervention for doubling farmer’s income” held at Shere-e-Kashmir University of Agricultural Sciences and Technology on 2018 and presented a poster on “Sheath Blight Disease (*Rhizoctonia solani*) in Paddy (*Oryza sativa*).
- Dr Brajeshwar Singh presented paper on Bioprospecting thermophilic bacterial population from North western Himalayas for industrial enzymes”, presented at Industry-Academia Meet on ‘Opportunities and Challenges in Fermentation Based Industrial Processes’ at CSIR-Indian Institute of Integrative Medicine, Jammu (IIIM-Jammu) on Sept 13-14, 2018.
- Dr Brajeshwar Singh presented paper on “Bioprospecting thermophilic bacterial population from Jammu & Kashmir for industrial enzymes”, presented at Institute of Agricultural sciences, Banaras Hindu University, Varanasi in International seminar on ‘Global Partnership in Agricultural Research and Education GPA-2018’ at Institute of Agricultural sciences, Banaras Hindu University, Varanasi on December 22-24, 2018.
- Dr Brajeshwar Singh presented paper on “Doubling farmers’ income: An overview of vision” submitted for presentation in the national seminar on “Smart Technologies to Boost Farm Profitability and Socio-Economic Status of Rural India” held on 19-20th November 2018 at Jammu, India. (Ref:
- Dr Brajeshwar Singh did Oral presentation done of paper “ Doubling Farmers income An overview of vision”at National seminar on Smart technologies to boost farm profitability and socio economic status of rural India held on 19-20 Nov 2018 at Jammu, SKUAST-J.

- Dr. Upma Dutta Participated in 3rd National Seminar on “Smart Technologies to Boost Farm Profitability and Socio-Economic Status of Rural India”, RASSA-2018, w.e.f. 19-20 November 2018, at SKUAST-Jammu and presented a poster on “Probiotic potential of lactic acid bacteria isolated from different sources of food and milk products”
- Dr. Upma Dutta Participated in National Conference on “Managing Natural Resources for Sustainable Agriculture held at Agra on 2018” and presented a paper on “Integrated management of bean anthracnose caused by *Colletotrichum lindemuthianum*”.
- Dr. Upma Dutta Attended a technical Seminar on “Mushrooms for Regional Food Security” held on 14th Sept. 2018 at SKUAST-Jammu.
- Dr. Upma Dutta Participated in 5th J&K Agriculture Science Congress on “Climate Change Management for Sustainable Agriculture, Livestock Farming and Ecological Development”. Organized by SKUAST-Jammu on 2019 and presented a poster on Effect of changing climate on microbes.
- Dr. Upma Dutta Participated in the International conference on “Climate Change and its Impact on Global Food Security and Sustainability of Agriculture” organized by Mahima Research Foundation and Social Welfare, Banaras Hindu University, Varanasi on 2019 and presented a poster on “Impact of climate change on microbial population”.
- Dr. Upma Dutta Participated in National Conference on “Woman Empowerment through Agro-entrepreneurship for Livelihood Security (WE-2019)” Organized by SIDAVES, SKUAST-J, 2019 and presented a poster on “Antifungal activity of important botanicals against plant pathogens.
- Dr Brajeshwar Singh presented paper on “Challenging trends in Karnal bunt research in 21st century”, presented at Department of Mycology and Plant Pathology, Institute of Agricultural sciences, Banaras Hindu University, Varanasi at National symposium on ‘Recent challenges and opportunities in sustainable plant health’ at Institute of Agricultural sciences, Banaras Hindu University, Varanasi on February 26-28, 2019.
- Dr Brajeshwar Singh published abstract in National symposium on “Recent Challenges and opportunities in sustainable plant health management-2019” held at IAS, BHU, Varanasi on Feb 26-28, 2019.
- Dr Brajeshwar Singh published abstract in International Conference on Climate Change & its impact on global food security and sustainability of agriculture, 23-24 Nov 2019 By Mahima Research Foundation & Social welfare, BHU, Varanasi, Sustaining soil health through bioinoculants.
- Dr Brajeshwar Singh did Oral presentation done on “Sustaining soil health through bioinoculants” at International Conference on Climate Change & its impact on global food security and sustainability of agriculture, 23-24 Nov 2019 By Mahima Research Foundation & Social welfare, BHU, Varanasi.
- Dr Brajeshwar Singh did oral presentation done in “International conference on plant protection in horticulture: advances and challenges organised by Association for advancement Pest Management in Horticultural Ecosystem (AAPMHE), Indian Institute of Horticultural Research (ICAR), Hessaraghatta, Bengaluru in 2019.

- Prof. Sanjay Guleria participated in 5th JK Agriculture Science Congress on Climate Change Management for Sustainable Agriculture, Livestock and Ecological Development held at SKUAST Jammu w.e.f. October 14-16, 2019.
- Dr. Vikas Sharma participated in International Conference on Global Initiatives for Sustainable Development : Issues and Strategies, 23rd to 27th June, 2019, Bangkok, Thailand
- Dr Manish Sharma, Professor(Statistics) & Head attended VIII International conference on Agricultural Statistics (ICAS –VIII) hosted by Ministry of Agriculture and farmer welfare for presenting the paper, GoIw.e.f November 18 – November 21, 2019.
- Dr Manish Sharma, Professor(Statistics) & Head attended Eurostat of European Union organized w.e.f. November 22 – November 22, 2019.
- Dr Manish Sharma, Professor(Statistics) & Head attended Laxmanrao Inamdar National Academy for Cooperative Research and Development (LINAC), to deliver a talk w.e.f. November 04 – November 04, 2019.
- Dr Manish Sharma, Professor(Statistics) & Head attended 4th National Conference on Recent Trends in Mathematical Sciences-2019 (NCR TMS-2019) at SMVDU to deliver a talk, w.e.f. December 13 – December 13, 2019
- Prof. Sanjay Guleria participated in 4th IUPAC International Conference on Agrochemicals Protecting Crops, Health and Natural Environment – “Discovery and development of Synthetic and Natural Products for health and Pests Management” held in New Delhi w.e.f. 7th - 10th January, 2020.
- Dr. Moni Gupta participated in International webinar “*Mushroom Science Virtual 2020*” organized by Malaysian society of Biochemistry and Molecular Biology-Special Interest Group Mushroom science on 7th October
- Dr. Moni Gupta participated in National webinar on “*Role of Agriculture and youth to self Reliant India*” Krishi Manthan organized by Agrivision, New Delhi during 28-29 October 2020 in collaboration with ICAR, New Delhi
- Dr. Moni Gupta participated in webinar on “*Food and Nutritional Security amid COVID-19 situation*” held on 16th September 2020 organised by College of Agriculture, Agriculture University, Kota Rajasthan
- Dr. Vikas Sharma participated in National Web-Conference on Technological Approaches for Resource Conservation and Management for Environmental Sustainability, August 16-17, 2020, organized online by Academy of Natural Resource Conservation and Management (ANRCM), Lucknow, UP.
- Dr Manish Sharma, Professor(Statistics) & Head attended International virtual conference on “ Prof C R Rao’s School of thought on Statistical Sciences” and delivered the invited talk online on “Optimum exponential type estimators for estimating the population mean” during November 28, 2020.
- Dr Manish Sharma, Professor(Statistics) & Head attended Virtual International Conference of International Society for Business and Industry Statistics and delivered the invited talk online on “ Dual type exponential type estimators for estimating the population mean” during December 28-30, 2020 at Department of Statistics, CUSAT, Kerala, India.
- Dr Manish Sharma, Professor(Statistics) & Head delivered the Plenary talk online on “ Connecting the World with Data- We Can trust” during October 20, 2020 at CCS Haryana Agricultural University, Hisar, Haryana

- Dr.M.Iqbal Jeelani Bhat participated in one day Webinar on “Accelerate Research Planning using Elsevier, Science Direct and Mendeley” on 04th May, 2020, At IUST Kashmir.
- Dr Brajeshwar Singh made Oral presentation done , O(S11) exploring endophytic microflora from North-western Himalayas at 7th International conference Phytopathology in Achieving UN sustainable development goals Held in New Delhi on 16-20th Jan, 2020.
- Dr.M.Iqbal Jeelani Bhat participated in one day National Webinar on “Data Analysis and Statistical Computing” organized by Department of Statistics, Institute of Social Science, on 27th May, 2020 at Dr.Bhimrao Ambedkar University , Agra
- Dr.M.Iqbal Jeelani Bhat participated three days online course on “Basics of Data Analytics using R” w.e.f, 27th -29th , July 2020 at Stat Modeler , Pune
- Dr.M.Iqbal Jeelani Bhat participated in seven days online International Faculty Development Programme on “Recent Advances in Mathematics & Statistics” w.e.f 3rd – 8th August, 2020.
- Dr. M. Iqbal Jeelani Bhat participated in Ten days online training programme on “Understanding Biometrical Genetics: Statistical Maneuvering Towards Ensuring Food Security” w.e.f 07th-16th September , 2020.
- Dr.M. Iqbal Jeelani Bhat participated in five days online training programme on “Google Suite for E-Learning” . w.e.f 21st – 25thSeptember , 2020 at IDP-NAHEP SKUAST-Kashmir
- Dr.M. Iqbal Jeelani Bhat participated in two days online International Conference on Mathematical Advances & Applications, , w.e.f 23rd – 24thNovember, 2020 at RPMRAES, India
- Dr.M.Iqbal Jeelani Bhat participated in one week online training course on “Statistical Data Analysis Using SPSS ” w.e.f, 21st -27th , January 2021 at Science Tech Institute, UP, India, Pune
- Dr Manish Sharma,Professor(Statistics) & Head delivered the invited talk during Web conference on Visionary Innovations in Statistical Theory and Applications (VISTA-2021)wef Feb24-28, 2021 at ICAR-National Academy of Agricultural Research Management, Hyderabad
- Dr.S.E.H. Rizvi participated in five days online Conference of SSCA on Visionary Innovations in Statistical Theory and Applications (Vista-2021) , India, w.e.f 24th to 28th February ,2021 at ICAR-NAARM, RPMRAES
- Dr.M.Iqbal Jeelani Bhat participated in five days online Conference of SSCA on Visionary Innovations in Statistical Theory and Applications (Vista-2021) , India, w.e.f 24th to 28th February ,2021 at ICAR-NAARM, RPMRAES
- Dr. Upma Dutta Participated in the Science Leadership Workshop organized by the Central University of Punjab, Bhatinda, India from 22 June to 28 June 2020 through online mode.
- Dr. Upma Dutta Attended a National Web-Conference on "Technological Approaches for Resource Conservation and Management for Environmental Sustainability" is being organized by the Academy of Natural Resources Conservation and Management (ANRCM), Lucknow on August 16-17, 2020
- Dr.M.Iqbal Jeelani Bhat participated in three days online International Conference on “Current Approaches in Agricultural, Animal Husbandry and Allied Sciences for Successful Entrepreneurship” w.e.f March 13-15, 2021 at AEDS , India

6.6.5.2.3. Participation of Faculty of Veterinary Sciences & Animal Husbandry in Symposia / Workshop (2016 to 2021)

2016-17
<ul style="list-style-type: none"> • Dr. Utsav Sharma, attended 12th JK Science Congress at University of Jammu date 2-4 March 2017
<ul style="list-style-type: none"> • Dr. Sanjay Agarwal, attended 12th JK Science Congress at University of Jammu date 2-4 March 2017
<ul style="list-style-type: none"> • Dr. Sudhir Kumar, attended 12th JK Science Congress at University of Jammu date 2-4 March 2017
<ul style="list-style-type: none"> • Dr. A.K. Pandey attended 12th JK Science Congress at University of Jammu date 2-4 March 2017
<ul style="list-style-type: none"> • Dr. Neelash Sharma, Assistant Professor, attended 12th National Conference of Association of Public Health Veterinarians and National Symposium on One Health: Approaches towards Practice and Future Challenge” w.e.f., 2-3rd December, 2016
<ul style="list-style-type: none"> • Dr. Neelash Sharma, Assistant Professor, attended 35th National Convention of ISVM and National Symposium on “Innovative Techniques Emerging Issues and Advancement in Veterinary Medicine to meet the challenges, Present and the future” w.e.f., 22-24th February, 2017
<ul style="list-style-type: none"> • Dr. R. K. Bhardwaj, Assistant Professor attended 13th Annual Convention ISACP and national symposium entitled “Concepts of one health in canine health care management” w.e.f 27-29th April, 2016 at Pookode, Kerala
<ul style="list-style-type: none"> • Dr. R. K. Bhardwaj, Assistant Professor attended 14th Annual Convention ISACP and national symposium entitled “Newer approaches in management of canine health and clinical practice as well as Trade” w.e.f., 9-11th February, 2017 at Pantnagar, Uttarakhand
<ul style="list-style-type: none"> • Dr. Rajesh Katoch, Professor & Head (Division of Veterinary Parasitology) attended 26th NCVP (National congress of Veterinary Parasitology) & International Symposium on “Current concepts in diagnosis & control of parasitic diseases to combat climate change” from 25-17th February, 2017 at Shimoga, Karnataka
<ul style="list-style-type: none"> • Dr. Anish Yadav, Associate Professor (Division of Veterinary Parasitology) attended 26th NCVP (National congress of Veterinary Parasitology) & International Symposium on “Current concepts in diagnosis & control of parasitic diseases to combat climate change” from 25-17th February, 2017 at Shimoga, Karnataka
<ul style="list-style-type: none"> • Dr. Shilpa Sood, Asstt. Prof (VPP) attended 4th J&K Women Science Conference (JKWSC) at Govt. College for Women, Gandhi Nagar, Jammu on focal theme “Carrier in Science for women-Challenges and Opportunities” w.e.f 1-3 September 2016
<ul style="list-style-type: none"> • Dr. M.Rashid, Assoc. Prof. Attended workshop on “ISO methods for detection of Listeria monocytogenes and introduction to PFGE analysis” at Nagpur Veterinary College, Nagpur wef 16-18th March, 2017
<ul style="list-style-type: none"> • Dr. Maninder Singh, Asstt. Prof. Attended workshop on “ Recent Diagnostic tools for Hydatidosis, Cysticercosis and Trichinellosis” at Bomaby Veterinary College wef 5-7th January, 2017
<ul style="list-style-type: none"> • Dr. A. K. Gupta, Assoc. Prof. & Head (VSR) attended 40th Annual Congress of ISVS and National Symposium on "Biomaterials and stem cells for tissue repair and regeneration in Veterinary Surgery" at Dept of vety. Surgery & Radiology, Madras Vety. College, Chennai w.e.f Dec. 2nd –Dec. 4th, 2016)

<ul style="list-style-type: none"> • Dr. Ankur Sharma and Dr. Pankaj Gupta, Asstt. Prof.(s) (VSR) attended 4th J&K Women Science Congress National Symposium on "Career in science for women –challenges and opportunities" at Govt. College for Women, Jammu w.e.f Sep.1st –Sep.3th, 2016)
<ul style="list-style-type: none"> • Dr. D. K. Dwivedi, Asstt. Prof.(s) (VSR) attended 14th National Congress & National Symposium on " Newer approaches in management of canine health & rewarding clinical practice" at Pantnagar w.e.f Feb, 9th –Feb. 11th, 2016)
<ul style="list-style-type: none"> • Dr. Vikas Mahajan, Assistant Professor (Div. of ILFC) attended XIX Annual Conference of the Society of Statistics, Computer and Applications 'Statistics and Informatics in Agricultural and Allied Sciences at SKUAST-J, Chatha, Jammu w.e.f. 6-8th March, 2017
<ul style="list-style-type: none"> • Dr R K Sharma participated in Xth Biennial conference of Animal Nutrition Association on 'Newer approaches in animal nutrition research for augmenting animal productivity' Tirupati, India; Nov. 9-11, 2016
<ul style="list-style-type: none"> • Dr. Mudasir Sultana, Prof. & Head (Vety. Pharmacology & Toxicology) attended 16th Annual Conference of ISVPT at Navasari, Gujrat on Nov. 2016
<ul style="list-style-type: none"> • Dr. N.K. Pankaj, Asstt. Prof. (Vety. Pharmacology & Toxicology) attended 16th Annual Conference of ISVPT at Navasari, Gujrat on Nov. 2016
<ul style="list-style-type: none"> • Dr. P.K. Verma, Asstt. Prof. (Vety. Pharmacology & Toxicology) attended 16th Annual Conference of ISVPT at Navasari, Gujrat on Nov. 2016
<ul style="list-style-type: none"> • Dr. Sunil Kumar, Associate Professor and Head and Dr. Z.F. Bhat, Asstt. Prof. LPT attended International Conference of Indian Meat Science Association (IMSACON VI) on "New horizons for augmenting meat production and processing to ensure nutritional security, food safety and environmental sustainability" held at GADVASU, Ludhiana w.e.f. 10-12 November, 2016
<ul style="list-style-type: none"> • Dr. Arvind Kumar, Assistant Professor (Senior scale, LPT), attended 12th Association of Public Health Veterinarian conference on Zoonotic diseases of national importance and the control and contaminants of such diseases in India held at Kamdhenu Veterinary University, Chhattisgarh, Durg on 2-3rd December 2016
<ul style="list-style-type: none"> • Dr. P.S. Mahapatra, Assoc. Prof (Vety. Physiology & Biochemistry) attended national symposium on "Physiological challenges in the changing global scenario for the sustainable production and reproduction of Livestock & Poultry " at CVSc, ND Veterinary Science University, Mhow, MP w.e.f December 21-23, 2016
<ul style="list-style-type: none"> • Dr. Ashok Kumar, Assistant Professor attended 21 days advanced training course on "Diagnostic Imaging and minimal invasive surgical techniques in veterinary patients" organized by department of VSR, GADVASU w.e.f. 5th Oct 2016 to 25th Oct 2016.
<ul style="list-style-type: none"> • Dr. Nawab Nashiruddullah, Associate Professor, VPP attended a one-day Brainstorming workshop on 'Climate Change and its Impact on Hill Agriculture' SKUAST-Jammu, Chatha Jammu on 2nd December 2016.
<ul style="list-style-type: none"> • Dr. Jafrin Ara Ahmed, Assistant Professor, VPB attended a one-day Brainstorming workshop on 'Climate Change and its Impact on Hill Agriculture' SKUAST-Jammu, Chatha Jammu on 2nd December 2016.
<ul style="list-style-type: none"> • Dr. D. Chakraborty, Asstt. Prof., (Animal Genetics & Breeding) attended National Conference on Challenges in Quantitative Genetics for Improvement of Indigenous Animal Genetic Resources (AnGR) at ICAR-IVRI, Izatnagar, Barielly, U.P. w.e.f. January 19-20, 2017.

2017-18
<ul style="list-style-type: none"> • Dr A. K. Pathak, Assistant Professor (ANN), attended XVII Biennial Conference of Animal Nutrition Society of India at Junagadh Agricultural university, Junagadh w.e.f. February 1-3, 2018.
<ul style="list-style-type: none"> • Dr Ankur Rastogi, Associate Professor (ANN), attended XVII Biennial Conference of Animal Nutrition Society of India at Junagadh Agricultural university, Junagadh w.e.f. February 1-3, 2018.
<ul style="list-style-type: none"> • Dr Pawan Kumar Verma, Assistant Professor (VPT), attended a “Workshop on Experimental Molecular Techniques” organized by Postgraduate Institute of medical Education and research (PGIMER), Chandigarh on 17th November, 2017.
<ul style="list-style-type: none"> • Dr Pawan Kumar Verma, Assistant Professor (VPT), participated in 37th Annual Conference of Indian Society of Toxicology (STOX) and National Symposium on “<i>New Paradigms in Toxicology: Its current Challenges and Future Facts</i>” organized by Post graduate Institute of Medical Education and Research (PGIMER), Chandigarh held on 17-19 Nov. 2017.
<ul style="list-style-type: none"> • Dr Pawan Kumar Verma, Assistant Professor (VPT), participated in XVII Annual Conference of ISVPT and National symposium on “<i>Combating Antimicrobial Resistance</i>” organized by Department of Veterinary Pharmacology and Toxicology, LLUVAS, Hisar, Haryana on 20-22nd December, 2017.
<ul style="list-style-type: none"> • Dr. A.K. Pandey, Assistant Professor (VGO), attended 12th JK Science Congress on “Science and Technology: Emerging trends and Innovations” at Jammu University, Jammu w.e.f. March 2- March 4, 2017.
<ul style="list-style-type: none"> • Dr. A.K. Pandey, Assistant Professor (VGO), attended 21 days CAFT training on “Application of OMICS tools and techniques for Agricultural Germplasm improvement” at Centre for Agriculture Bioinformatics, ICAR w.e.f. February 09 – March 01, 2018.
<ul style="list-style-type: none"> • Dr. Anish Yadav, Professor and ICAR- National Fellow (VPA), participated and presented paper in 26th International Conference of World Association for Advancement of Veterinary Parasitology at Kuala Lumpur, Malaysia, w.e.f. September, 4-8th, 2017.
<ul style="list-style-type: none"> • Dr. Anish Yadav, Professor and ICAR- National Fellow (VPA), participated and Presented paper in 27th Conference of IAAVP at CoVsc, Udaipur, Rajasthan w.e.f. 12-14th Feb. 2018
<ul style="list-style-type: none"> • Dr. Dharendra Kumar, Assistant Professor (AGB), attended International Conference on “Advances in Agricultural and Applied Sciences for Promoting Food Security” at Kathmandu, Nepal w.e.f. May 13-15, 2017.
<ul style="list-style-type: none"> • Dr. J.S. Soodan, Professor (TVCC), attended 36th Annual Convention of Indian Society for Veterinary Medicine on “Animal Health Service Delivery-the priorities of the professionals for enhancing farmers’ income” held at Odisha w.e.f. 01-03 Feb 2018.
<ul style="list-style-type: none"> • Dr. Maninder Singh, Assistant Professor (VPHE), attended two days workshop on “Laboratory Biosafety and Biosecurity” at ICAR-National Institute of High Security Animal Diseases, Bhopal w.e.f. 12-13th December, 2017.

<ul style="list-style-type: none"> • Dr. Mudasir Sultana, Professor (VPT) participated in 37th Annual Conference of Indian Society of Toxicology (STOX) and National Symposium on “<i>New Paradigms in Toxicology: Its current Challenges and Future Facts</i>” organized by Post graduate Institute of Medical Education and Research (PGIMER), Chandigarh held on 17-19 Nov. 2017.
<ul style="list-style-type: none"> • Dr. Mudasir Sultana, Professor (VPT) participated in XVII Annual Conference of ISVPT and National symposium on “<i>Combating Antimicrobial Resistance</i>” organized by Department of Veterinary Pharmacology and Toxicology, LLUVAS, Hisar, Haryana on 20-22nd December, 2017.
<ul style="list-style-type: none"> • Dr. Neelesh Sharma, Assistant Professor (VMD), attended International Buffalo Symposium, Chitwan, Nepal, 15th – 18th Nov., 2017.
<ul style="list-style-type: none"> • Dr. Neelesh Sharma, Assistant Professor (VMD), participated in the 17th International Symposium on Developmental Biotechnology at Chonnam National University, Gwangju, Republic of Korea, 26th-27th Oct., 2017.
<ul style="list-style-type: none"> • Dr. Neelesh Sharma, Assistant Professor (VMD), participated in one day seminar at National Institute of Animal Science, Jeonbuk, Republic of Korea, 25th Oct., 2017.
<ul style="list-style-type: none"> • Dr. Neelesh Sharma, Assistant Professor (VMD), participated in the 7th International Congress “Veterinary Science and Profession” at Faculty of Veterinary Medicine, Zagreb University, Zagreb, Croatia, Europe, 5th-6th Oct., 2017.
<ul style="list-style-type: none"> • Dr. Neelesh Sharma, Assistant Professor, Division of Veterinary Medicine participated in the National Workshop on “Nanomedicine: Challenges and Barriers in Translation” at IIT, Delhi, 16 April, 2018.
<ul style="list-style-type: none"> • Dr. Neelesh Sharma, Assistant Professor (VMD), participated in the 36th Annual Convention of Indian Society for veterinary Medicine and national Symposium at College of Veterinary Sci. and A.H., Bhubaneswar, Orissa, 1-3 Feb., 2018.
<ul style="list-style-type: none"> • Dr. Nishi Pande, Assistant Professor (VGO), attended short term Training Course on “Embryo transfer training programme for improved calf production in dairy farming” organized by Dept. of Veterinary Gynaecology and Obstetrics, at GADVASU, Ludhiana w.e.f. November 15 – November 22, 2017.
<ul style="list-style-type: none"> • Dr. P.S. Mahapatra, Prof and Head (VPB), attended XXVI annual conference of Society of Animal Physiologist of India and national symposium on “Physiological innovations to forecast the impact of climate change and to evolve strategies for sustainable livestock production” at Veterinary college, Nandi Nagar, KVAFSU, Bidar w.e.f December 21-22, 2017.
<ul style="list-style-type: none"> • Dr. Pranav Kumar, Assistant Professor (VAHEE), attended first Face to Face (F2F1) training programme on Organic Leadership Course at Nainital organized by IFOAM Organic International, Germany w,e,f October 30- November 6, 2017.
<ul style="list-style-type: none"> • Dr. Pranav Kumar, Assistant Professor (VAHEE), participated and presented a paper (oral) in International Conference on “Advances in Agriculture and Applied Sciences for Promoting Food Security” held at Kathmandu, Nepal (May 13-17, 2017).

<ul style="list-style-type: none"> • Dr. R.K. Bhardwaj, Assistant Professor (VMD), participated in the International congress on canine practice and 15th convention of Indian Society for Advancement of Canine Practice at NTR College of Vety. Science, Gannawaram, AP on 7-9 Feb. 2018.
<ul style="list-style-type: none"> • Dr. R.K. Bhardwaj, Assistant Professor (VMD), participated in the 36th Annual Convention of Indian Society for veterinary Medicine and national Symposium at College of Veterinary Sci. and A.H., Bhubaneswar, Orissa, 1-3 Feb., 2018.
<ul style="list-style-type: none"> • Dr. S.R. Upadhyay, Assistant Professor (VMD), participated in the 18th Indian Veterinary Congress and XXV Annual conference of Indian Association for advancement of Veterinary Research at College of Veterinary Science, Tirupati on 23-24 Feb. 2018.
<ul style="list-style-type: none"> • Dr. S.R. Upadhyay, Assistant Professor (VMD), participated in the International congress on canine practice and 15th convention of Indian Society for Advancement of Canine Practice at NTR college of Veterinary Science, Gannawaram, AP on 7-9 Feb. 2018.
<ul style="list-style-type: none"> • Dr. S.R. Upadhyay, Assistant Professor (VMD), participated in the 36th Annual Convention of Indian Society for veterinary Medicine and national Symposium at College of Veterinary Sci. and A.H., Bhubaneswar, Orissa, 1-3 Feb., 2018.
<ul style="list-style-type: none"> • Dr. Sanjay Agarwal, Assistant Professor (VGO) attended 12th JK Science Congress on “Science and Technology: Emerging trends and Innovations” at Jammu University, Jammu w.e.f. March 2- March 4, 2017.
<ul style="list-style-type: none"> • Dr. Sanjay Agarwal, Assistant Professor (VGO) attended 21 days CAFT programme on “Selection of superior sires, pre-breeding evaluation, quality semen production and fertility optimization in diary animals, an update” at GADVASU, Ludhiana w.e.f. October 24 - November 13, 2017.
<ul style="list-style-type: none"> • Dr. Sanku Borkataki, Assistant Professor (VPA), participated and presented paper in 26th International Conference of World Association for Advancement of Veterinary Parasitology at Kuala Lumpur, Malaysia, w.e.f September, 4-8th, 2017.
<ul style="list-style-type: none"> • Dr. Sudhir Kumar, Assistant Professor (VGO) attended 12th JK Science Congress on “Science and Technology: Emerging trends and Innovations” at Jammu University, Jammu w.e.f. March 2- March 4, 2017.
<ul style="list-style-type: none"> • Dr. Sudhir Kumar, Assistant Professor (VGO) attended 21 days training course on “Recent Advances in Stress Genomics for Livestock Production” at IVRI, Izatnagar, Bareilly w. e. f. January 9 - January 29, 2018.
<ul style="list-style-type: none"> • Dr. Utsav Sharma, Professor (VGO) attended 12th JK Science Congress on “Science and Technology: Emerging trends and Innovations” at Jammu University, Jammu w.e.f. March 2- March 4, 2017.

2018-19
<ul style="list-style-type: none"> • Dr. Pawan Kumar Verma, attended National workshop on “In-Vitro and In-vivo ADME” organized by Prerana Bio-Innovations Research Pvt. Ltd., Gandhinagar, Gujarat on 4th December 2018.
<ul style="list-style-type: none"> • Dr. Pawan Kumar Verma, Assistant Professor attended 18th Annual conference of ISVPT and National Symposium, on “One Health: Veterinary Pharmacology and Toxicology Approaches” organized by Department of Veterinary Pharmacology and Toxicology, Anand Agricultural University, Anand Gujarat, w.e.f. December, 5 to December 7; 2018.
<ul style="list-style-type: none"> • Dr. Ankur Sharma, Assistant Professor attended National Conference on women empowerment (WE-2019) on “Agro-entrepreneurship for livelihood security” at Chatha, SKUAST-J w.e.f 7-8 February 2019
<ul style="list-style-type: none"> • Dr. A.K. Gupta, Professor and Dr. Ankur Sharma, Assistant Professor Attended XVI Annual Convention of Indian Society for advancement of canine practice and welfare and national symposium on exploring new horizons in canine practice and welfare at Khalsa College of Veterinary and Animal sciences, Amritsar w.e.f 26-28 February, 2019.
<ul style="list-style-type: none"> • Dr. H.R Bhardwaj Professor and Head attended 42nd Annual Congress of ISVS and National Symposium on “Advances in diagnostic imaging and surgical techniques in farm and companion animals “at COVSSAH Navsari, Gujrat w.e.f 22nd-24th November, 2018.
<ul style="list-style-type: none"> • Dr. A.K. Pandey attended 21 days CAFT training programme on “Application of OMICS tools and techniques for Agricultural Germplasm improvement” at Centre for Agriculture Bioinformatics, ICAR w.e.f. February 09 to March 01, 2018.
<ul style="list-style-type: none"> • Dr. Sudhir Kumar attended 21 days CAFT training course on “Tools for genetic improvement of Animal Welfare and Productivity” at NDRI, Karnal w. e. f. February 25 to March 17, 2019.
<ul style="list-style-type: none"> • Dr. J.S. Soodan attended national symposium on “Holistic approach in Veterinary Medicine for better health to meet challenges of one health mission and 37th Annual Convention of Indian Society for Veterinary Medicine.” at College of Veterinary and Animal Science, Bikaner, Rajasthan w.e.f. 1-3rd Feb 2019.
<ul style="list-style-type: none"> • Dr. R. B. Kushwaha, Assistant Professor attended XLII annual congress of ISVS on “Advances in diagnostic imaging and surgical techniques in farm and companion animals” at Department of VSR, NAU, Navsari, w.e.f. 22-24th Nov 2018.
<ul style="list-style-type: none"> • Dr. Kamal Sarma, Professor attended the XXXIII National Convention and annual Symposium of Indian Association of Veterinary Anatomists on “Veterinary anatomy from Novices to Expert : Supporting Development of Professional skills in Doubling Farmer’s income" held at Central Agricultural University, Aizawl (Mizoram) from 28-30 November, 2018.

<ul style="list-style-type: none"> • Dr. Dibyendu Chakraborty, Assistant Professor participated in Regional Workshop on “Underutilized Animal Genetic Resources and Their Amelioration” at MARDI Headquarters, Serdang, Selangor, Malaysia w.e.f. March 4-6, 2019.
<ul style="list-style-type: none"> • Dr. S A Khandi, Assistant Professor attended National conference on women empowerment (WE-2019) on “Agro-entrepreneurship for livelihood security” at Chatha, SKUAST-J w.e.f 7-8 February 2019
<ul style="list-style-type: none"> • Dr. Pranav Kumar, Assistant Professor attended National conference on women empowerment (WE-2019) on “Agro-entrepreneurship for livelihood security” at Chatha, SKUAST-J w.e.f 7-8 February 2019
<ul style="list-style-type: none"> • Dr. S A Khandi, Assistant Professor attended International Buffalo Congress (IBC-2019) at University of Veterinary and Animal Sciences, Lahore Pakistan w.e.f 18-20 February 2019
<ul style="list-style-type: none"> • Dr. Pranav Kumar, Assistant Professor attended national seminar on “Smart Technologies to Boost Farm Profitability and Socio Economic Status of Rural India” to be w.e.f 19-20th November 2018 at SKUAST- Jammu
<ul style="list-style-type: none"> • Dr. Pranav Kumar, Assistant Professor attended ISEE National Seminar 2018 “Integrated farming system for enhancing farmers’ income and nutritional security” held at West Bengal University of Animal and Fishery Sciences, Kolkata from 05th to 07th December 2018.
<ul style="list-style-type: none"> • Dr. H.R. Bhardwaj, Professor and Head, VAHEE attended the workshop on interactive meeting on livestock production and productivity, Status, challenges and Prospectus being organized by SKUAST-Kashmir on 9th August, 2018.
<ul style="list-style-type: none"> • Dr. Shafiqur Rahman, Assistant Professor Attended 16th Annual Convention of Indian Society for Advancement of Canine Practice (ISACP) and National Symposium on the topic “Exploring New Horizons in Canine Practice and Welfare” held at Khalsa College of Veterinary and Animal Sciences, Amritsar, Punjab from 26-28 Feb. 2019.
<ul style="list-style-type: none"> • Dr. Shilpa Sood, Associate Professor Attended 16th Annual Convention of Indian Society for Advancement of Canine Practice (ISACP) and National Symposium on the topic “Exploring New Horizons in Canine Practice and Welfare” held at Khalsa College of Veterinary and Animal Sciences, Amritsar, Punjab from 26-28 Feb. 2019.
<ul style="list-style-type: none"> • Dr. Sunil Kumar, Professor and Head, Division of LPT attended National Conference on “Women Empowerment through Agro-entrepreneurship for livelihood security” organised by SIDAVES, at SKUAST-Jammu on 07-08th February, 2019.
<ul style="list-style-type: none"> • Dr. Arvind Kumar, Assistant Professor attended National Conference on “Women empowerment through agro-entrepreneurship for livelihood security” organised by SIDAVES, at SKUAST-J, Chatha on 7th and 8th Feb’2019.
<ul style="list-style-type: none"> • Dr. Arvind Kumar, Assistant Professor attended 21 Days CAFT training programme on Nanotechnological and biochemical techniques for assessing the quality and safety of milk and milk products at NDRI, Karnal from December 1-21, 2018.
<ul style="list-style-type: none"> • Dr. M.A. Malik, Professor and Head, attended XVI Nat. Symposium of IAVPHS & Nat. Conference on “Challenges and opportunities for tackling Veterinary Public Health issues at the human animal and environmental interface on 26-27 Feb. 2019 at Nagpur.
<ul style="list-style-type: none"> • Dr. M. Rashid, Associate Professor attended XVI Nat. Symposium of IAVPHS & Nat. Conference on “Challenges and opportunities for tackling Veterinary Public Health issues at the human animal and environmental interface on 26-27 Feb. 2019 at Nagpur.

<ul style="list-style-type: none"> • Dr. Maninder Singh, Assistant Professor attended XVI National Symposium of IAVPHS and National Conference on “Challenges and opportunities for tackling Veterinary Public Health issues at the human animal and environmental interface wef 26-27 of Feb. 2019 at Nagpur.
<ul style="list-style-type: none"> • Dr. R. K. Sharma, Professor & Head (Animal Nutrition) attended XI Biennial Conference of Animal Nutrition Association on Reorienting Animal Nutrition Research in the Perspective of Farmers Welfare held at Bihar Animal Science University, Patna during November 19-21, 2018.
<ul style="list-style-type: none"> • Dr. A. K. Pathak, Assistant Professor, (Animal Nutrition) attended XI Biennial Conference of Animal Nutrition Association on Reorienting Animal Nutrition Research in the Perspective of Farmers Welfare held at Bihar Animal Science University, Patna during November 19-21, 2018.
<ul style="list-style-type: none"> • Dr. A. K. Pathak, Assistant Professor, (Animal Nutrition) attended 17th Annual Convocation of National Academy of Veterinary Sciences (India) and National Seminar on ‘Livestock Sector towards One Health, Food Security and Safety’ held at College of Veterinary Science and Animal Husbandry, Odisha University of Agriculture and Technology, Bhubaneswar during 19th – 20th December, 2018.
<ul style="list-style-type: none"> • Dr. Kafil Hussain, Assoc. Professor attended 11th Berlin Summer School on Non-invasive Monitoring of Hormones at Endocrine Laboratory, Leibniz Institute for Zoo and wildlife Research (IZW), Berlin, Germany w.e.f. June 25 to June 29, 2018.
<ul style="list-style-type: none"> • Dr. Kafil Hussain, Assoc. Professor attended International Science Conference on “the 2018 joint EAZWV/AAZV/Leibniz-IZW Conference” at Prague, Czech Republic w.e.f. October 6 to October 12, 2018.
<ul style="list-style-type: none"> • Dr. Rajesh Agrawal, Assoc. Professor and Dr. Abha Tikoo, Asstt. Professor attended training programme on “Applied aspects of statistical modelling and inferences in Veterinary & Animal Sciences” at Guru Angad Dev Veterinary & Animal Sciences University, Ludhiana w.e.f. August 21 to September 10, 2018.
<ul style="list-style-type: none"> • Dr. R. K. Bhardwaj, Asstt. Professor attended ICAR –Sponsored short course on “An update of molecular and advanced approaches for diagnosis of Parasitic Diseases in Animals” at ICAR-National Institute of Veterinary Epidemiology and Disease Informatics (ICAR-NIVEDI), Bengaluru w.e.f. January 2 to January 11, 2019.
<ul style="list-style-type: none"> • Dr. Neelesh Sharma, Asstt. Professor attended training programme on “Isolation and purification of outer membrane proteins from anaerobes and determination of their immunoreactivity for protection” at SKUAST-K, Shuhama, Srinagar w.e.f. September 18 to September 27, 2018.
<ul style="list-style-type: none"> • Dr. Rajiv Singh, Professor and Head and Dr. Neelesh Sharma, Asstt. Prof. attended 17th Convocation of National Academy of Veterinary Sciences (NAVS) at OUAT, Bhubaneswar, Odisha, India on w.e.f. December 19-20, 2018
<ul style="list-style-type: none"> • Dr. S. K. Gupta, Professor), Dr. Rajiv Singh, Professor & Head, Dr. V. S. Wazir, (Professor), Dr. Neelesh Sharma, Dr. S.R. Upadhyay and Dr. R. K. Bhardwaj (Assistant Professors) attended National Symposium on “Holistic approach in Veterinary Medicine for better Animal Health to Meet Challenges of one health Mission” and 37th Annual Convention of Indian Society for Veterinary Medicine at College of Veterinary and Animal Science, RAJUVAS, Bikaner w.e.f. February 1 to February 3, 2019.

<ul style="list-style-type: none"> • Dr. S. R. Upadhyay, Asstt. Professor attended 16th annual convention of ISCAP at Khalsa College Veterinary and Animal Sciences, Amritsar w.e.f. February 26 to February 28, 2019.
<ul style="list-style-type: none"> • Dr. Neelesh Sharma, Sr. Asstt. Prof., attended National Workshop on “Nanomedicine: Challenges and Barriers in Translation” at IIT, Delhi, on April 16, 2018.
<ul style="list-style-type: none"> • Dr. Neelesh Sharma, Sr. Asstt. Prof., attended seminar on “Vission-2030 Dairy Farming Best Way Out to Increase Farmers Income”, at PAU, Ludhiana, Punjab, India, on July 29 2018.
<ul style="list-style-type: none"> • Dr. Neelesh Sharma, Sr. Asstt. Prof., attended 8th National conference on Natural Sciences at Pudukkottai, Tamilnadu, India, on September 15, 2018.
<ul style="list-style-type: none"> • Dr. Neelesh Sharma, Sr. Asstt. Prof., attended 3rd Annual Conference on Nanobioteck at AIIMS, New Delhi, India, 24-27 Oct., 2018.
<ul style="list-style-type: none"> • Dr. Manpreet Kour, Asstt. Prof., attended national conference on “Women Empowerment Through Agro-Entrepreneurship for Livelihood Security” at SKUAST-Jammu, India, w.e.f. February, 07-08, 2019.
<ul style="list-style-type: none"> • Dr. Nazam Khan, Asstt. Prof., attended national conference on “Women Empowerment Through Agro-Entrepreneurship for Livelihood Security” at SKUAST-Jammu, India, w.e.f. February, 07-08, 2019.
<ul style="list-style-type: none"> • Dr. Vikas Mahajan, Asstt. Prof., attended national conference on “Women Empowerment Through Agro-Entrepreneurship for Livelihood Security” at SKUAST-Jammu, India, w.e.f. February, 07-08, 2019.
<ul style="list-style-type: none"> • Dr. Sanku Borkataki, Assistant Professor, attended 21 days ICAR Summer School on “Production and Post-production interventions to increase returns from livestock enterprise: A step towards doubling farmers income” at SKUAST-Kashmir w.e.f June 19 to July 9, 2019.
<ul style="list-style-type: none"> • Dr. Sanku Borkataki, Assistant Professor, participated National conference on Women Empowerment through Agro-entrepreneurship for livelihood security (WE-2019) W.E.F. 7-8th Feb, 2019
<ul style="list-style-type: none"> • Dr. Anish Yadav, Professor and ICAR National Fellow participated and Presented paper in Conference of SIDAVES at SKUAST-Jammu, w.e.f. 8-10th Feb. 2018.
<ul style="list-style-type: none"> • Dr. Anish Yadav, Professor and ICAR National Fellow participated and Presented paper in 27th Conference of IAAVP at CoVsc, Udaipur, Rajasthan w.e.f. 12-14th Feb. 2018
<ul style="list-style-type: none"> • Dr. Anish Yadav, Professor and ICAR National Fellow participated and Presented paper in national Seminar on Smart Technology to Boost Farm Profitability and Socio Economic Status of Rural India of RASSA at SKUAST-Jammu, w.e.f. 19-20th Nov. 2018.
<ul style="list-style-type: none"> • Dr. Rajesh Katoch, Professor & Head participated in Conference of SIDAVES at SKUAST-Jammu, w.e.f. 8-10th Feb. 2018.
<ul style="list-style-type: none"> • Dr. Rajesh Katoch, Professor & Head attended and presented Lead Lecture in a seminar “Current Scenario and Future Strategies for Augmenting Productivity of Small Ruminants” from 14-16th February, 2019 at Animal Sciences University, Patna.

2019-20
<ul style="list-style-type: none"> • Dr. Dharendra Kumar, Asstt. Prof., AGB Attended 21days training programme on "Advance Statistical Analysis of Breeding Data" At ICAR-IASRI, New Delhi w.e.f August 27 -September 16, 2019
<ul style="list-style-type: none"> • Dr. Dharendra Kumar, Asstt. Prof., AGB Two day workshop on "Intellectual Property Rights-Fostering Innovation Ecosystem in J&K" Bari Brahmana, JKEDI-Jammu December 11-12, 2019
<ul style="list-style-type: none"> • Dr. Dibyendu Chakraborty, Asstt. Prof., AGB Attended 21 days training programme on "Phenomics and Genomic Evaluation of Dairy Animals for Sustainable Production" ICAR-NDRI, Karnal, Haryana January 2-22, 2020
<ul style="list-style-type: none"> • Dr. R. K. Sharma (Prof. & Head) and Dr. Ankur Rastogi, Assoc. Professor Attended XIV Annual convention of the Indian Society of Animal Genetics and Breeding (ISAGB) & national symposium at SKUAST-Jammu w.e.f. 29th-30th May, 2019.
<ul style="list-style-type: none"> • Dr. A. K. Pathak Assistant Professor (SS) Attended ICAR Sponsored Short Course (10 days) on "DNA Techniques in Forensic Food Analysis" at ICAR-National Research Centre on Meat, Hyderabad-500092. w.e.f October 14-23 October, 2019
<ul style="list-style-type: none"> • Dr. R. K. Sharma (Prof. & Head) and Dr. A. K. Pathak Assistant Professor (SS) Attended National Conference on Livelihood Improvement through Sustainable Livestock Production & IV Annual Convention of Pashu Poshan Kalyan Samittee; PPKS) at ICAR-CIRC, Meerut w.e.f November 3-4, 2019
<ul style="list-style-type: none"> • Dr. A. K. Pathak Assistant Professor (SS) XXXVI Annual Conference of Indian Poultry Science Association (IPSACON 2019) at CGKV, Durg, Chhattisgarh, w.e.f. December 11-13, 2019.
<ul style="list-style-type: none"> • Dr. R. K. Sharma (Prof. & Head), Dr. Ankur Rastogi (Assoc. Prof.) & Dr. A. K. Pathak (Asstt. Prof.; SS) International Conference on animal Nutrition (INCAN-2019) at WBUAFS, Kolkata w.e.f. December 17-19, 2019.
<ul style="list-style-type: none"> • Dr. Sunil Kumar, Professor & Head, Div. of LPT attended International Symposium and 9th IMSACON on "Advances in Production, Processing and Quality assurance of muscle foods for Improved Health and Nutritional Security" organised by CSK Himanchal Pradesh Krishi Vishvavidyalaya, Palampur 06-08th November, 2019
<ul style="list-style-type: none"> • Dr. Arvind Kumar, Asstt. Prof., Div. of LPT attended three-day 14th JK Science Congress Jammu University December 20-22, 2019
<ul style="list-style-type: none"> • Dr. Ashok Kumar, Associate Professor and Dr. R.B. Kushwaha, Assistant Professor, TVCC Attended 43rd ISVS conference on "Recent advances on amelioration of Anaesthetic and Surgical sties in Farm and companion animals. At COVS, LLRUVAS, Hissar-125004, Haryana w.e.f. November 14-16, 2019
<ul style="list-style-type: none"> • Dr. R.B. Kushwaha, Assistant Professor, TVCC Attended training programme on "Assembly and use of foldoscope" At F.V.Sc & AH, SKUAST-J, R.S. Pura On 6th September 2019

<ul style="list-style-type: none"> • Dr. J.S. Soodan, Professor and Dr. Sharad Kumar, Assistant Professor Attended 5th JK Science Congress on “Climate Change Management for Sustainable Agriculture, Livestock Farming and Ecological Development” at SKUAST – Jammu, Chatha (J&K) from w.e.f. 14th to 16th October, 2019.
<ul style="list-style-type: none"> • Dr. Kamal Sarma, Professor (Veterinary Anatomy) Attended 18th Convocation cum Scientific Convention on "Futuristic Technologies in Animal Health and Production" of National Academy of Veterinary Sciences (NAVS), India At Kamdhenu University, Gandhi Nagar (Gujarat) w.e.f 26th-27th December, 2019
<ul style="list-style-type: none"> • Dr. Pranav Kumar, Asstt. Prof. (VAHEE) Attended Indian Society of Extension Education (ISEE) National Seminar on "Holistic Approach for Enhancing Agricultural Growth in Changing Rural Scenario" at Swami Keshwanand Rajasthan Agricultural University, Bikaner, Rajasthan. w.e.f November 14 – 16, 2019
<ul style="list-style-type: none"> • Dr. Pranav Kumar, Asstt. Prof. (VAHEE) Acted as resource person in Model Training Course (MTC) sponsored by Directorate of Extension, Ministry of Agriculture and Farmer's Welfare, GOI, New Delhi on “Innovative entrepreneurial approaches in Hill farming systems for doubling farmer’s income” at Dr. G.C. Negi College of Veterinary and Animal Sciences, CSK HPKV, Palampur. 27th September, 2019
<ul style="list-style-type: none"> • Dr. Sudhir Kumar, Asstt. Prof. Certificate of successfully completion with distinction in a online course on “Conservation Agriculture-based Sustainable Intensification (CASI)” Offered by Centre for Continuing Education (CCE), IIT Kanpur, India and Commonwealth of Learning (COL), Canada. started on 12-02-2020 (6 week)
<ul style="list-style-type: none"> • Dr. Sudhir Kumar, Asstt. Prof. 5th J&K Agriculture Science Congress on Climate Change Management for Sustainable agriculture, Livestock farming and Ecological Development at SKUAST-Jammu, Chatha, Jammu. w.e.f. 14-16 October, 2019
<ul style="list-style-type: none"> • Dr. Nishi Pande, Asstt. Prof. Model Training Course on “Ultrasonography evaluation of ovarian and genital status for evaluation of fertility in dairy farming” Organized by Dept. of Veterinary Gynaecology and Obstetrics, GADVASU, Ludhiana. Nov.01st-08th,2019
<ul style="list-style-type: none"> • Dr. Anil Kumar Pandey, Asstt. Prof. 5th J&K Agriculture Science Congress on Climate Change Management for Sustainable agriculture, Livestock farming and Ecological Development at SKUAST-Jammu, Chatha, Jammu. w.e.f. 14-16 October, 2019
<ul style="list-style-type: none"> • Dr. Anil Kumar Pandey, Asstt. Prof. National Symposium on Indian Animal Genetics Resources for enhancing productivity and profitability and XIV Annual Conference of Indian Society of Animal Genetics and Breeding (ISAGB) at FVSc & AH, SKUAST-J,R.S. Pura. w.e.f. May 29-30, 2019 at FVSc & AH
<ul style="list-style-type: none"> • Dr. Anil Kumar Pandey, Asstt. Prof. 5th J&K Agriculture Science Congress on Climate Change Management for Sustainable agriculture, Livestock farming and Ecological Development at SKUAST-Jammu, Chatha, Jammu. w.e.f. 14-16 October, 2019

<ul style="list-style-type: none"> • Dr. Utsav Sharma, Prof. & Head National Symposium on Indian Animal Genetics Resources for enhancing productivity and profitability and XIV Annual Conference of Indian Society of Animal Genetics and Breeding (ISAGB) at FVSc & AH, SKUAST-J, R.S. Pura. w.e.f. May 29-30, 2019
<ul style="list-style-type: none"> • Dr. Neelesh Sharma Attended British Mastitis Conference-2019 at Worcester, Worcestershire, England, UK On 6th November, 2019
<ul style="list-style-type: none"> • Dr. Neelesh Sharma Attended Annual Convention of Veterinary Internal and Preventive Medicine Society and National Symposium at DUVASU, Mathura, UP, India W.e.f. 08-09 November, 2019.
<ul style="list-style-type: none"> • Dr. S. K. Gupta Dr. V S Wazir Dr. Neelesh Sharma Dr S R Upadhyay Dr R K Bhardwaj 38th Annual Convention of Indian Society for veterinary Medicine & National Symposium. at Veterinary College, Hebbal, Bengaluru, India, W.e.f. 05-07 February, 2020
<ul style="list-style-type: none"> • Dr. Neelesh Sharma Veterinary and Animal Science Congress and National Symposium at College of Veterinary Sci. & A.H., Mhow, Indore, M.P., India. W.e.f. 06-08 March, 2020
<ul style="list-style-type: none"> • Dr. R. K. Bhardwaj Attended 17th Convention of ISACP AND National Symposium on “Maximising diagnosis, therapy and welfare in canine practice in current scenario COVSAH, NDVSU-Jabalpur w.e.f 21st-23rd January, 2020
<ul style="list-style-type: none"> • Dr. R. K. Bhardwaj Attended Advanced training programme on Diagnosis and Management of Chronic Gastroenteropathies and Renal Diseases in Dogs DBT-GADVASU-Canine Research Centre and Networks, Multispeciality Animal Hospital, GADVASU-Ludhiana w.e.f 2nd-3d March, 2020.
<ul style="list-style-type: none"> • Dr. S. R. Upadhyay Attended ICAR Winter School entitled Clinical Application of stem cells in animals Bareilly at IVRI 01/11/19 to 21/11/19
<ul style="list-style-type: none"> • Dr. S. R. Upadhyay Participated in State level Kisan Mela GADVASU, Ludhiana 21-22 September 2019
<ul style="list-style-type: none"> • Dr. Gulzar Badroo (Teaching Associate) Attended National Conference on “Challenges and Threats of Microbes to Animals and Humans” at IVRI, Bareilly w.e.f. 06-07 Feb 2020
<ul style="list-style-type: none"> • Dr. Indica Sharma (Teaching Associate) Attended National Conference on “Challenges and Threats of Microbes to Animals and Humans” at IVRI, Bareilly w.e.f. 06-07 Feb 2020
<ul style="list-style-type: none"> • Dr. Rajesh Katoch Attended 29th National Congress and of Veterinary Parasitology At Nanaji Deshmukh Veterinary University Jabalpur 5th-7th February, 2020

<ul style="list-style-type: none"> • Dr. Anish Yadav Attended 29th National Congress and of Veterinary Parasitology At Nanaji Deshmukh Veterinary University Jabalpur 5th-7th February, 2020
<ul style="list-style-type: none"> • Dr. Anish Yadav Attended 18th Annual Convocation-cum-Scientific Convention of National Academy of Veterinary Sciences from At Kamdhenu University, Gandhinagar, Gujarat. 26-27th December., 2019
<ul style="list-style-type: none"> • Dr. Rajesh Godara Attended training programme on "Current status, Emerging issues and Future scenario regarding conservation of indigenous breeds of livestock" At CVAS, RAJUVAS, Bikaner November 05-25, 2019
<ul style="list-style-type: none"> • Dr. Nawab Nashiruddullah, Professor & Head (Veterinary Pathology) Attended Veterinary Pathology Congress-2019 & XXXVI Annual Conference of Indian Association of Veterinary Pathologists College of Veterinary Sciences & Animal Husbandry, CAU, Selesih, Mizoram 06-08 November 2019
<ul style="list-style-type: none"> • Dr. Shafiqur Rahman, Asstt. Prof., (Veterinary Pathology) Attended XVI Annual Convention of Indian Society for Advancement of Canine Practice (ISACP) and National Symposium on the topic “Exploring New Horizons in Canine Practice and Welfare” at Khalsa College of Veterinary and Animal Sciences, Amritsar, Punjab. w.e.f 26-28 Feb. 2019
<ul style="list-style-type: none"> • Dr. Pawan K Verma Attended 19th Annual Conference of ISVPT and National Symposium on “Pharmacogenomics in the development and validation of indigenous drugs” College of Veterinary and Animal Sciences, Mannuthy, Kerala w.e.f December 18-20, 2019
<ul style="list-style-type: none"> • Dr. Pawan K Verma Attended 18th Annual Convocation cum Scientific Convention of NAVS on Futuristic Technologies in Animal Health and Production Kamdhenu University, Gandhinagar, Gujarat w.e.f. December, 26-27, 2019
<ul style="list-style-type: none"> • Dr. Pratiksha Raghuvanshi (Asst. Prof, SG) Attended International conference on Animal Nutrition 2019 on “Nutritional strategies for improving farm animal profitability and clean animal production” Organized by West Bengal University of Animal & Fishery Sciences, Kolkata in collaboration with ANSI at Kolkata, India w.e.f December 17- 19, 2019
<ul style="list-style-type: none"> • Dr. Kawardeep Kour (Vety. Physiology) Attended training programme on “Phenomics And Genomics Evaluation Of Dairy Animals For Sustainable Production’ at Animal Genetics And Breeding Division Centre Of Advanced Faculty Training , ICAR-National Dairy Research Institute, Karnal Haryana. w.e.f. 2 to 22 January 2020
<ul style="list-style-type: none"> • Dr. Harsh Kumar Sharma, (Assistant Professor) (Veterinary Public Health and Epidemiology) Attended XIV Biennial National Conference of Association of Public Health Veterinarians DUVASU, Mathura, UP, India w.e.f. 24th to 25th January, 2020.

2020-21
<ul style="list-style-type: none"> • Dr. Nawab Nashiruddullah, Professor & Head attended Online Training Programme on Community Based Disaster Risk Management (CBDRM) for Northern States (Part I) organized by Mahatma Gandhi State Institute of Public Administration, Punjab in collaboration with National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India from 29 September to 01 October 2020
<ul style="list-style-type: none"> • Dr. N.K.Pankaj, Asstt. Prof. attended & presented abstract during 20th e-Conference of ISVPT organized by DUVASU Mathura.
<ul style="list-style-type: none"> • Dr. P.K.Verma, Asstt. Prof. attended & presented abstract during 20th e-Conference of ISVPT organized by DUVASU Mathura
<ul style="list-style-type: none"> • Dr. Sanku Borkataki, Asstt. Professor, Parasitology attended 21 days training programme
<ul style="list-style-type: none"> • Dr. Sanjay Agarwal attended following:
<ul style="list-style-type: none"> • Two days National Webinar on “Basic to Recent Advances in Veterinary Andrology” Organized by Department of ARGO, LCVSc, AAU, Joyhing, North Lakhimpur, Assam on 19th-20th September, 2020 (LCVSc, AAU0510)
<ul style="list-style-type: none"> • International Webinar on “Zoonotic Diseases and Novel Approaches in Worm Control” Organized by FVSc & AH, SKUAST-J, Jammu on 24th September, 2020
<ul style="list-style-type: none"> • National Webinar on “Enhancing Livestock Productivity for Food Security through Advance Genetics and Reproductive Techniques” Organized Bihar Agricultural University, Sabour, Bhagalpur on 30th September, 2020 (BAU Webinar Series: 34/2020/ 94897)
<ul style="list-style-type: none"> • Virtual Mini-Symposium on “Recent Developments In Buffalo Research” jointly organized by ISBD and ICAR-CIRB on 08th October, 2020.
<ul style="list-style-type: none"> • National Webinar on “Ultrasonography-A boon in diagnosis of reproductive disorders in dairy animals” Organized by Veterinary Clinical Complex LUVAS, Hisar and Carus Laboratories Private Limited 03rd December 2020
<ul style="list-style-type: none"> • Dr. Utsav Sharma attended following:
<ul style="list-style-type: none"> • Online International Wildlife e-Conference – WILDCON 2020 organized by MAFSU, Nagpurin collaboration with Forest Development Corporation of Maharashtra and Association of Indian Zoo and Wildlife Veterinarians (AIZ & WV) w.e.f. 18th-19th December 2020.
<ul style="list-style-type: none"> • Dr. Sudhir Kumar attended following:
<ul style="list-style-type: none"> • Attended International e-Conference as Member of Organizing Committee on “Agricultural and Biological Sciences I-E-CABS 2020” organized by Society for Bioinformatics and Biological Sciences and Applied Research and Development organization on 18-19 December, 2020.
<ul style="list-style-type: none"> • 21 days online training programme on “Innovative Practices in Extension Research and Evaluation” Organized by ICAR-NAARM, Hyderabad during 08-28 September, 2020.

<ul style="list-style-type: none"> • Participated in the “TANUVAS-Global Veterinary Large Animal Sciences Webinar Series-2020 on Medical Management of Colic in Horses” organized by Veterinary University Peripheral Hospital, Directorate of Clinics, Tamil Nadu Veterinary and animal Sciences University, Chennai-51, Tamil Nadu, India on 7.11.2020.
<ul style="list-style-type: none"> • International Webinar on “Zoonotic Diseases and Novel Approaches in Worm Control” Organized by FVSc & AH, SKUAST-J, Jammu on 24th September, 2020
<ul style="list-style-type: none"> • Dr. Anil Kumar Pandey attended following:
<ul style="list-style-type: none"> • Online International Wildlife e-Conference – WILDCON 2020 organized by MAFSU, Nagpur in collaboration with Forest Development Corporation of Maharashtra and Association of Indian Zoo and Wildlife Veterinarians (AIZ & WV) w.e.f. 18th-19th December 2020.
<ul style="list-style-type: none"> • One day National Webinar on Enhancing Livestock Productivity for Food Security Through Advance Genetic and Reproductive Techniques” organized by Bihar Agricultural University, Sabour, Bhagalpur held on September 30, 2020.
<ul style="list-style-type: none"> • National Webinar on “Doubling the Farmers Income through livestock sector-prospects and potentials” w.e.f. October 1, 2020 (e-certificate received). Organized by Department of Animal Husbandry Statistics and Computer Applications, Faculty of Basic Sciences, Madras Veterinary College.
<ul style="list-style-type: none"> • Four Days Online Training Programme on “Contemporary approaches for sustainable livestock farming in hilly areas” w.e.f. October 20-23, 2020. Organized by MANAGE, Hyderabad and SKUAST-Jammu.
<ul style="list-style-type: none"> • One Week Online International Training Programme on “Secondary Agriculture for doubling Farmers Income: using efficient technologies”, w.e.f. October 5-11, 2020. Organized by Division of Agronomy, FOA, SKUAST-K, Wadhoora, Sopore, Baramulla, Kashmir.
<ul style="list-style-type: none"> • Dr. J. S. Soodan, Prof. & Head participated as a Chairman session Thematic Area II: Emerging Trends in Veterinary and Animal Sciences in International E Conference on “Agricultural and biological Sciences IE-CABS 2020” w.e.f 18-19th Dec 2020.
<ul style="list-style-type: none"> • Dr. Sharad Kumar, Assistant Professor participated as a Co Chairman session Thematic Area II: Emerging Trends in Veterinary and Animal Sciences in International E Conference on “Agricultural and biological Sciences IE-CABS 2020” w.e.f 18-19th Dec 2020.
<ul style="list-style-type: none"> • Dr. R.B. Kushwaha, Assistant Professor participated as Co Chairman in Technical Session VII on emerging trends in veterinary and animal sciences IV of IE-CABS 2020 on 19-12-2020.
<ul style="list-style-type: none"> • Dr. R. B. Kushwaha, Assistant Professor participated in Wildcon- 2020 (Online International Conference) on “<i>Insights into wildlife conflicts, rescue and rehabilitation: Challenges and opportunities for Conservation</i>” and 14th Annual Convention of Association of Indian Zoo and Wildlife Veterinarians organized by Wildlife Research & Training Centre, Gorewada Rescue centre, Nagpur & Association of Indian Zoos & Wildlife Veterinarians, held during 18th - 20th December, 2020 conducted from Nagpur.

<ul style="list-style-type: none"> • Dr. Dharendra Kumar, Assistant Professor, participated International e-Conference on Agricultural and Biological Sciences (I-E-CABS-2020) from 18th-19th December, 2020, on virtual mode.
<ul style="list-style-type: none"> • Dr. Dibyendu Chakraborty, Assistant Professor, participated International e-Conference on Agricultural and Biological Sciences (I-E-CABS-2020) from 18th-19th December, 2020, on virtual mode.
<ul style="list-style-type: none"> • Dr. Pratiksha Raghuwanshi participated in E-Refresher course on 21st Century: The era of Biotechnology from 3rd September to 20th October 2020, Department of Biotechnology, AKS University, Satna - M.P.
<ul style="list-style-type: none"> • Dr. Pratiksha Raghuwanshi participated in International Webinar on “Diagnosis & Management of Chronic Kidney Diseases” from 15th September 2020, Veterinary Physiology and Biochemistry Department, College of Veterinary Science & A.H., Anjora, Durg (Chhattisgarh)
<ul style="list-style-type: none"> • Dr. Pratiksha Raghuwanshi participated in 10 days training on “Updates in Biochemical mechanisms and its interpretations in Veterinary and Animal Sciences for Veterinary clinical applications 21st to 30th September, 2020, Deptt. Of Vety. Biochemistry, C. V. Sc. and A. H., Parbhani, MAFSU, Nagpur,
<ul style="list-style-type: none"> • Dr. Aditi Lal Koul participated in 10 days training on “Updates in Biochemical mechanisms and its interpretations in Veterinary and Animal Sciences for Veterinary clinical applications
<ul style="list-style-type: none"> • 21st to 30th September, 2020, Deptt. Of Vety. Biochemistry, C. V. Sc. and A. H., Parbhani, MAFSU, Nagpur,
<ul style="list-style-type: none"> • Dr. Jafrin Ara Ahmed participated in National webinar on physiological spectrum to augment livestock production in enigmatic COVID-19 scenario from 25th September, 2020, organized by Department of Veterinary Physiology, College of Veterinary Sciences, AAU, Khanapara, Guwahati-22.
<ul style="list-style-type: none"> • Dr. Jonali Devi participated in National webinar on “Physiological spectrum to augment Livestock production in Enigmatic Covid-19 scenario” 25th September, 2020, Department of Veterinary Physiology, CVSc, AAU, Khanapara, Guwahati, Assam.
<ul style="list-style-type: none"> • Dr. P.S.Mahapatra, International webinar on “Cell lines for Optimizing Biotherapeutic Production Workflow” 30th Sept. 2020, Genetic Engineering and Biotechnology News, Mary Ann Liebert, Inc, New York, USA.
<ul style="list-style-type: none"> • Dr. P.S.Mahapatra participated in National webinar on ‘Public Speaking & Presentation Skills
<ul style="list-style-type: none"> • 3rd Oct, 2020, UP Pt Deen Dayal Upadhaya Pasuchikitsa Vigyan Vishwavidyalya Evam Goansandhan Sansthan, Mathura, UP.
<ul style="list-style-type: none"> • Dr. P.S.Mahapatra participated in Webinar on ‘Unlocking the Secrets of Hydroponics 4th Oct, 2020, Entitweef’, Navimumbai, Maharashtra
<ul style="list-style-type: none"> • Dr. P.S.Mahapatra participated in International webinar on ‘Heroes & Villains: Reflections on the CRISPR Revolution’ 6th Oct, 2020, Thermo Fisher Scientific, Massachusetts, USA

<ul style="list-style-type: none"> • Dr. P.S.Mahapatra participated in National webinar on ‘Molecular & Serological Diagnosis of COVID-19’ 6th Oct, 2020, ISSAR, west Bengal Chapter
<ul style="list-style-type: none"> • Dr. Jonali Devi participated in mini-virtual symposium on the topic “Recent developments in buffalo development 8th Oct, 2020, ISBD (Indian Society of Buffalo Development) and ICAR-CIRB.
<ul style="list-style-type: none"> • Dr. P.S.Mahapatra participated in International webinar on ‘Whole Genomic Sequencing comes of Age in Clinical Care’ 8th Oct, 2020, OMICS, Mary Ann Liebert, Inc, New York, USA
<ul style="list-style-type: none"> • Dr. P.S.Mahapatra participated in National webinar on ‘Role of Essential Oils as Natural Growth Promoters in Livestock Production’, 10th Oct, 2020, Vetina Health Care LLP., Pune, Maharastra.
<ul style="list-style-type: none"> • Dr. P.S.Mahapatra participated in International e-conference on ‘Expanding Horizons in Physio-biochemical and Molecular Approaches for improving Livestock Health and Production’ 19-20th Oct. 2020, Vety. College & Research Institute, Orathanadu, TANUVAS, Tanjavur, TN, India.
<ul style="list-style-type: none"> • Dr. Pratiksha Raghuwanshi participated in Eleven days online training programme on “Advance diagnostic approaches: A preparation to combat new challenges of Veterinary Science 19-31st October 2020, College of Vety, Sc. and A.H., Mhow, NDVSU, Jabalpur, M.P.
<ul style="list-style-type: none"> • Dr. Pratiksha Raghuwanshi participated in MOOCs online training programme on “Contemporary Approaches for Sustainable Livestock Farming in Hilly Areas 20-23rd October 2020, MANAGE, Hyderabad in collaboration with SKUAST, Jammu.
<ul style="list-style-type: none"> • Dr. Aditi Lal Koul participated in 10 days online training on “Recent Advances in Analytical Biochemistry techniques, its applications and interpretations” 2-11th November, 2020, Dept. of Veterinary Biochemistry, College of Veterinary and Animal Sciences, Parbhani
<ul style="list-style-type: none"> • Dr. P.S.Mahapatra participated in International webinar on “Profiling Biomarkers with right Immunoassay Platform – Need for the Biopharma and Research 4th Nov. 2020, Thermo Fisher Scientific, Massachusetts, USA.
<ul style="list-style-type: none"> • Dr. P.S.Mahapatra participated in International webinar on “Fast and Reliable Gene Synthesis for Optimized Protein Expression” 10th Nov 2020, Thermo Fisher Scientific, Massachusetts, USA.
<ul style="list-style-type: none"> • Dr. Jonali Devi participated in International wildlife webinar on “Care, Management & Welfare of Marine Mammals and Bears 22nd November, 2020, Wildlife Research & Training Center, Gorewada, Nagpur.
<ul style="list-style-type: none"> • Dr. Jonali Devi participated in Two days national webinar on “Metagenomic Approches for Studying Rumen Microbiome” 26-27th November, 2020, C.V.Sc., Rampura Phul, Bathinda, GADVASU
<ul style="list-style-type: none"> • Dr. Pratiksha Raghuwanshi, Three days online training course on “Advances in mammary tumor diagnosis and treatment 15-17th December 2020., College of Biotechnology, GADVSU, Ludhiana,

<ul style="list-style-type: none"> • Dr. Pratiksha Raghuwanshi participated in E conference on Agriculture and Biological Sciences I-E-CABS2020 18 -19th Dec,2020 Society for Bioinformatics and Biological Sciences & Applied Research and Development Organisation
<ul style="list-style-type: none"> • Dr. Jonali Devi participated in One day national webinar on “Augmenting productivity in dairy animals through improved feeding management 23rd December,2020, Department of Animal Nutrition, Veterinary College and Research Institute, Orathanadu, Tamilnadu
<ul style="list-style-type: none"> • Dr. Shalini Suri, Prof. & Head
<ul style="list-style-type: none"> • International Webinar on Zoonotic Diseases and Novel approaches in worm control organised by Division of Veterinary Parasitology , F.V.Sc. & A.H., R.S.Pura on 24th September, 2020.
<ul style="list-style-type: none"> • Workshop cum Training programme regarding Academic management system organised by ICAR IASRI New Delhi on 28th September, 2020.
<ul style="list-style-type: none"> • Attended online MOOCs programme on “Contemporary Approaches for Sustainable Livestock Farming in Hilly areas” held from 20-23rd October, 2020 organised by MANAGE, Hyderabad, India.
<ul style="list-style-type: none"> • National Web Conference on Advances in teaching and research in Veterinary Anatomy in India organized by SRI Venkateswara Veterinary University, Department of Veterinary Anatomy, NTR College of Veterinary Science Gannavaram from 27-29th October, 2020.
<ul style="list-style-type: none"> • International webinar on 134th Birthday of great mathematician K. Srinivasa Ramanujan on 22nd December, Tuesday organised by Pride of Bharat.
<ul style="list-style-type: none"> • 3 days Training Course on advances in mammary tumour diagnosis and treatment organised by college of Animal Biotechnology of GADVASU sponsored by Department of Biotechnology(DBT), Government of India on 15th, 16th and 17th December 2020.
<ul style="list-style-type: none"> • Dr. Kamal Sarma, Professor
<ul style="list-style-type: none"> • Attended online MOOCs programme on “Contemporary Approaches for Sustainable Livestock Farming in Hilly areas” held from 20-23rd October, 2020 organised by MANAGE, Hyderabad, India.
<ul style="list-style-type: none"> • Attended one day National webinar on “Augmenting productivity in Dairy Animals through improved feeding management” organised by Department of Animal Nutrition , Veterinary College & Research Institute Orathanadu, Tamil Nadu on 23-12-2020
<ul style="list-style-type: none"> • Dr. Jasvinder Singh Sasan, Assistant Professor
<ul style="list-style-type: none"> • Certificate of Participation in webinar on “Diagnosis and Management of Ocular Affections in animals” organized by College of Veterinary Sci. & A.H., Navsari Agricultural University, Navasari, Gujarat on 20th September, 2020.
<ul style="list-style-type: none"> • International Webinar on “Zoonotic Diseases and Novel Approaches in Worm control” organized by Division of Veterinary Parasitology, F.V.Sc & A.H., SKUAST-J, R.S Pura on 24th September,2020.

<ul style="list-style-type: none"> • National Webinar on “One Health Approach to Control and Elimination of Rabies in India” organized by Department of Public Health & Epidemiology, College of Veterinary Science and Animal Husbandry, AAU, Anand in collaboration with Association for Prevention and Control of Rabies in India (APCRI) held on 25th September, 2020.
<ul style="list-style-type: none"> • Certificate of Participation in International Webinar on “Nutritional Interventions for Environmentally Sustainable Livestock Production” organized by Bihar Animal Sciences University, Patna held on 29-30 September, 2020.
<ul style="list-style-type: none"> • Certificate of participation in national webinar on “Doubling the farmer’s income through livestock sector- Prospects and potentials” organized by Department of Animal Husbandry Statistics and Computer Applications, Faculty of Basic Sciences, Madras Veterinary College Campus, Chennai on 01 October, 2020.
<ul style="list-style-type: none"> • Certificate of participation in e-training on “Biocomputational Interventions to Analyze Canine and Livestock Genomes” organized by College of Animal Biotechnology, GADVASU, Ludhiana from 6th to 9th October, 2020.
<ul style="list-style-type: none"> • Certificate of participation in virtual mini-symposium on “Recent Developments in Buffalo Research” organized jointly by ISBD (Indian Society for Buffalo Development) and ICAR-CIRB on 08th October, 2020.
<ul style="list-style-type: none"> • 21 days National Training Course on “Technology Interventions Towards Transformation of Agriculture, Sericulture, Animal Husbandry and Allied Sectors into Sustainable Enterprises for Atmanirbhar Bharat” jointly organized by Agro Environment Development Society (AEDS), India, Central Sericulture Research & Training Institute (CSRTI), Central Silk Board-Ministry of Textiles-Government of India, Mysuru, Karnataka, Bioved Research Institute of Agriculture, Technology & Sciences, Thavalakuppam, Puducherry via virtual mode held from October 11-31, 2020.
<ul style="list-style-type: none"> • National webinar on “Understanding the biology of Newcastle disease virus for the development of of recombinant vaccine” 17th. of August, 2020, organized by. College Veterinary and A. sciences, Parbani.
<ul style="list-style-type: none"> • National webinar on “One Health: A pragmatic solution to emerging and reemerging zoonoses”organized by Department of Veterinary Public Health, College of Veterinary Sciences & AH, DAVASU Mathura, 24th of Sept, 2020.
<ul style="list-style-type: none"> • National Webinar on “Biosafety Issues Related to COVID-19 Testing and Zoonotic Diseases” organized by Department of Veterinary Public Health,College of Veterinary Science and Animal Husbandry,DUVASU,Mathura(U.P) on 28th September, 2020.
<ul style="list-style-type: none"> • International webinar on “Microbiomes, Immunity, and Vaccines”organized by Association of Microbiologists of India on 20/9/2020.
<ul style="list-style-type: none"> • International webinar on “Zoonotic Diseases and Novel Approaches in Worm control”organized by FVSc& AH, SKUAST Jammu on 24/9/2020.
<ul style="list-style-type: none"> • International webinar on “Not on the grocery list (but still in the bag): Pathogens, one Health and the Food Supply”organized by IDPL cell, GADVASU Ludhiana on 21/10/2020.

<ul style="list-style-type: none"> • International webinar on “Learning from Covid -19: A One Health Approach for preventing Future Zoonotic Epidemics” organized by IDPL cell, GADVASU Ludhiana on 28/10/2020.
<ul style="list-style-type: none"> • International Webinar on “Zoonotic Diseases and Novel Approaches in Worm Control” organized by Division of Veterinary Parasitology ,Faculty of Veterinary Sciences & Animal Husbandry,R.S.Pura,SKUAST-Jammu, India on 24th September, 2020.
<ul style="list-style-type: none"> • International Webinar on “Learning from COVID-19: A One Health Approach for Preventing Future Zoonotic Epidemics” conducted by IDP-Cell, GADVASU, Ludhiana, Punjab, India on 28th September, 2020.
<ul style="list-style-type: none"> • International Web-Symposium on “Rabies and One Health” held at School of Public Health and Zoonoses,GADVASU, Ludhiana, Punjab, India on 28th September,2020.
<ul style="list-style-type: none"> • International Webinar on “Echinococcus multilocularis-a foodborne parasite of great concern” held on 29th October, 2020, conducted by IDP-Cell, GADVASU, Ludhiana, Punjab, India.
<ul style="list-style-type: none"> • 6thWorld One Health Congress(virtual edition) a co-organization of the One Health Platform Foundation, the University of Edinburgh, Edinburgh Infectious Diseases, the Southern African Centre for Infectious Disease Surveillance and the Africa Centres for Disease Control and Prevention w.e.f. 30th October, 2020 to 3rd November, 2020.
<ul style="list-style-type: none"> • International Conference: WILDCON- 2020 (Online International Conference) on “Insights into wildlife conflicts, rescue and rehabilitation: Challenges and opportunities for Conservation” and 14th Annual Convention of Association of Indian Zoo and Wildlife Veterinarians organized by Wildlife Research & Training Centre, Gorewada Rescue centre, Nagpur & Association of Indian Zoos & Wildlife Veterinarians, held during 18th - 20th December, 2020 conducted from Nagpur.
<ul style="list-style-type: none"> • OIE Virtual Training Series on Rabies Diagnosis for SAARC Region, Organised by World Organisation for Animal Health (OIE) and KVAFSU-CVA Rabies Diagnostic Laboratory-OIE Reference Laboratory for Rabies, Department of Veterinary Microbiology, Veterinary College, KVAFSU, Hebbal, Bengaluru - 560024 Karnataka, INDIA w.e.f. 5th November, 2020-6th November, 2020.
<ul style="list-style-type: none"> • DBT training programme on “Emerging Bacterial Infections of Canine with special reference to Leptospirosis” organized by College of Animal Biotechnology, GADVASU, Ludhiana w.e.f. 14-15 December, 2020.
<ul style="list-style-type: none"> • Online Training Programme on “Advance Diagnostic Approaches: A preparation to Combat New Challenges of Veterinary Science” Organised by College of Veterinary Science and Animal Husbandry, Mhow from 19-31 October, 2020.
<ul style="list-style-type: none"> • Virtual Brain Storming Session on "One World-One Health" held on September 19, 2020 organized by National Academy of Agricultural Sciences
<ul style="list-style-type: none"> • Dr. A. K. Pathak participated in One Week National e-Training on “Wildlife Conservation and Management” organized by College of Forestry, Dr. Panjabrao Deshmukh Krishi Vidyapeeth Akola, Maharashtra, India during 2nd to 6th October, 2020.

<ul style="list-style-type: none"> • Dr. A. K. Pathak participated in the International Webinar on Nutritional intervention for environmentally sustainable livestock production organized by BASU, Patna, held on 29-30 September 2020.
<ul style="list-style-type: none"> • Dr. A. K. Pathak participated in the International Webinar on Insight of commercial dairy farming organized by College of Veterinary and Animal Sciences, Parbhani on October 02, 2020.
<ul style="list-style-type: none"> • Dr. A. K. Pathak participated in the International Webinar on Advances in Management and Prevention of Bovine Mastitis organized by College of Veterinary and Animal Sciences, Parbhani on 13th October, 2020.
<ul style="list-style-type: none"> • Dr. A. K. Pathak participated in the National Webinar on New Approaches for Enhancing Animal Productivity on October 28, 2020 organized by College of Agriculture, SKN Agriculture University, Joban, Rajasthan.
<ul style="list-style-type: none"> • Dr. A. K. Pathak participated in the International Webinar on Climate Smart Livestock and Poultry Production through Nutritional Intervention organized by Institute of Animal Nutrition, Directorate of Centre for Animal Production Studies, TANUVAS on 23 and 24 November, 2020.
<ul style="list-style-type: none"> • Dr. A. K. Pathak participated in one day National Webinar on Augmenting Productivity in Dairy Animals through Improved Feeding Management organized by the Department of Animal Nutrition, Veterinary College and Research Institute, Orathanadu, Tamilnadu on 23.12.2020.
<ul style="list-style-type: none"> • Dr. S A Khandi participated in the Virtual mini Symposium on Recent Developments in Buffalo Research dated: 08.10.2020 organized by Indian society for Buffalo Development.
<ul style="list-style-type: none"> • Dr. S A Khandi attended an online MOOCS programme on Innovative Ideas for Entrepreneurship Development in Livestock Sector from 14-21 September, 2020, organised by MANAGE Hyderabad, India
<ul style="list-style-type: none"> • Dr. S A Khandi attending International Webinar on "Zoonotic Diseases and Novel Approaches in Worm control" on 24.09.2020 organised by Division of Veterinary Parasitology, F.V.Sc & A.H., R.S.Pura.
<ul style="list-style-type: none"> • Dr. S A Khandi participated in the National Webinar on How to develop yourself for career (not Job) in Veterinary and Animal Husbandry Domain organized by Livestock innovation, Knowledge and Entrepreneurship Skills (LIKES), Rajasthan University of Veterinary & Animal Sciences Bikaner on 26.09.2020.
<ul style="list-style-type: none"> • Dr. S A Khandi participated in the International Webinar on Cyanide Poisoning organised by Department of veterinary Medicine, University of Veterinary and Animal Sciences, Lahore.
<ul style="list-style-type: none"> • Dr. S A Khandi participated in National Webinar on Doubling the Farmers Income Through Livestock Sector- Prospectus and Potentials, organised by Madars Veterinary College, Chennai on 01 October, 2020.

<ul style="list-style-type: none"> • Dr Pranav Kumar, Assistant Professor attended Training program on “Innovative Ideas for Entrepreneurship Development in Livestock Sector” w.e.f 14-17 September 2020, organised by MANAGE, Hyderabad
<ul style="list-style-type: none"> • Dr Pranav Kumar, Assistant Professor attended “Entrepreneurship & Market Led Extension for Livestock Development” organised by Livestock Innovation, Knowledge & Entrepreneurship Skill Cell (LIKES) CVAS, Bikaner (Rajasthan University of Veterinary and Animal Sciences Bikaner) on 03/11/2020.
<ul style="list-style-type: none"> • Dr Pranav Kumar, Assistant Professor participated in the “National Web Conference on “Sustainable Fodder Production for Improving the Livelihood of Small and Marginal Farmers”” organized by Bihar Agricultural University, Sabour, Bhagalpur held on 26 November, 2020.
<ul style="list-style-type: none"> • Dr Pranav Kumar, Assistant Professor attended webinar on 29th November, 2020 organised by Entrepreneurship Development Cell (EDC) UIET, Punjab University
<ul style="list-style-type: none"> • Dr Pranav Kumar, Assistant Professor attended International E- Conference on Agricultural & Biological Sciences “I-E-CABS-2020” w.e.f 18th -19th December, 2020 organized by Society of Bioinformatics & Biological Sciences and Applied Research Development Organization
<ul style="list-style-type: none"> • Dr Pranav Kumar, Assistant Professor attended 2nd International Extension Education Conference (IEECBH2020) on Role of NGOs in Extension Services: Opportunities and Challenges” w.e.f December 27-30, 2020 in virtual mode organized by Department of Extension Education, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi
<ul style="list-style-type: none"> • Dr. Ankur Sharma and Dr.Pankaj Gupta of this division attended online International Seminar on Diagnostic Veterinary Pathology organized by Department of Veterinary Pathology, Madras Veterinary College, Chennai -600007 on 12/09/2020.
<ul style="list-style-type: none"> • Dr. Ankur Sharma, Asstt. Prof. attended webinar on “Diagnosis and Management of Equine Colic Challenges” on 1st November, 2020 organized by college of Veterinary Sc. & A.H.Navhari, Gujarat.
<ul style="list-style-type: none"> • Dr. Ankur Sharma, Asstt. Prof. attended webinar on” The Entrepreneurial challenges of a Rural environment” on 29th Nov. 2020 organized by GCET, Jammu.
<ul style="list-style-type: none"> • Dr.Pankaj Gupta, Dr. Ankur Sharma and Dr. Priyanka Pandey (Ph.D. student) attended one day clinical –cum-awareness camp organized under DBT project (Div. VPB) at Panjgrain, Nagrota, Jammu on 09-12-2020.
<ul style="list-style-type: none"> • Dr.H.R.Bhardwaj, Dr. D.K. Dwivedi, Dr. Ankur Sharma, Dr. Pankaj Gupta attended two days International Conference (Wild Con) on Insight into wildlife conflicts, rescue and rehabilitation : Challenges and Opportunities for conservation & 14th Annual Convention of Association of Indian Zoo and wildlife veterinarians (AIZ&WV) w.e.f 18-19 Dec. 2020 organized by Wildlife Research & Training Center, Gorewada, Nagpur
<ul style="list-style-type: none"> • Dr. Pankaj Gupta and Dr. Ankur Sharma attended two days XVI National online Conference 2020 for Women Veterinarians on Sustainable Contribution of Atmanirbhar Women Veterinarians in Enrichment of Production Potential in Livestock through Application of Modern Technologies w.e.f. 9 & 10 December, 2020 organized by COVAAS Parbhani (MAFSU, Nagpur).

<ul style="list-style-type: none"> • Dr. Ankur Sharma attended International Webinar on " Zoonotic Diseases and Novel Approaches in Worm control" on 24.09.2020 organized by SKUAST-Jammu
<ul style="list-style-type: none"> • Dr. Ankur Sharma attended Webinar on Anterior Lamellar Keratoplasty on 11-12-2020 organized by Moria Education community, "Invivox Paris".
<ul style="list-style-type: none"> • Dr.M.M.S.Zama attended International Webinar on "Antibiotic resistance: A menace in management of mastitis" organised by SKUAST-Jammu in collaboration with Association of Mastitis on September, 10, 2020.
<ul style="list-style-type: none"> • Dr.M.M.S.Zama attended Webinar on "Orthopaedic examination and common pathologies of hind limb in small animals" organised by Indian Society for Veterinary Surgery in technical support with LLRUVAS, Hisar on September, 19, 2020.
<ul style="list-style-type: none"> • Dr.M.M.S.Zama attended Webinar on "Minimally invasive surgical treatment of chylothorax" organised by Indian Society for Veterinary Surgery in technical support with LLRUVAS, Hisar on September, 25, 2020.
<ul style="list-style-type: none"> • Dr.M.M.S.Zama attended International Webinar on "Care, management and welfare of Marine mammals and bears" organised by Wildlife Research and Training Centre, Gorewada, Nagpur on November, 22, 2020.
<ul style="list-style-type: none"> • Dr.M.M.S.Zama attended webinar in TANUVAS-Global Veterinary Clinical Pathology organized by Centralized Clinical Laboratory I of Clinics, Tamil Nadu Veterinary and Animal Sciences University, Madaras Veterinary College Campus, Chennai on 16th December, 2020.
<ul style="list-style-type: none"> • Dr.H.R.Bhardwaj participated as delegate in the TANUVAS-Global veterinary large animal sciences webinar series -2020 on "REPRODUCTIVE ULTRASONOGRAPHY IN MARES AND STALLION" organized by veterinary university peripheral hospital, Directorate of clinics, Tamil Nadu Veterinary and animal Sciences University, Chennai-51, Tamil Nadu. India on 06-11-2020
<ul style="list-style-type: none"> • Dr.H.R.Bhardwaj participated as delegate in the TANUVAS-Global veterinary large animal sciences webinar series -2020 on "MEDICAL MANAGEMENT OF COLIC IN HORSES" organized by veterinary university peripheral hospital, Directorate of clinics, Tamil Nadu Veterinary and animal Sciences University, Chennai- 51, Tamil Nadu. India on 07-11-2020.
<ul style="list-style-type: none"> • Dr.H.R.Bhardwaj participated as delegate in the TANUVAS-Global veterinary large animal sciences webinar series -2020 on "Modulating adipose tissue function in periparturating cows " organized by veterinary university peripheral hospital, Directorate of clinics, Tamil Nadu Veterinary and animal Sciences University, Chennai- 51, Tamil Nadu. India on 07-11-2020
<ul style="list-style-type: none"> • Dr.H.R.Bhardwaj participated as delegate in the TANUVAS-Global veterinary large animal sciences webinar series -2020 on "ABDOMINAL ULTRASONOGRAPHY IN HORSES" organized by veterinary university peripheral hospital, Directorate of clinics, Tamil Nadu Veterinary and animal Sciences University, Chennai- 51, Tamil Nadu. India on 08-11-2020.
<ul style="list-style-type: none"> • Dr. R. K. Bhardwaj, Assistant Professor participated in the Training Program on "Contemporary Approaches for Sustainable Livestock Farming in Hilly Areas" organised during 20-23 October 2020 by MANAGE, Hyderabad organised in collaboration with SKUAST, Jammu.

6.6.5.3. Incentives for Excellence/Faculty Recognition

The University is given due recognition for their excellence in three of the major mandates namely; academics, research and extension achievements. Some of the major initiatives taken by the University to provide incentives to Faculty in terms of their excellence and recognition is discussed below:

Best Teacher Award

The University has inducted 'Best Teacher Award' for the faculty, based on set profomra. The award is finalized by constituting a committee, comprising of Deans & Directors of the University. The feedback of students obtained is also given due consideration for finalization of teacher as recipient of 'Best Teacher Award'.

Star Scientist Award to best researcher

The University has also inducted 'Star Scientist Award' for best researcher. The criteria for conferring the award who received externally funded project worth Rs. 1 crore or more. More than five scientists of the University from diferent faculties have already got this award. during the celebration of Foundation Day of SKUAST-Jammu on 20th September.

S. No.	Name of Scientist	Office
2020		
Dr. R.K.Salgotra	Professor	School of Biotechnology
Dr. Neelesh Sharma	Asstt. Prof.	Division of Veterinary Medicine
Dr. Anish Yadav	Professor	Veterinary Parasitology
2021		
Dr. Vikas Abrol,	Assoc. Professor,	Soil Science & Agri. Chemistry
Dr. R.K.Gupta,	Professor	Division of Entomology
Dr. Rajiv Singh	Professor	Division of Veterinary Medicine

Best Extension Scientist Award

The University has conceived 'Best Extension Award' for scientists working in Krishi Vigyan Kendraas under the administrative control of SKUAST-Jammu. Two extension awards, one each for male as well as female scientist is being provided for their efforts in agricultural extension.

S. No.	Name of Scientist	Office
2020		
Dr. Banarsi Lal	SMS (Agril. Extension)	KVK Reasi
Dr. Sheetal Badyal	SMS (Home Scieence)	KVK Jammu

Financial incentives for researchers

The University provides financial incentives to all the scientists winning competitive grants through external funded projects. An incentive of 5% of total research grant is provided to research team, including Principal Investigator and Co-Principal Investigators. The incentives are provided by the university, out of its own resources to recognize the contribution of researchers for bringing external funding through research projects.

6.6.5.4. Capacity Buildings and Trainings

Several programmes have been initiated by all the faculties of University towards developing and strengthening skills, instincts, abilities, processes and resources required for surviving, adapting, and thriving in the fast-changing agricultural scenario. The details of capacity building events organised by the university are given below:

S. No.	Particulars	Number of programmes	Total participants
1.	Symposia/ congress/ Seminar	07	1703
2.	Workshops / Summer/ winter/ short courses	08	146
3.	Special lectures	09	200
4.	Extension fairs	22	4200
5.	Farmers Trainings	78	1350
6.	International Webinar	1	300
7.	International Conference	1	495

Some of the important conferences / training programmes organised by different faculties are mentioned below:

Faculty of Agriculture

- Ten days National Training Programme on “Plant tissue culture techniques in quality planting material production and crop improvement” w.e.f. 1-10, September, 2016 at School of Biotechnology, SKUAST-J.
- Brainstorming workshop on Climate Change and its impact on Hill Agriculture organised on 8th December, 2016.
- Brainstorming workshop on “Status and strategies for management of stripe (yellow) rust of wheat” organised on 14th December, 2016.

- XIX Annual Conference of the Society of Statistics, Computer and Applications 'Statistics and Informatics in Agricultural and Allied Sciences at SKUAST-J, Chatha, Jammu w.e.f. 6-8th March, 2017.
- One day Basmati Workshop on “Quality Improvement in Production of Basmati Rice for Export” on 30th May, 2017.
- Ten days training programme on ‘Advanced Techniques and Tools for Functional Genomics in Crops’ w.e.f. October, 04-13, 2017 at School of Biotechnology, SKUAST-Jammu
- Two days International conference on “Recent trends in Bioinformatics and Biotechnology for Sustainable Development” on 12th to 13th October 2017.
- Two days National conference on “Impact of Agricultural technologies in enhancing growth and income” organised in collaboration with Maharashtra Society of Agricultural Economics on 23-24th October, 2017.
- Ten days training programme on ‘Advances in Climate Resilient Soil Management for Sustainable Hill Agriculture’ w.e.f. 01-10 November, 2017 organised by Division of Soil Science & Agrl. Chemistry, SKUAST-Jammu sponsored by Agricultural Education Division, Indian council of Agricultural Research.
- National Symposium on “Ecologically Sustainable Plant Disease Management under Diversified Farming Situation” organised in collaboration with Indian Phytopathological Society, New Delhi on 13-14th November, 2017.
- 1st National conference on “Innovative Technological Interventions for Doubling Farmers Income (NACITI-2018)” organised in collaboration with Society for Integrated Development of Agriculture, Veterinary and Ecological Sciences (SIDAVES) w.e.f. 8th to 10th February, 2018.
- Seminar on ‘Recent Packaging and Logistics of Fresh and Processed Foods’ on 20-21 July 2018.
- Technical Seminar on ‘Mushrooms for Regional Food Security on 14th September, 2018.
- ICAR sponsored Five days National Seed training Programme on ‘Quality Seed Production Technology in Cereal Crops’ w.e.f. October, 22-26, 2018 at ICAR-Mega Seed Project, Directorate of Research, SKUAST-J in collaboration with NSR&TC, Varanasi & ICAR Mega seed project at SKUAST-Jammu.
- National Seminar on ‘Smart Technologies to Boost Farm Profitability and Socio-Economic Status of Rural India’ in collaboration with RASSA w.e.f. November, 19-20, 2018.
- Two days National Conference on “Women Empowerment through Agro-entrepreneurship for Livelihood Security (WE -2019)” in collaboration with SIDAVES w.e.f. 7th -8th, Feb, 2019.
- XIV Annual convention of the Indian Society of Animal Genetics and Breeding (ISAGB) & national symposium at SKUAST-Jammu w.e.f. 29th - 30th May, 2019.

- 5th J&K Agriculture Science Congress on “Climate Change Management for Sustainable Agriculture, Livestock Farming and Ecological Development” on 8th to 10th August 2019.
- One day programme on ‘Assembly and use of foldscope’ at F.V.Sc & AH, SKUAST-J, R.S. Pura on 6th September 2019.
- ICAR sponsored 10 days ICAR sponsored Short Course training programme on: “Recent Advances in Production of biofertilizers and biopesticides” w.e.f. 13-22nd November, 2019 at Advance Centre for Horticulture Research Udheywall, SKUAST-Jammu.
- Ten days training programme on ‘Conservation agricultural practices for enhancing productivity and resource use efficiency in major cropping system’ w.e.f. 04-13th February 2020 at Division of Agronomy, Faculty of Agriculture SKUAST-Jammu.

Faculty of Basic Sciences

- National workshop on orientation of scientists and teachers of school, college and University of Foldscope microscopy on Dec 4th, 2018 organised by DBT, GOI at SKUAST-J.
- One day training programme on “How to remain happy and handle stress positively” on 14th June, 2019 in SAMETI-J, SKUAST-J.

Faculty of veterinary Sciences & AH

- National Conference on: Technological Interventions for Sustainable Livestock Production organised in collaboration with SVAHE on April, 10-12, 2017.
- Seven days training programme on ‘Sustaining agricultural and live stock productivity in the scenario of Climate Change’ w.e.f. 29th August to 4th September, 2017.
- International Webinar on "Antibiotic resistance: A menace in management of mastitis" organised by SKUAST-Jammu in collaboration with Association of Mastitis on September, 10, 2020.
- International Webinar on “Zoonotic Diseases and Novel Approaches in Worm Control” Organized by FVSc & AH, SKUAST-J, Jammu on 24th September, 2020.
- Four Days Online Training Programme on “Contemporary approaches for sustainable livestock farming in hilly areas” w.e.f. 20th to 23rd October, 2020 at SKUAST-Jammu in collaboration with MANAGE, Hyderabad.

The details of capacity building and trainings attended by the scientists of different faculties in other organizations during 2016 to 2021 are given as Annexure V.

6.6.6. Student Development

The activities related to student development carried out in in SKUAST-Jammu w.e.f. 2016 to 2021 are disussed as below:

6.6.6.1. Scholarships/Stipend

Award of merit scholarship

The merit scholarships are awarded to the bonafide students of She-e-Kashmir University of Agricultural Science & Technology of Jammu in UG and PG programmes every year.

Eligibility

- a) The merit scholarship is awarded to the UG / PG students after admission of the students from the beginning of academic year on the basis of marks obtained in SKUAST-J CET, on basis of which admission was made. For subsequent academic years of a programme merit obtained by the students in previous academic year shall be considered for award of scholarship. Overall Grade point obtained in preceding academic year in case of UG and PG students should be 7.00 /10.00 and 7.5/10.00, or above, respectively, for consideration of scholarship.

The programme wise number and value of merit scholarships available to the students is given as below

Programme	Value of Scholarships per month	Number of Scholarships
B.Sc. (Hons.) Agriculture & / B.Tech. Biotechnology (4 years programme)	Rs. 800	One scholarship in each batch/class for the first 10 students and one additional scholarship for every 10 additional students or part thereof.
B.V.Sc. & A.H. (5½ year programmes)	Rs. 800	One scholarship in each batch/class for the first 10 students and one additional scholarship for every 10 additional students or a part thereof.
M.Sc./ M.V.Sc./ M.Tech./ MBA (2 years programme)	Rs. 1200	One scholarship in each batch/class in each division for the first 10 students and one additional scholarship for every 10 additional students or a part thereof.
Ph.D. (3 years programme)	Rs. 1200	One scholarship in each batch/class in each division for the first 10 students and one additional scholarship for every 10 additional students or a part thereof.

6.6.6.2. Extra and Co-curricular Activities

The university came into existence in 1999 since then it is trying to develop the sports and co-curricular facilities. The university organizes inter-class, annual sports tournaments at both the campuses. Moreover, students of the university also participate regularly in the inter- varsity youth festivals. The students showing distinction in various academic and co-curricular activities at various levels are given prizes during university functions like annual day celebrations. The co-curricular activities are coordinated by Deputy Director Students Welfare (DDSW) till 2018-19 under the Directorate Education and Dean Students' Welfare (DSW) since January, 2019. Presently, all the sports, extra and co-curricular activities of SKUAST-J are originated under the supervision of Dr. Rajesh Katoch, DSW and Dr. Akhil Gupta for Faculty of Agriculture (FoA), Chatha and by Dr. Ankur Rastogi, Nodal Officers DSW for Faculty of Veterinary Sciences & Animal Husbandry (FVSc. & AH), R.S. Pura. The staff strength of DSW office is as given below:

- Two Physical Instructors
- Five part-time Hostel Wardens (Three female and two male).
- Head Assistant and ACT.
- OCC and Unskilled labour

The year wise major achievements of the students in sports and co-curricular activities are enlisted below:

Year: 2016-17

The major achievements of SKUAST-Jammu in terms of organizing and participation in sports and co-curricular activities in the year 2016-17 are summarized as below:

20th All India Inter-University Youth Festival (REVERIE RESURGENCE-2016)

A three days fest was organized by the students' council of NDRI, Karnal Haryana w.e.f. 11 to 13th April, 2016 in which a team comprising of 25 students from Faculty of Agriculture, Faculty of Veterinary Sciences & AH, Faculty of Basic Sciences and School of Biotechnology represented SKUAST-Jammu in various individual and team events. The team was accompanied by two teacher's Dr Moni Gupta and Dr Sachin Gupta as Contingent In-charge and Team Manager, respectively.

The cultural troupe of SKUAST-Jammu brought laurels by excelling in individual and team events. The various prizes won by the squad members of SKUAST Jammu in student in REVERIE RESURGENCE-2016 are presented below:

Event	Name of winner	Position in Event
Mime	Surbhi, Rashika, Lakshmi, Ayushi, Qamar and ManmeetKour	1 st
Calligraphy	Japneet	1 st
Poetry	ManmeetKour	1 st
Ship wreck	Amandeep Singh	2 nd
Extempore	Pranay Salathia	2 nd
Spell Bee	Amandeep Singh & Pranay Salathia	2 nd
Story Writing-	Japneet	2 nd
HotchPotch	Amandeep Singh, HarminderKour, Qamar	2 nd
One act play	Amandeep, Jopendeep, Qamar, Ubair, Harshveer, Harminder, Surbhi	2 nd
Skit	Harminder, Surbhi, Amandeep, Harshveer, Pranay Salathia, Jopendeep, Qamar	2 nd
Singing (Solo western)	Karman	2 nd
Singing (Patriotic group)	Karman, Shalu, sutikshen, Ubair, Jopendeep	2 nd
Singing (Duet western)	Karman & Ayushi	2 nd
Dance (Western group)	Rashika, Jigmet, Andleeb, Ekta, Anjusha, Laksmi, Gishali	2 nd
Choreography	HarminderKour, Rashika, Viplove, Lakshmi, Gishali, Jigmet, Ubair	2 nd
Dance (Folk group)	Amandeep, Harminder, Jigmet, Ubair, Viplove, aishwarya, Jopen, Ekta	2 nd
Dance (Classical duet)	Viplove, Aishwarya	2 nd
Spot Painting & Clay Modeling	Aastha	2 nd
Dumb charades &Antakshri	Ekta, Ayushi, Aastha, Maneet, Pranay, Viplove, Surbhi, Karman	2 nd

The major achievements of the students in sports and co-curricular activities in the year 2017-18 are given below:

ALL INDIA AGRI UNIVERSITY FEST 'REVERIE 2018'

SKUAST-Jammu got **1st position and is winner in All India Agri University Fest 'Reverie-2018'** hosted by ICAR-NDRI, Karnal w.e.f. 23rd - 25th March, 2018. A team of SKUAST-Jammu comprising of 26 students (including 17 girls and 9 boys) and 2 team-leaders from different faculties of the University participated in the event. Seven teams from five different states competed in 33 events in the categories such as literary, fine arts, music, dance, theatre, etc. The participated teams were from National Dairy Research Institute, Karnal; Indian Veterinary Research institute, Bareilly; Indian Agricultural Research Institute, New Delhi; Deendayal Upadhyay Veterinary and Animal Sciences University, Mathura; College of Dairy Technology, Pusad and Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani, besides SKUAST-Jammu.

Students of SKUAST-Jammu participated in all 33 events and were adjudged first in six; second in eleven and third in four events, earning a total of 21 awards. The team performed exceptionally good in literary category. On the basis of overall performance of the university team in different events, the team was adjudged Best among the participating University and was presented with '**Overall Champions Trophy**' of the Reverie – 2018. The trophy was presented by Dr. N.S. Rathore, DDG (Education), Division of Agricultural Education, ICAR, New Delhi. DUVASU, Mathura lifted the runners up trophy. The team was led by Dr. Akhil Gupta as DDSW and Dr. Ankur Rastogi and Dr. Pratiksha Raghuwanshi as Contingent Incharge and Manager, respectively.



आवर्षिक 1st प्रस्तुति की अवसर पर

शेर ए कश्मीर यूनिवर्सिटी जम्मू बनी ओवरऑल चैम्पियन

जम्मू, 25 मार्च (एनटी): शेर ए कश्मीर विश्वविद्यालय में 23 से 25 मार्च तक आयोजित 'रेवरी-2018' का समापन कार्यक्रम हुआ। इस अवसर पर शेर ए कश्मीर विश्वविद्यालय की टीम ने 'ओवरऑल चैम्पियन' का खिताब जीता।

विकासकला और केंद्रों के बीच का संबंध

शेर ए कश्मीर विश्वविद्यालय की टीम ने 'ओवरऑल चैम्पियन' का खिताब जीता।

युवा महोत्सव का समापन जम्मू यूनिवर्सिटी बनी ओवरऑल चैम्पियन

जम्मू यूनिवर्सिटी ने 'ओवरऑल चैम्पियन' का खिताब जीता।

शेर ए कश्मीर विश्वविद्यालय की टीम ने 'ओवरऑल चैम्पियन' का खिताब जीता।

जम्मू यूनिवर्सिटी ने 'ओवरऑल चैम्पियन' का खिताब जीता।



Participation of SKUAST-J Team in All India Agri University Fest 'REVERIE-2018' held at ICAR-NDRI, Karnal from 23-25 March, 2018

The various prizes won by the squad members of SKUAST Jammu in student in REVERIE RESURGENCE-2018 are presented below

Event	Name of Winner	Position
LITERARY EVENTS		
Shipwreck	JhanzaibSirwal	Second
Debate	Anmol Anil, PraneySlathia	-
Extempore	JhanzaibSirwal, Viplove Sudan	Second
Hotch Potch	PraneySlathia, Akash Jaggi, Surinder Dutta	Third
Spell bee	Anmol Anil, PraneySlathia	First
Wordsworth	Anmol Anil, Nisha Bharti	First
Story	Abu Imran Niazi	Second
Poetry	Sania Ajaz Khan, ManmeetKour	-
Antakshari	Abu Imran Niazi, Payal Raina, Aanvi Khajuria	-
Quiz	Viplove Sudan, PraneySlathia, Anmol Anil	Third
Dumbcharades	Payal Raina, ManmeetKour, GursheenKour	-
Treasure hunt	Viplove Sudan, Abu Imran, Shivangi Bhardwaj	First

FINE ART EVENTS		
Painting	Pradeepta Mahajan	-
Poster	Akanksha Sharma	Second
Rangoli	Pradeepta Mahajan, Akanksha Sharma, GursheenKour	-
Mehendi	Sania Ajaz Khan	First
Tattoo	Sara Kaushal	-
Collage	Sara Kaushal, Akanksha Sharma, Sania Ajaz Khan	-
Clay modeling	Pradeepta Mahajan	-
MUSIC EVENTS		
Solo Song	Abu Imran Niazi	First
Duet song	Abu Imran Niazi, Aanvi Khajuria	-
Group Song	Abu Imran Niazi, Sutikshan Sharma, Aanvi Khajuria, Koshki Raina, Marvi Khajuria, RashmeetKour	Second
DANCE EVENTS		
Solo dance	Rashika Mahajan	Second
Duet dance	Rashika Mahajan, Payal Raina	First
Group dance Classical	Rashika Mahajan, Payal Raina, GursheenKour, Anamika Sharma, Laxmi Devi, Shivangi Bhardwaj, Viplove Sudan	Second
Group dance Folk	Sugandha Khajuria, Shivangi Bhardwaj, RashmeetKour, Viplove Sudan, Payal Raina, GursheenKour, Rashika Mahajan, Laxmi Devi, Anamika Sharma, Surinder Dutta	Third
Group dance Western	Rashika Mahajan, Payal Raina, GursheenKour, Anamika Sharma, Laxmi Devi, Shivangi Bhardwaj	Third
Theme Choreography	RashmeetKour, Surinder Dutta, Viplove Sudan, Laxmi Devi, GursheenKour, Payal Raina, Rashika Mahajan, Sugandha Khajuria, Anamika Sharma, Shivangi Bhardwaj	-
THEATRE EVENTS		
Mime	ManmeetKour, Rashika Mahajan, Jagjeet Singh, Akash Jaggi, Aanvi Khajuria, Sara Kaushal	Second
Skit	Jagjeet Singh, ManmeetKour, Sania Ajaz Khan, PraneySlathia, JhanzaibSirwal, Surinder Dutta	-
One act Play	Nisha Bharti, Akash Jaggi, JhanzaibSirwal, Sania Ajaz Khan, Jagjeet Singh, Marvi Khajuria, ManmeetKour, Sara Kaushal, Aanvi Khajuria	Second
Mono-acting	Nisha Bharti	Second
SPECIAL EVENTS		
Fashion show	Viplove Sudan, GursheenKour, Abu Imran, Marvi Khajuria, Nisha Bharti, Jagjeet Singh, Surinder Dutta, Sugandha Khajuria, Akash Jaggi, Shivangi Bhardwaj	Second

ICAR- 18TH AIIAU YOUTH FESTIVAL 'AGRI-UNIFEST 2017-18'

ICAR- 18th All India Inter Agricultural Universities Youth Festival (AGRI UNIFEST 2018) was held at Sri Venkateswara Veterinary University (SVVU), Tirupati from 12-16 February, 2018 wherein 53 Universities participated from different states of India. SKUAST Jammu also participated in this mega event with 21 students. SKUAST-Jammu contingent reached Tirupati on 11th February, 2018 and stayed in the hostels of SVV University, Tirupati.

The inaugural session of the Agri Uni-Fest 2018, was held at the university ground on 12 February 2018, followed by procession of all the participating universities where they march past holding their respective flags and banners. Three events i.e. group dance, mono act play and quiz prelims were held on the same day. On second day, there was light vocal, skit, one act play, on spot painting, collage making and elocution events. Similarly other subsequent days of the fest were full of events like patriotic song, poster making, cartooning and debate, group song, mime, clay modelling, rangoli and extempore etc. Our students participated fairly in all the events. On the valedictory session which was held on 16 February 2018, all teams were honoured with certificates for their participation. Our team with 3 staff members and 21 students travelled back from Tirupati to Jammu on 17 Feb 2018 and reached Jammu on 20 Feb 2018.

The performance of SKUAST-Jammu was good and satisfactory. The SKUAST-Jammu team was led by Dr. Akhil Gupta as DDSW at SKUAST-Jammu and Dr. G. K. Rai & Dr Sheetal Dogra as Contingent In-Charge and Team manager, respectively along with Zakir Husain as supporting staff.



SKUAST-Jammu Team in 18th AIIAU Youth Festival on 12 - 16 February, 2018

STATE UNIVERSITIES SPORTS CHAMPIONSHIP AT JU

University of Jammu hosted the six-day 2nd State Universities Sports Championship at Jammu Campus from 22-27 March, 2018. The competition was held in disciplines of volleyball, cricket, table tennis, badminton, basketball and football. The participating teams were from University of Jammu, Jammu; University of Kashmir, Srinagar; SKUAST-K, Srinagar; Central University of Jammu, Jammu; Central University of Kashmir, Srinagar; CIBS, Leh; Islamic University of Science and Technology, Awantipora; NIT, Srinagar; Cluster University of Jammu, Jammu; Cluster University of Srinagar, Srinagar; SMVDU, Katra; SKIMS, Soura; BGSBU, Rajouri and Rashtriya Sanskrit Sansthan, Kot Bhalwal, besides SKUAST-Jammu. The students of SKUAST-Jammu participated in different sports events such as Badminton (M&W), Cricket (M), Basketball (M), Football (M) and Volleyball (M). The SKUAST-Jammu team claimed silver medals in Badminton (Women) in final against University of Jammu team. Furthermore, SKUAST-J team gave a tough competition in Cricket (M) to Central University of Kashmir and in Volley ball (M) to Central University of Jammu. The overall performance of all participating students was good. Prof Jigar Mohammad, Dean Research Studies, University of Jammu was the chief guest on the closing ceremony who awarded trophies to the winners and runners-up teams. The SKUAST-Jammu team was led by Dr. Akhil Gupta as DDSW and Sh Neeraj Gupta & Sh. Kuldeep Manhas as Physical Instructors/Contingent Manager.



SKUAST-Jammu Team in 2nd State Universities Sports Championship

STATE UNIVERSITIES SPORTS CHAMPIONSHIP

The first **1ST State Universities Sports Championship** was held at University of Jammu, Jammu from 3rd to 9th April, 2017 in which students of SKUAST-Jammu participated in activities such as Volley ball (M), Badminton (Men), Cricket (Men) and Table Tennis (Men). The overall performance of SKUAST-Jammu in all activities was good.

INTRA FACULTY SPORTS MEET

The **Intra Faculty Sports Meet** of Faculty of Agriculture, SKUAST-Jammu, Chatha held on 1st to 3rd May, 2017. In this activity various Sports Events were conducted between students of FOA, Chatha such as Cricket, Volley-ball, Football, Badminton, Table Tennis, Shortput, Discuss throw etc.

INTER FACULTY SPORTS MEET

The **Intra Faculty Sports Meet** of Faculty of Veterinary Sciences & Animal Husbandry, R.S. Pura was conducted on 17th-19th May 2017 in which various sports events like Cricket, Volley-ball, Football, Badminton, Table Tennis, Carom, Chess was played by the students at SKUAST-J R.S Pura campus.

ORIENTATION PROGRAMME – 2017

The **Orientation Programme** for newly registered students for the undergraduate courses in SKUAST-J was held from 10th to 11th August, 2017 at Conference Hall Chatha.

NORTH ZONE INTER UNIVERSITY CRICKET (M)

The Tournament was held at Maharishi Dayanand University, Rohtak from 22nd November to 10th December, 2017. SKUAST-Jammu student Cricket Team played very well and lost their last match by 3 runs against Rayat Bara University, Mohali.

VETERINARY FEST SPORTS MEET

The **Veterinary Fest Sports Meet** was held at R.S. Pura Campus from 24th to 30th October, 2017. In this Sports Meet, students of Faculty of Veterinary Sciences & Animal Husbandry, R.S. Pura compete for different sports activities for two days.

AGRIFEST SPORTS MEET

The **Agri Fest Sports Meet** was held at SKUAST- Jammu Chatha from 12th to 14th December, 2017. In this meet, students of Faculty of Agriculture, Chatha, Faculty of Basic Sciences and School of Biotechnology competed in various Sports Events including Physical Fitness.

ALL INDIA VICE CHANCELLOR EMPLOYEE CRICKET CUP

SKUAST-Jammu Employee Cricket Team participated in the 'All India Vice Chancellor Employee Cricket Cup' at Punjab University Patiala from 2nd -16th December 2017.

RURAL SPORTS MEET

The **Rural Sports Meet** held during Kisan Mela at FOA, Chatha from 16th to 17th February, 2018. In this event various teams of Farmers competed in Tug of War Event.

The major achievements of the students in sports and co-curricular activities in the year 2018-19 are discussed below:

ICAR- 19th AGRUNIFEST 2018-19

Students of SKUAST-Jammu participated in "ICAR- 19th AGRUNIFEST 2018-19" held at Sardarkrushinagar Dantiwada Agricultural University, Sardarkrushinagar, Gujarat from 03-07 February 2019. The SKUAST-Jammu team was led by Dr. Hament Dadhich and Dr. Sushmita M. Dadhich. The overall performance of SKUAST-Jammu in all activities was good.



ICAR- XIX ALL INDIA SPORTS & GAMES MEET 2018-19

The students of SKUAST-Jammu participated in ‘XIX All India Inter Agricultural University Sports and Games Meet- 2018-19’ held at Punjab Agricultural University (PAU), Ludhiana from January 02-05, 2019. The overall performance of SKUAST-Jammu in all activities was good.



ORIENTATION PROGRAMME 2018-19

The “Orientation Programme 2018-19” was organized for the Newly Admitted Students for the Academic Session 2018-19 on 08-09 August 2018. A team of SKUAST-Jammu faculty along with administrative staff delivered lectures and provided information about the university. Prof. P.K. Sharma, Vice-Chancellor, SKUAST-Jammu inaugurated the programme, wherein Dr. T.A.S. Ganai (Director Education) welcomed all the students and gave information related to anti ragging regulations. Dr. Sanjay Guleria, Incharge Placement Cell delivered lecture on Soft Skills and Personality Development, whereas Dr. Anil Gupta, Medical Officer, SKUAST-J informed students about health care facilities available and treatment of common health related problems. Dr. Akhil Gupta, DDSW, described student about different welfare activities at university. During the programme, brochure/ pamphlet entitled “**Regulation on Curbing the Menace of Ragging**” was also distributed. Dr Akhil Gupta (DDSW) coordinated the overall programme.

VET FEST- 2018

The Vet Fest 2018 was organized from 31st October to 04th November, 2018 at Faculty of Veterinary Sciences & Animal Husbandry, R.S. Pura. During the Vet Fest, various cultural and sports activities were conducted.

The major achievements of the students in sports and co-curricular activities in the year 2019-20 are discussed below:

NATIONAL SCIENCE DAY – 2020

The “National Science Day – 2020” was organized for students of SKUAST-Jammu at Student Centre and Conference Hall of the University at Chatha from 28th Feb. to 5th March 2020. Dr. Sushmita M. Dadhich and Dr. Akhil Gupta were the coordinator and co-coordinator, respectively.



XX ICAR-ALL INDIA AGRI UNIVERSITIES SPORTS & GAMES MEET

Students of SKUAST-Jammu participated in the “XX ICAR- All India Agri Universities Sports and Games Meet – 2019-20” held at Sri Venkateswara Veterinary University, Tirupati (A.P.) from 01-05 March 2020. The overall performance of SKUAST-Jammu students in all activities was good.



ICAR- 20th AGRUNIFEST- 2019-20

Students of SKUAST-Jammu participated in “20th AGRUNIFEST- 2019-20” at Indira Gandhi Krishi Vishwavidyalaya, Raipur, Chhattisgarh from 08-12 February 2020. The overall performance of SKUAST-Jammu in all activities was good.



ORIENTATION PROGRAMME 2019-20

The “Orientation Programme 2019-20” for the newly admitted students of the Academic Session 2019-20 was organized by Dean Student’s Welfare at SKUAST-Jammu. Brochure/pamphlet entitled “Regulation on Curbing the Menace of Ragging” was also distributed among students during the orientation programme.

150TH BIRTH ANNIVERSARY OF “FATHER OF NATION”

A week long Debate, Painting, and Quiz competition was organized to celebrate 150th Birth Anniversary of “Father of Nation” at SKUAST-J Chatha from 27 Sept.- 02 Oct. 2019.



ABHIVYAKTI- 5TH NATIONAL LITERARY FEST

The students of SKUAST-Jammu participated in the 5th National Literary Fest ‘ABHIVYAKTI’ from 19-20 October 2019 held at Chandigarh University, Chandigarh. Ms. RanjuBalla and Ms. Chakshu Sharma got 3rd Prize in Wordstroke and Calligraphy events, respectively. The overall performance of SKUAST-Jammu in all literary events was very good.

INTERNATIONAL DAY OF YOGA - 2019

The Student welfare section organized and celebrated “*5th International Yoga Day*” on 21/06/2019 at Student Centre, SKUAST-Jammu, Chatha under the supervision of Dr. Rajesh Katoch, Dean Students’ Welfare. Dr. K.S. Risam (Hon’ble Vice Chancellor of the University) inaugurated the event by lighting the lamp and conveyed his message to the students and faculty that the yoga would increase their confidence level and regular practice will enhance self-motivation.

INTERNATIONAL MOTHER LANGUAGE DAY – 2020

The “**International Mother Language Day – 2020**” was organized by the University on 24th February 2020 at Conference Hall, SKUAST-Jammu, Chatha.



VIGILANCE AWARENESS WEEK – 2019

During the “Vigilance Awareness Week” on 30th October, 2019, an ‘**Integrity Pledge programme**’ was organized at Conference Hall, SKUAST-Jammu, Chatha.

SKUAST-J OPEN BADMINTON TOURNAMENT- 2019

“**SKUAST-J Open Badminton Tournament- 2019**” for teaching and non-teaching members was organised at SKUAST-Jammu Chatha w.e.f. 13-14 June, 2019.

Year: 2020-21

The major achievements of the students in sports and co-curricular activities in the year 2020-21 are given below:

COVID-19 AWARENESS CAMP

SKUAST-Jammu officially **implemented SOPs and mandatory regulations to prevent COVID-19 outbreak in the campus**. Dean Student Welfare organized Covid-19 Awareness camp in association with Directorate of Indian Systems of Medicine of UT of J&K where in immune booster Kits were distributed among participants on 29.06.2020 at Conference Hall, SKUAST-J, Chatha.

PROGRAMMES TO PROMOTE GANDHIJI'S THOUGHTS & VALUES

Dean Student Welfare and NSS wing of SKUAST-Jammu organized following programmes to promote Gandhiji's thoughts and values:

i) Virtual debate competition on 1st October:

To commemorate 151th birth anniversary of father of nation Mahatma Gandhi, Deans Student Welfare and NSS wing of SKUAST-Jammu under the able guidance of Hon'ble Vice Chancellor SKUAST-Jammu Prof. J P Sharma, organized a virtual debate competition on "National Education Policy (NEP-2020): Vision For Excellence In Higher Education" on 1st October 2020. In this debate a large number of SKUAST-Jammu students participated and presented their views on new National Education Policy-2020. Dr. Swarandeeep Singh Hundal, Professor, Department of Zoology, PAU, Ludhiana; Dr. P.N. Dwivedi, Professor, Department of Microbiology, GADVASU, Ludhiana; and Dr. Devina Sharma, Assistant Professor, Department of Veterinary Parasitology, CSKHPKV, Palampur were among the panel of judges. Overall programme was supervised and organized by Dr. Rajesh Katoch, DSW; Dr Akhil Gupta, Associate Professor/Nodal Officer (DSW) FoA and Dr. Ankur Rastogi, Nodal Officer (DSW) FVSc. & AH. Ms. Chahat Sharma and Ms. Tanjot were declared winner in the category of 'for and against the motion', whereas, Ms. Rishbha Raina and Ms. Shafali Jeet Kour adjudged as runner up in the same category, respectively. Organizing committee congratulated all the winners and participants of the debate competition. In last post-evaluation, Judges appreciated the efforts and views expressed by the participants. The Chairman of Judging committee expressed views of Mahatma Gandhi of NEP. The other members of organizing committee were Dr. Kamlesh Bali, Dr. Dibendu Chakraborty, Dr. Subhash C. Kashyap, Dr. Arvinder Singh, Dr. Balbir Dhotra, Dr. Aditi Lal Koul, Dr. Sushmita M. Dadhich, Dr. R. Puniya, Dr. Neeraj Gupta, Dr. Nomita Laishram, Dr. Pranav Kumar and Dr. Kowardeep Kour extended their cooperation from different locations of SKUAST-J. NSS students were also actively involved in conducting this programme. The programme ended with vote of thanks by Dr Akhil Gupta, Nodal Officer (DSW), FoA.

ii) Floral tribute to Mahatma Gandhi on 2nd October:

Floral tribute was paid on the occasion of birth anniversary celebrations of Mahatma Gandhi at SKUAST-Jammu. Vice Chancellor, SKUAST-Jammu Prof JP Sharma shared his views through online mode. Dean Students Welfare office along with NSS instructors in "Student Centre" of SKUAST-J conducted the function. Oath for Swachh Bharat was taken by the faculty and students on online and offline mode and Swachh Bharat campaign was initiated in both the campuses.



iii) Plantation drive on 5th October:

Plantation drive was done at Student Centre on 5th October to Promote Gandhiji's thoughts for green India. Dean Students Welfare, NSS Coordinators, faculty members and students actively participated in planting drive and planted sapling around DSW office.



iv) Yoga Camp on 9th October:

The Dean Student Welfare under the able guidance of Vice Chancellor Prof. J P Sharma organized a Yoga camp at Students Centre. In this yoga camp more than 100 faculty members and students participated in different batches. Overall programme was supervised a committee comprising Dr Akhil Gupta, Nodal Officer (DSW), FoA, and SKUAST Jammu, Dr. Kamlesh Bali, Dr. Arvinder Singh, Dr. Balbir Dhotra, Dr. Aditi Lal Koul, Dr. Sushmita M. Dadhich, Dr. R. Puniya. Mr. Neeraj Gupta and Mr. Abhishek Sharma. NSS students were also actively involved in conducting this programme. The programme was ended with vote of thanks by Dr Akhil Gupta, Associate Professor and Nodal Officer (DSW), FoA.



SHIKSHIT BHARAT ACTIVITIES

Under **Shikshit Bharat**, following activities were conducted as per the fundamental duties of the University:

- Distribution of books and copies to children's of '**Slum Area**' at Gadhigarh, Near Chatha
- Distribution of warm clothes, stationary items to '**Bal Ashram**' R.S. Pura
- Distribution of cosmetic and sanitary pads to '**Nari Niketan**' R.S. Pura



Distribution of Books, copies to Children's of 'Slum Area' at Gadhigarh



Distribution of Study material along with winter clothes to orphanage, R.S. Pura

PLANTATION & SANITATION DRIVE OON INDEPENEDENCE DAY

A planation and cleanliness drive in and around the office of Dean Student Welfare and hostels were organized on 15th August at SKUAST-J.



BIRTH ANNIVERSARY OF FATHER OF NATION, MAHATMA GANDHI

A week-long birth anniversary of Father of Nation, Mahatma Gandhi was celebrated through Virtual debate competition on 1st October 2020; Floral tribute to Gandhi on 2nd October 2020; Plantation drive on 5th October 2020, and Yoga Day on 9th October 2020.

INAUGURATION OF BUILDINGS BY HON'BLE LT. GOVERNOR, UT OF J&K

Inauguration of staff quarters, Ujala Hostel (62 Single Seated Rooms) and Oxygen Beds in Health Centre, Chatha, Campus had been done during the visit of Hon'ble Lieutenant Governor of J&K and Chancellor of SKUAST-Jammu on 27.07.2020.



CELEBRATION OF WORLD FOOD DAY 2020

The **World Food Day 2020** was celebrated on 16th October 2020 at SKUAST-Jammu, Chatha. The programme was organized by Dr. Rajesh Katoch, DSW and Dr Akhil Gupta, Nodal Officer (DSW), Faculty of Agriculture.



CELEBRATION OF AGRICULTURE EDUCATION DAY 2020

The Dean Student Welfare section of SKUAST-Jammu celebrated Agricultural Education Day 2020 at Baba Jitto Auditorium, SKUAST-J, Chatha on 03rd December 2020. Shri Talat Parvez Rohella, Commissioner/ Secretary, Higher Education, Government of Jammu and Kashmir was Chief Guest on the occasion. Madam Anuradha Gupta, Director School Education, Jammu and Professor M.Y. Peerzada, Director Colleges were Special Guests on the occasion. The programme started by lightening the traditional lamp. Professor J.P. Sharma, Vice Chancellor, SKUAST-Jammu delivered a lecture on Agriculture Education and Career Opportunities. He appreciated the untiring efforts of farmers, agriculture scientists and policy

makers for the growth of agriculture during difficult time of Corona pandemic to ensure that every citizen of country gets three times food on daily basis. He briefed that agriculture is a broad science that starts from study of ground water to weather components like rainfall, humidity and precipitation. He said that horticulture sector is backbone of J&K economy with 1200 crore yearly turnover. He also presented the success stories of Padamshree farmers who had opted agriculture as career and excelled in their mission. Shri Talat Parvez Rohella, Commissioner/ Secretary, Higher Education, Government of Jammu and Kashmir while appreciating the lecture of Professor J.P. Sharma said that the presentation was eye opener for the audience as it encompassed the various areas of entrepreneurship development in agriculture and allied vocations. He said that farmers in J&K should practice value addition. He said that under the target of NEP 2020, our colleges need to be converted into multidisciplinary institutes. He informed that various vocational programmes will be started in the colleges where the students undergoing these programmes will be awarded advanced certificate and degree programmes under the mentorship of SKUAST-Jammu. He thanked SKUAST-Jammu for accepting collaborations with higher education, Government of J&K in running skill development courses which in future will deliver providers rather than job seekers. All the statutory officers of the University, Head of the Divisions, KVK's Faculty members, Principals of different colleges of Jammu region and students of Government Higher Secondary School, Bhour Camp, Army School Kalu Chak and SKUAST-Jammu attended the programme maintaining social distancing norms. At the outset, Dr. Akhil Gupta welcomed the dignitaries and audience. The programme ended with vote of thanks by Dr. Rajesh Katoch Dean Student Welfare.



NEW YEAR CELEBRATIONS 2021

The New Year 2021 was celebrated at Baba Jitto Auditorium, SKUAST-J, Chatha on 01st January 2021 under the Chairmanship of Prof. J.P. Sharma, Hon'ble Vice Chancellor. The programme was organized by Dean Student Welfare, SKUAST-Jammu.



CELEBRATION OF INTERNATIONAL WOMEN'S DAY

Keeping in view the restrictions of COVID-19 pandemic, the '**International Women's Day**' was celebrated on virtual platform on 8th March, 2021. A series of lectures was organized to mark the celebration of achievements of women in the society.



CELEBRATION OF LIVE MUSIC ENTERTAINMENT PROGRAMME

A "Live Music Entertainment Programme" was organized under Horizon Series on 23rd December 2020 at Baba Jitto Auditorium, SKUAST-J, Chatha. The programme was organised in collaboration with Indian Council of Cultural Relations (ICCR), Jammu. A number of artists from Jammu and Kashmir performed various musical activities during the programme.

CELEBRATION OF NATIONAL VOTERS DAY

To commemorate the National Voters Day 2021, a webinar on 'Role of youth in nation building' was organised by Dean Student Welfare and NSS Unit using virtual mode. During the programme, a pledge taking ceremony was also held to make youth and first-time voters aware about casting their votes on voting days and to feel them realize the power of one vote. The invited speaker Manjula Sularia a leading soft skill speaker and Director Prasanchetas Foundation and a renowned woman entrepreneur of north India made a presentation and spoke

about various aspects by which youth can contribute toward the nation building. NSS students of Faculty of Agriculture main campus Chatha and Veterinary Sciences and Animal Husbandry RS Pura participated in the event. The programme was coordinated by Dr. Subhash C Kashyap.



CELEBRATION OF ROAD SAFETY MONTH

SKUAST-Jammu celebrated 'Road Safety Month 2021' to aware students and staff about the safety measures to be followed on roads. The programme was organised on 15th February 2021 at Baba Jitto Auditorium of SKUAST-Jammu in collaboration with the Office of Traffic Police, Jammu.



ORGANIZATION OF CULTURAL PROGRAMME ON

A cultural programme was organized on 23rd February, 2021 at Baba Jitto Auditorium during the eve of inauguration of Innovative Farmers' Conference (IFC-2021) at SKUAST-Jammu.

CELEBRATION OF NATIONAL SCIENCE DAY

The 'National Science Day 2021' was celebrated on 28th February 2021 at Baba Jitto Auditorium. Dr. R.C. Agrawal DDG, Education ICAR was the Chief Guest of the programme and Dr. Sudershan Kumar Ex. DG, DRDO was the Guest of Honour. Besides, the presentations by Chief Guest and Guest of Honour, Prof. J.P. Sharma, Hon'ble Vice Chancellor, SKUAST-Jammu also briefed about the University activities related to research in agricultural sciences.

RURAL SPORTS AND CULTURAL PROGRAMME

Rural Sports and Cultural Programme were organized daily during five days Kisan Mela held at SKUAST-Jammu w.e.f. 16-20 March 2021.





6.6.6.3. Health Insurance

The health insurance is not provide by the University. However, all the efforts have been made to make students and faculty aware about the health insurance and other programmes in context of managing health related issues.

Medical facilities are available to the staff and students in the University through two Health Centres at both the campuses of the University, i.e., Faculty of Agriculture, Chatha and Faculty of Veterinary Sciences & AH, R.S. Pura. Two full time Medical Officers along with paramedical Staff are available to ensure Health care facility to the Students & Staff. Dental services are being provided twice a week by visiting Dental Surgeon at Chatha, Campus. Physiotherapy services are available at Chatha, Campus by a full-time physiotherapist. Clinical laboratory tests (Biochemistry, Hematology& routine urine tests) are done in the Health Centre, free of cost to the Students & Staff. Three bed indoor facilities at Chatha, Campus & two bed indoor facilities at R.S. Pura, Campus are available for emergency treatment at Health Centres. Highly sick patients are referred to higher Medical Centres for which one ambulance each is available at Chatha and R.S. Pura with 24 hours driver facility. Recently two bed oxygen facility has been started at Chatha, Campus in view of Covid-19 Pandemic. On an average, 3500 Patients are being treated at both the centres annually. The staff strength of health centres is presented below:

S. No.	Name of Post	No. of Posts
1	Medical Officer	01
2	Lady Medical Officer	01
3	Medical Assistant	02
4	Physiotherapist	01
5	Driver	02
6	Lab. Technician (Highly Skilled)	01
7	Medical Asstt. (Highly Skilled)	01
8	OCC	01
9	Helper	01
10	Dental Surgeon (twice a week)	01
11	Unskilled Daily Wager	02

All students of SKUAST-Jammu are covered under health insurance. In brief Health Insurance for students implemented in SKUAST-J includes Group Health Insurance (GHI) of Rs. 3.0 Lakhs and Group Personal Accidental (GPA) of Rs. 1.5 Lakhs with a premium @ Rs. 1114/student/year.



MEDICAL-CUM-HEALTH CHECKUP CAMP 2018

A one day free “*Medical-cum-Health Checkup Camp*” was organized by Dr. Akhil Gupta, DDSW, SKUAST-J in collaboration with JK Insurance Marketing Pvt. Ltd., Star Health Insurance and Shri Mata Vaishno Devi (SMVD) Narayana Superspeciality Hospital at Health Centre, SKUAST-Jammu on 25.05.2018. Large no. of students and faculty members participated during the camp for health check-up.



INTERNATIONAL DAY OF YOGA - 2018

The 4th International Yoga Day was organized at Student Centre, SKUAST-Jammu, Chatha on 21/06/2018. All the staff members and students of SKUAST-J shared their experiences with each other. During the event, films related to yoga practices and prayers were also displayed. Dr. Akhil Gupta (DDSW, SKUAST-Jammu) coordinated the event.



6.6.6.4. Sports and Cultural Facilities

Since the inception of the university in 1999, efforts have been made towards development of the infrastructure for co-curricular activities. At present a sports complex, Gym and student centre are functional to cater the needs of sports and cultural facilities as discussed below:

Cultural Facilities

A student centre with facilities for yoga, music instrument and a recreation hall exists in the main campus of the university at Chatha. A cafeteria (Annapurna) is also located in the Student Centre. There is also one canteen each at R.S. Pura campus and main campus Chatha of the university. Following cultural facilities are available for SKUAST-J students:

- A covered stage and an open-air space for seating of audience are available at RS Pura.
- For literary activities a conference hall with capacity of 400 plus and mini hall with capacity of 60 persons is available both at RS Pura campus and Chatha Campus.
- A small conference hall has been made functional at main campus Chatha with a seating capacity of 250.



Sports Facilities

The following sports facilities are available at both the campuses for students of SKUAST-Jammu:

- Facilities for indoor games and gymnasium at both the campuses.
- The indoor and outdoor facilities in Chatha campus are housed separately in the Sports Complex.
- In addition to the indoor games facilities, Sports Complex has the amenities for playing Basket Ball, Volley Ball, Lawn Tennis and Badminton.
- One play ground with approximate 120 m × 100 m dimensions is located at RS Pura campus.
- The sports ground at RS Pura has provision for football, cricket pitch (with mat), hockey field, one volley ball court and a badminton court.
- Athletics equipment including gymnasium are available in both the campuses.
- The development of playground at Chatha near Sports Complex and R.S. Pura is under process.



Cultural Facilities

University has one modern Auditorium named Baba Jitto Auditorium and one Conference Hall with capacity of around 1000 and 500 seating capacity, respectively for organising various cultural activities.



Baba Jitto Auditorium



Conference Hall, SKUAST-Jammu

6.6.6.5. Student Counseling and Placement Cell

The Counselling & Placement Cell has been created for the overall development of the students through creating opportunities for them to interact with the experts in the different fields and conducting training programmes for their personality development through specialized lectures on resume making, communication skills, and how to face the interview etc. Another major mandate of the Counselling & Placement Cell is to forge liaisons with the industry for campus placement and guidance to the students. The students are also guided for admission to higher studies, competitive and national fellowship examinations.



Counseling and Placement Cell



Hi-tech Conference Hall of Counseling and Placement Cell

Main activities of counseling and placement cell during last five years are as:

1. Maj. Gen. (Retd.) M.L.Sharma, CEO, BROOKE India delivered a Lecture on 22.09.2016 at Faculty of Veterinary Sciences & Animal Husbandry, R.S.Pura.
2. Dr. KavitaSuri, Director, Department of Lifelong Learning, University of Jammu and Member, J&K State Women Commission delivered a Lecture on 17.11.2016.
3. The officials of J&K Bank Ltd. delivered a Lecture on Cashless transactions on 03.02.2017.
4. Radio Mirchi RJ-Hunt 2017 organized at SKUAST-Jammu on 09.05.2017.
5. Dr. R.K. Pannu, Former Dean, College of Agriculture, CCS HAU, Hisardelivered a Lecture on 03.03.2017
6. Agri Career, Connaught Place, New Delhi conducted one day counseling session at SKUAST-J on 15.09.2017
7. Dr. R. Visvanathan (Ph.D.)Professor Agricultural Processing delivered a Lecture on 22.03.17
8. Mr. Amit Sharma, KAS, Managing Director, SIDCO, Jammu delivered a lecture in the Conference Hall, Faculty of Agriculture, Chatha on April 21, 2017.
9. Radio Mirchi 98.3 conducted programme in SKUAST Jammu on November 24, 2017.
10. Mr. Sandeep Choudhary (IPS), Superintendent of Police, South Jammu, J&K Police sensitized the students for civil services on November 29, 2017.
11. The United States – India Education Foundation (USIEF) video conferencing session was held on February 20, 2018 at SKUAST-J, Chatha
12. Dr. Owais Ahmad, IAS, Addl. Secretary, Govt. of J&K delivered a lecture on 27.04.2018 at R.S.Pura

13. Radio Mirchi (Campus Rockstars) programme in SKUAST-Jammu on August 31, 2018.
14. Sh. AkshayLabroo, IAS and Sh. Rahul Bhat, IFS, sensitized the students for civil services on August 20, 2018.
15. Dr. Bilal MohiuddinBhat, IAS sensitized the students for civil services on 15 March, 2019.
16. The United States – India Education Foundation (USIEF) conducted video conferencing session on March 25, 2019 at to discuss about “*Fulbright and Fulbright-Nehru Fellowship*”
17. Interactive session was organized between fresh Civil Services qualifiers – 2018 and students of SKUAST-J by District Police, J&K in collaboration with SKUAST-J at F.V.Sc& A.H, R.S.Pura on 24.04.2019.
18. Sh. Sanjay Misra, Sr. Manager, HRD, United Phosphorous Limited, Samba delivered a lecture on May 09, 2019.
19. Dr. Varun Arya, Founder & Director, Aravali Institute of Management, Rajasthan delivered a lecture on 13.11.2019.
20. Industrial Development Bank of India conducted an online campus placement drive on 16.1.2021 for the B.Sc. (Hons.) Agriculture pass outs of 2016-2020 batch on Webex Digital platform comprising of group discussion and personal interview and four agriculture graduates SanjeevSangral, Ankita Aggarwal, RafiaReyaz and Arun Singh were selected as Assistant Manager (AM) Gr. ‘A’.
21. Virtual conference on “Centrally Sponsored Schemes and Incentives for Agriculture Technocrats for setting up of Agricultural Infrastructure” held on 6.02.2021 from 11.00 am to 12.30 pm on Google Meet digital platform.



Official of Agri Career, New Delhi during one day counseling session at SKUAST-J



Dr.Owais Ahmad, IAS, Addl. Secretary, Govt. of J&K interacted with the students



Dr. Bilal Mohiuddin Bhat, IAS sensitized the Students for civil services



Radio Mirchi RJ-Hunt organized at SKUAST-Jammu



Mr. Sandeep Choudhary (IPS), Superintendent of Police, South Jammu sensitized the students for civil service



Sh. Amit Sharma, KAS, Managing Director, SIDCO, Jammu sensitizing students about scope of agriculture graduates in industry



The United States – India Education Foundation (USIEF) conducted video conferencing session on March 25, 2019 to enlighten the students and faculty about “Fulbright and Fulbright-Nehru Fellowship”



Dr. Kavita Suri, Director, Department of Lifelong Learning, University of Jammu and Member, J&K State Women Commission addressing the students and faculty members



Maj. Gen. (Retd.) M.L. Sharma, CEO, BROOKE India interacting with students



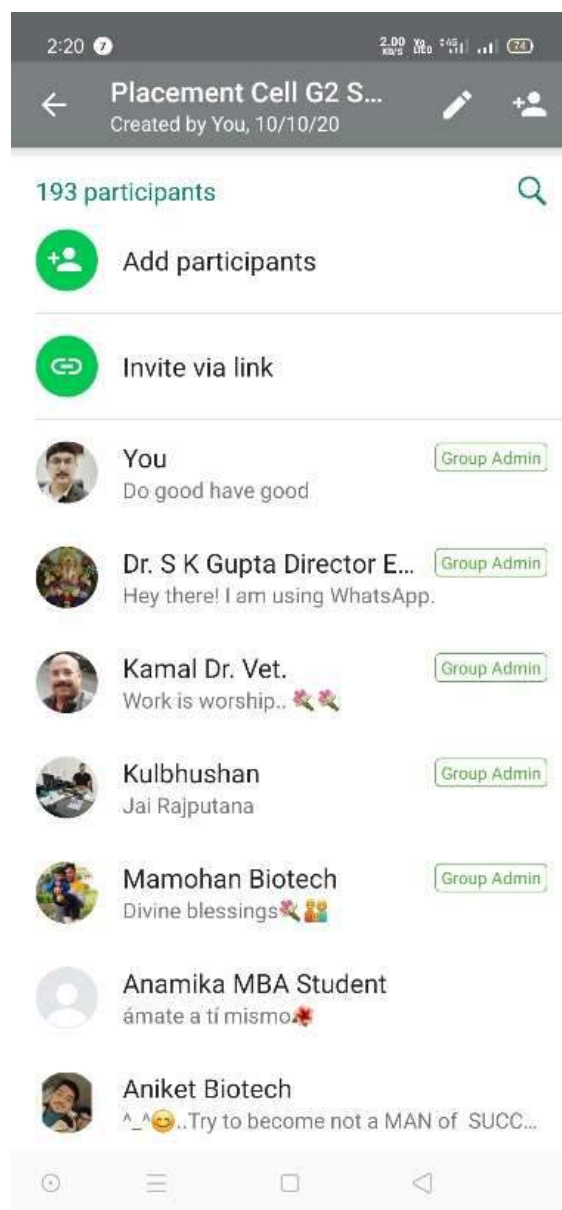
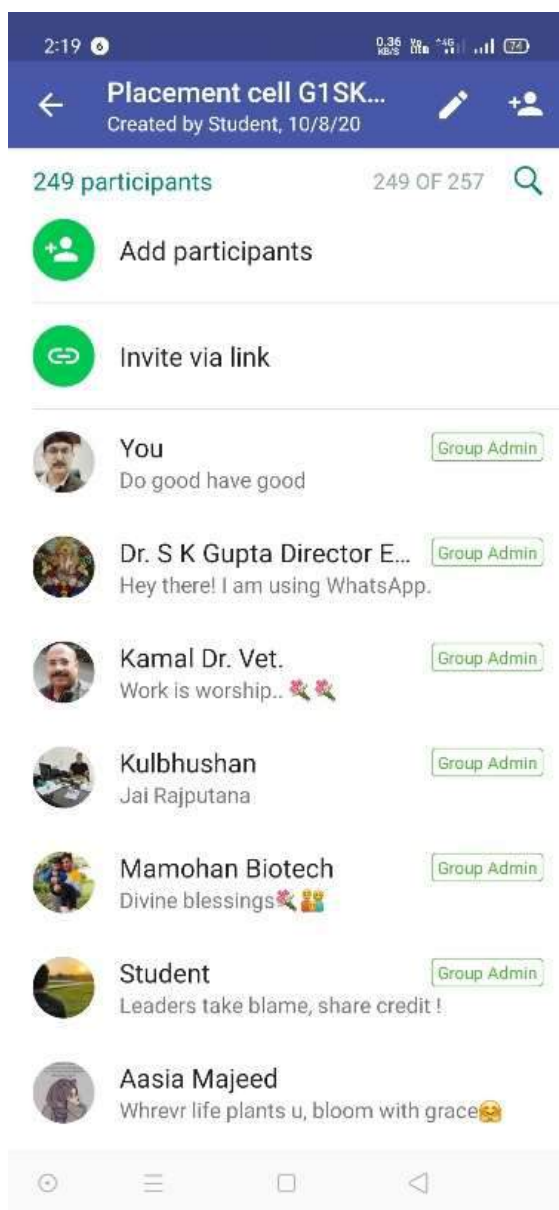
IDBI Bank officials conducting online campus placement drive

Fortnightly e-bulletin

A fortnightly e-bulletin “**Career Calls**” containing information regarding opportunities for students in academics, public and private sector is available on the University website and 134 e-bulletin of the ‘**Career Calls**’ have been issued till date.

Creation of what’s app groups for flow of information during COVID-19 pandemic

Two what’s app groups comprising of 442 members has been created during COVID Pandemic to circulate the information to students regarding job and other career opportunities apart from uploading the information on the Counseling and Placement cell web module of the University website.



Major recruiters of our students

The University placement Cell has ensured the involvement of all agro-based national industries and organizations to provide exposure to the students for their successful and better placement. The list of major recruiters of students through Placement and Counseling Cell of SKUAST-Jammu in the last five years is given below:

Name of organization	Brand Logo
Indian Farmers Fertiliser Cooperative Limited (IFFCO)	
National Bulk Handling Corporation	
Infrastructure Leasing & Financial Services	
Amul Cooperative Society	
TeamLease Services Company	
Bable India	
Bank of India	
Industrial Development Bank of India	
Orbit, Biotech	
Panacea Biotec	

In addition, the students of SKUAST-Jammu have also got selected in Civil services, Banks, Armed forces, Universities, State education, agriculture, horticulture, animal husbandry, forest departments etc. The absolute data available for placement of students from the Faculty of Veterinary Sciences and Animal Husbandry in the last five years is given below:

S. No.	Year	Placements
1.	2016-17	50
2.	2017-18	67
3.	2018-19	80
4.	2019-20	81
5.	2020-21	54

What is the mode and mechanism of counseling being followed at university level?

Counseling of students is primarily done in off line mode through face-to-face interactions with recruiter organizations. However, during COVID-19 pandemic student counseling is done through digital platforms such as Google Meet, Zoom etc. Furthermore, for quick dissemination of information regarding various career opportunities to students the counselling and Placement Cell has created two What's app groups of about four hundred active members belonging to all the three faculties of the University. In addition information regarding career opportunities is also circulated through online mode in the form of fortnightly e-bulleting "Career-calls" and also uploaded on the placement cell web module of the University website. The main counseling activities include the following:

- Regular Counselling of students about career prospects.
- Group discussions/mock interviews to prepare students for various interviews.
- Regular interaction with students to develop their soft skills.
- Resume verification and guidance to develop attractive resumes.
- Mock group discussions to inculcate analytic capacity and leadership qualities.
- Evaluation of communication skills and improvisation as required.
- Conduct of on-campus workshops for confidence building and career development.
- Guidance for higher studies in India and abroad.

Expert lectures

Experts from academia, civil administration, army, private concerns and civil society are invited for all-round development of students.

6.6.6.6. Disabled Friendly Facilities

University has adopted the disabled friendly facilities e.g., new buildings have been provided with ramps for walking-in to hostels and other buildings to make it comfortable for disabled persons.

6.6.7. Infrastructure

6.6.7.1. Physical facilities including administrative building and lands

The Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu (SKUAST-Jammu) came into existence on 20th Sept. 1999, a relatively young University compared to most of the other Agriculture Universities across the country. The main mandate or activity of the University is to further the advancement of learning and prosecution of research and extension in Agriculture, Animal Husbandry and other allied branches with particular emphasis on temperate and cold conditions. The SKUAST-Jammu has territorial jurisdiction and responsibility over the entire Jammu region consisting of 10 districts namely Jammu, Kathua, Samba, Udhampur, Reasi, Rajouri, Poonch, Ramban, Doda and Kishwar.

The University is multi-campus with a network of Research stations, sub-stations and Krishi Vigyan Kendras (KVK's). The main campus of the University is at Chatha located at a distance of about 5 kms from Jammu Air-port and 11 kms from Railway Stations. The main campus at Chatha is spread over a land of 560 Acres of proprietary/acquired land across the villages Chatha, Rakh Chatha and Shahzadpur Gujran Jammu etc. The area is falling under sub-tropical plains wherein temperature varies between 5^oc (January) to 45^oc in May-June. The Annual rainfall recorded is 116 mm (41 year Avg.) and the wind speed in normal conditions hover between 3 to 5 km/hr and the extreme wind-spread recorded during peak of storms has been 12 km/hr. The other locations of the University stations/sub-stations/KVKs in addition to main campus Chatha and FVSc & AH campus R.S.Pura are as under:

S. No.	Name of Station	Place (District)
1.	Advanced centre of Horticulture research (ACHR) Udheywalla situated at a distance of 18 km from main campus Chatha, Jammu district.	Udheywalla (Jammu)
2.	Dryland Research sub-station Dhainsar (16 km from main campus Chatha) Jammu district	Dhainsar (Jammu)
3.	Pulses research sub-station Samba Samba district & Krishi Vigyan Kendra Samba (40 km from main campus Chatha)	Arazi (Samba)
4.	Regional Agricultural Research Station (RARS) Rajouri district & Krishi Vigyan Kendra Rajouri (150 km from main campus Chatha)	Tandwal (Rajouri)
5.	Maize research sub-station Poonch & Krishi Vigyan Kendra Poonch (260 km from main campus Chatha)	Qazi Mohra (Poonch)
6.	Regional Horticulture Research Centre Bhaderwah (RHRS) Distt. Doda & Krishi Vigyan Kendra Doda (210 km from main campus Chatha)	Bhaderwah (Doda)
7.	Krishi Vigyan Kendra Kathua (85 km from Main Campus Chatha)	Rajhani (Kathua)
8.	Krishi Vigyan Kendra Reasi (85 km from Main Campus Chatha)	Derra Baba (Reasi)

Comprehensive report on the main units is as under:

1. Administrative Building

Area - 4232

The Administrative building having an area of 4332 sqm is a double storey building. The Administrative building is the head quarter/central office of the University which houses the offices of Hon'ble Vice-Chancellor, Director Research, Director Education, besides the Registrar, Director Planning and Monitoring, the Comptroller of the University alongwith their staff.

2. Academic Blocks

i) FOA Chatha:

Area – 71137 sqm

Faculty of Agriculture (FOA) spread over an area of 71.137 sqm and having 8 no. blocks consisting of 13 divisions. These divisions deal in different fields/subjects and are responsible for research, extension and teaching of their respective subject. There are also offices of Dean, FOA, and School of Biotechnology.

ii) FBSc, Chatha:

Area – 2165 sqm

Faculty of Basic Sciences (FBSc) having an areas of 2165 sqm has 04 no. of divisions dealing in subject of Basic science like Microbiology, Agricultural Statistics, Plant Physiology and Biochemistry. These divisions carry out the research, teaching and extension activities of their respective divisions.

iii) FVSc & AH R.S.Pura:

Area – 30525 sqm

The FVSc & AH campus R.S.Pura is situated at a distance of 14 kms from the Main Campus Chatha of SKUAST-Jammu. The faculty area is 30525 sqm and has 17 divisions of different disciplines.

These divisions are responsible for research, education and extension activities under their jurisdiction. Besides these 18 divisions there are offices of Dean, Associate Dean and the Accounts section at FVSc & AH R.S.Pura.

iv) Advanced centre for Horticulture Research Udheywalla:

Area – 3941 sqm

The advanced centre for Horticulture Research (ACHR) is situated at Udheywalla (18 kms from the main campus Chatha). A state of art “Centre of excellence” COE project is being run there by the University. The Horticulture related activities are also carried out at that station.

3. Research Units

i) Research Farm Chatha:

Area –300 acres

The research farm Chatha is spread over an area of 300 acres. All the field research, trials and field experiments by the students are carried out in the research farm. Besides the research, seed production, fodder production, organic farming, fish farming and poultry etc. are all carried out in this research farm. There are also specialized units of mushroom, beekeeping and Agrometrology in this farm.

4. Instructional Farm R.S.pura:

Area –956 sqm

The Instructional farm is situated at FVSc & AH campus R.S.Pura. Different types of animals are kept in and researched upon in these farms such as cows, goats, sheep, dogs etc. The instructional farm is spread over an area of 956 sqm with all the facilities.

5. Seed production Unit:

Area –934 sqm

A state of art Seed production unit known by the name of Mega Seed Unit has been set up in the research farm at Chatha. A seed testing lab has also been set at the main campus Chatha.

6. Land at Chatha Campus

Area –578 acres

The total land of the Chatha campus is 578 acres out of which 300 acres is under research farm some portion is under seed and fodder production while the rest is under road and building infrastructure.

7. Land at R.S.Pura campus

Area –84 acres

The total land available at FVSc & AH campus is 84 acres of which 52 acres is under Research Farm while the rest is under roads and buildings.

8. Land at ACHR Udheywalla

Area –25 acres

All the 25 acres of land at ACHR comes under Centre of Excellence (COE) Horticulture research fields and the roads and buildings.

6.6.7.2. IT Infrastructure:

- The smart class rooms are enriched with podium, Magnetics boards, Touch screens, Interactive boards with projectors, UPS, CCTV for quality education.
- High internet line through LAN, RF towers and Wi-fi facility are existing in all divisions & computer labs
- Firewall is installed at NKN Lab. & Data centre with centralized control. The researchers and students are surfing internet for research purposes through assigned login (i.e. username & password)
- Official Email has been provided to all the divisions for communication of the research papers under the domain abc@skuast.org
- Online lectures and their materials provided to the students by their respective teachers.
- Webinar and guest lectures of the eminent researcher to the students.

6.6.7.3. Students & staff amenities:

The university organizes inter-class, annual sports tournaments at both the campuses. Moreover, students of the university also participate regularly in the inter-varsity youth sports festivals. The students showing distinction in various academic and co-curricular activities at various levels are given prizes during university functions like annual day celebrations. The list of sports events held in the university **during 2016-17 to 2020-21** is given below:

Events during the 2016-17		
Period	Events and Activities	Activity Held at
28 th to 30 th March, 2016	Intra-faculty Sports Meet of FoA, Chatha Activity: Cricket, Badminton, Table Tennis, Carrom, Chess.	SKUAST-Jammu Chatha Campus
4 th to 6 th April, 2016	Intra-faculty Sports Meet of FVSc& AH, R.S. Pura Activity: Cricket, Badminton, Table Tennis, Carrom, Chess.	SKUAST-Jammu R.S. Pura Campus
7 th to 18 th Nov, 2016	14 th All India Vice-Chancellor T20 Cricket Tournament. Activity: Cricket Employees Team	Punjab Agricultural University Ludhiana
21 st to 5 th December, 2016	North Zone Inter University Cricket Tournament Activity: Cricket Students Team	Ch. Charan Singh University Merrut
Events during the 2017-18		
3 rd to 4 th April, 2017	Ist State University Tournament at Jammu University Activity: Cricket, Badminton, Table Tennis, volleyball	University of Jammu
26 th to 28 th April, 2107	Intra-faculty Sports Meet of FoA, Chatha Activity: Cricket, Badminton, Table Tennis, Carrom, Chess.	SKUAST-Jammu Chatha Campus

17 th to 19 th May, 2017	Inter-faculty Sports Meet of FVSc& AH, R.S. Pura &FoA, Chatha Activity: Cricket, Badminton, Table Tennis, Carrom, Chess.	SKUAST-Jammu, R.S. Pura Campus
24 th to 30 th Oct, 2017	Veterinary Fest Activity: Cricket, Badminton, Table Tennis, Carrom, Chess, Basketball & Athletics.	SKUAST-Jammu, R.S. Pura Campus
22 nd to 10 th Dec, 2017	North Zone Inter University Cricket Tournament Activity: Cricket Students Team	M.D University Rohtak
2 nd to 16 th Dec, 2017	All India Vice-Chancellor T20 Cricket Tournaments. Activity: Cricket Employees Team	Punjab University Patiala
12 th to 14 th Dec, 2017	Agriculture Fest Activity: Cricket, Badminton, Table Tennis, Carrom, Chess, Basketball, Athletics, Bench Press, Pushup & Deadlift	SKUAST-Jammu Chatha Campus
15 th to 17 th Mar, 2018	All India Veterinary college Tournament Activity: Badminton & Table Tennis.	G.B. Pant College Pant Nagar, Uttarakhand
22 nd to 27 th Mar, 2018	2 nd State University Tournament at Jammu University Activity: Cricket, Badminton, Table Tennis, volleyball	University of Jammu
Events during the 2018-19		
29 th Aug, 2018	All India Vice-Chancellor T20 Cricket Tournaments. Activity: Cricket Employees Team	University of Kashmir, Srinagar
31 st to 4 th Nov, 2018	Veterinary Fest Activity: Cricket, Badminton, Table Tennis, Carrom, Chess, Basketball & Athletics.	SKUAST-Jammu, R.S. Pura Campus
1 st to 6 th January 2019	All India Agriculture University Sports and Games Meet Activity: Badminton, Table Tennis, Volleyball & Athletics	PAU Ludhiana
14 th to 16 th Mar, 2019	All India Veterinary college Tournament Activity: Badminton & Table Tennis.	G.B. Pant College Uttarakhand
Events during the 2019-20		
13 th to 14 th June, 2019	Open Badminton Tournament teaching and non-teaching employees. Activity: Badminton Tournament	SKUAST-Jammu Chatha Campus
21 st June, 2019	Yoga Day	SKUAST-Jammu Chatha Campus
29 th Aug, 2019	Celebration of National Sports Day Activity: Hockey	SKUAST-Jammu Chatha Campus

6 th to 10 th Oct, 2019	North Zone Inter University Badminton Tournament Activity: Badminton Students Team	LPU Jalandhar, Punjab
27 th to 29 th Nov, 2019	Veterinary Fest Activity: Cricket, Badminton, Table Tennis, Carrom, Chess, Basketball & Athletics.	SKUAST-Jammu, R.S. Pura Campus
21 st to 3 rd Dec, 2019	North Zone Inter University Cricket Tournament Activity: Cricket Students Team	Aligarh Muslim University, Aligarh
18 th to 30 th Nov, 2019	All India Vice-Chancellor T20 Cricket Tournaments. Activity: Cricket Employees Team	Shivaji University Kolhapur,
1 st to 4 th Dec, 2019	Agriculture Fest Activity: Cricket, Badminton, Table Tennis, Carrom, Chess, Basketball, Athletics, Bench Press, Pushup & Deadlift	SKUAST-Jammu Chatha Campus
10 th to 15 th Dec, 2019	Chancellor Trophy Activity: Cricket.	University of Jammu
1 st to 5 th Mar, 2020	All India Agriculture University Sports and Games Meet Activity: Badminton, Table Tennis, Volleyball & Athletics	Tripathi Andhra Pardesh
Events during the 2020-21		
9 th Oct, 2020	Yoga Day	SKUAST-Jammu Chatha Campus
4 th to 8 th Feb, 2021	Tennis Cricket Tournament Activity: Cricket	SKUAST-Jammu Chatha Campus
16 th to 20 th Mar, 2021	Kisan Mela Celebration Activity: Rural Sports	SKUAST-Jammu Chatha Campus

6.6.8. Financial Resource Management

6.6.8.1. Budget allocation

Statement of Budget Allocation to Faculties from 2015-16 to 2019-20 under State Non-Plan
(Fig. in lakhs)

S.No.	Financial Year	Faculty of Agriculture		Faculty of Veterinary Sciences & A.H.		Faculty of Basic Sciences	
		Salary	Other Contingency	Salary	Other Contingency	Salary	Other Contingency
A.	State Non-Plan						
1.	2015-16	1877.38	38.09	1326.76	50.79	191.25	16.08
2.	2016-17	2012.00	42.12	1465.00	55.40	201.15	18.12
3.	2017-18	2171.00	46.63	1600.00	58.66	209.00	19.85
4.	2018-19	2513.43	42.73	1900.00	63.52	220.00	22.25
5.	2019-20	3152.28	66.73	2568.00	103.78	246.47	25.17

**Statement of Budget Allocation to Faculties from 2015-16 to 2019-20 under State Non-Plan
(Fig. in lakhs)**

S.No.	Financial Year	Faculty of Agriculture	Faculty of Veterinary Sciences & A.H.	Faculty of Basic Sciences
1.	2015-16	22.53	42.25	35.95
2.	2016-17	54.32	53.05	31.27
3.	2017-18	25.60	47.00	10.80
4.	2018-19	35.30	53.00	39.88
5.	2019-20	16.50	19.00	13.00

6.6.8.2. Finance Committee

Statement of Schedule of Finance Committee Meetings held on from 2015-16 to 2020-21

S.No.	Particulars of Meeting	Date on which convened
1.	9 th Meeting of Finance Committee of SKUAST-Jammu	28 th of April, 2016
2.	10 th Meeting of Finance Committee of SKUAST-Jammu	27 th of September, 2017
3.	11 th Meeting of Finance Committee of SKUAST-Jammu	23 rd of March, 2018
4.	12 th Meeting of Finance Committee of SKUAST-Jammu	12 th of October, 2018
5.	13 th Meeting of Finance Committee of SKUAST-Jammu	26 th of April, 2019
6.	14 th Meeting of Finance Committee of SKUAST-Jammu	05 th of February, 2020
7.	15 th Meeting of Finance Committee of SKUAST-Jammu	19 th of March, 2021

6.6.8.3. Internal Resources Generation

Statement of Internal Resource Generation from 2015-16 to 2019-20 (in Rs.)

S.No.	Financial Year	Faculty of Agriculture	Faculty of Veterinary Sciences & A.H.	Faculty of Basic Sciences
1.	2015-16	12045395	1871599	0
2.	2016-17	13947736	1371525	0
3.	2017-18	12552785	1432753	0
4.	2018-19	23987190	1690611	0
5.	2019-20	25952594	1794215	0

6.6.8.4. External Funding

Statement of External Funding mobilized through Competitive Mode from 2015-16 to 2019-20

S.No.	Financial Year	Amount (Rs. In crores)
1.	2015-16	36.58
2.	2016-17	44.43
3.	2017-18	45.26
4.	2018-19	43.50
5.	2019-20	40.50

6.6.8.5. Financial Powers Delegation to Deans/heads

Detail of Financial Powers Delegated to the College Deans, University officers and Heads of the Departments.

S.No.	Delegation of Financial Powers	limitations
1.	College Deans and University officers	Rs.2.00 lakhs in each case.
2.	Heads of the Departments.	Rs.1.00 lakh in each case.

6.6.8.6. Finance Utilization

Detail of Finance Utilization from 2014-15 to 2019-20 Powers Delegated to the College Deans, University officers and Heads of the Departments.

S.No.	Financial Year	Percentage of Utilization
1.	2015-16	90.29%
2.	2016-17	93.33%
3.	2017-18	80.54%
4.	2018-19	93.58%
5.	2019-20	90.70%

6.6.9. Accomplishments

University has achieved several milestones during the period 2016-17 to 2019-20 in terms of all its mandated activities namely; teaching, research and extension. Some of the major accomplishments of the University is summarised as below:

- Introduction of new PG and Ph.D. courses in the Faculties of Agriculture, Veterinary Sciences & Animal Husbandry and Basic Sciences.
- Implementation of national and international research projects worth Rs. 272 crores in this period
- Establishment of new Krishi Vigyan Kendra for Samba district of J&K
- Establishment of Organic Training Centre at Talwara, Reasi
- Creation of infrastructural facilities, including hostels and faculty blocks

6.6.9.1. Awards for the University

Several awards received by the University at regional and national levels. The list is given below:

S.No.	Name of Award	Awarding Agency
1.	Pandit Deen Dayal Upadhyay Krishi Protsahan Puruskaaar (Zonal) 2017	ICAR, New Delhi
2.	KVK Jammu was selected as runner up for exhibiting best technologies during KisanMela at SKUAST-J w.e.f. 16-17 Feb, 2018	SKUAST-J
3.	KVK Jammu stall was also rewarded as best at Flower Show IIIM, Jammu. 19 Feb, 2018	IIIM Jammu
4.	KVK conferred with Appreciation Award by Prof J.P. Sharma, Hon'ble Vice Chancellor, SKAUST-J for conducting KissanMela at Village Samka, R.S. Pura	SKUAST- Jammu
5.	KVK Jammu received 3 rd Prize in stall competition by Hon'ble Vice Chancellor during the five days KissanMelaw.e.f. 16-20 March, 2021 at SKAUST-J	SKUAST-Jammu
6.	KVK Kathua received Best KVK Award (At Zonal level) during Zonal Workshop of KVKs of Zone-I during 2020-21	ICAR-ATARI, Zone-I, Ludhiana
7.	KVK Reasi received Best presentation award (At Zonal level) during Zonal Workshop of KVKs of Zone-I during 2020-21	ICAR-ATARI, Zone-I, Ludhiana



6.6.9.2. Accreditation Report from ICAR/other Agencies

The SKUAST-Jammu and its faculty were accredited twice by the ICAR:

- First Cycle for accreditation: 17-11-2011 to 16-11-2016
- Second Cycle for accreditation: 2016-2017 to 2020-2021.

Recommendation of the National Agricultural Education Accrediation Board of ICAR:

The accreditation of the B.Sc.(Hons) Biotechnology and M.Sc. Biotechnology programme will be put on hold till the nomenclature of these programs is changed as per the recommendations of Fifth Deans' Committee.

Univeristy Action: The university has changed the nomenclature of B.Sc.(Hons) Biotechnology to B.Tech. Biotechnology as per the recommendation of Fifth Deans' Committee.

6.6.9.3. Inter Institutional Standings

The ICAR ranking for SKUAST-Jammu given as:

Year	ICAR ranking of SKAUST-Jammu
2016-17	15 th
2017-18	24 th
2018-19	-
2019-20	37 th

6.6.9.4. Socio-economic Impact

SKUAST-Jmmu has a positive socio-economic impact on the lives of farmers in terms of enhancing farm incomes aand equitable distribution of wealth. The major impact of teaching, research and extension activities carried out by the University is summarised as below:

6.6.9.4.1. Entrepreneurship development through Agri-start ups

Fourteen Promoted agri startups have expanded their manufacturing units after receiving the Grant-in-aid which has been duly acknowledged by 05 startups who have received the first installment of grant and others are in pine line in establishing their manufacturing units.

6.6.9.4.2. Entrepreneurship development of students through Experiential learning

Experiential learning Programme on setting up of Facilities for Hands on Training on "Hi-tech nursery for horticultural crops, Bee keeping, Mushroom cultivation and Plant Clinic are being conducted for final year students of BSc Hons Agriculture programme.

6.6.9.4.3. Job orientation of students through Academic Industry Interface

Industry interface is prerequisite for educational institutes. Our placement cell makes regular contact with corporate industry. Our students of MBA (Agri. business) , BSc/B Tech (Biotechnology) regularly undertake industry projects, presentations case studies, research work to gain practical experience in industrial working. University conducts seminars, lectures of various organizations to ready for successful professional career.

University is also undertaking testing mechanism of various agricultural products as new formulations of fungicides/insecticides/ pesticides on these aspects trials are regularly conducting by the concerned divisions. Students are also involved in their evaluation process. Private seed companies provide the seed of new varieties/hybrids for its multi-location evaluation which have huge socio-economic implications through adoption of new technologies.

6.6.9.4.4. Transformation of area under coarse rice to Pusa basmati varieties

The efforts of scientists of SKUAST_Jammu has resulted in enhancing incomes of farmers in Jammu region, especially Jammu, Samba and Kathua districts through transformation of coarse rice varieties to Ousa basmati varieties with short duration and higher profitability after standardization of package of practices.

6.6.9.4.5. Enhancement of area under hybrid maize in hilly districts of Jammu region

The efforts of KVKs have resulted in increasing area under maize to more than 80% in hilly districts of Jammu region. With the increase in area under hybrid maize, the production and incomes of farmers have also increased. Maize, being the principal crop of these districts has contributed to a greater extent in ensuring food security and profitability of farm families. The package of practices for hybrid maize have also been standardised by the University.

6.6.9.4.6. Women empowerment through entrepreneurship development

The efforts of the University and KVKs in terms of developing skills through organization of vocational training programmes for women has resulted in development of entrepreneurship among rural women. A number of Women Self Help Groups have started their economic activity and have representation in exhibitions / Melas organised by the University and departments. Women are the integral part of all type of training programmes organised by the University at different levels.

6.6.9.4.7. Socio-economic upliftment of weaker sections of society

SKUAST-Jammu through implementation of exclusive projects for weaker sections of the society such as under Scheduled Caste Sub Plan (SCSP), Tribal Sub Plan (TSP) etc, has ensured equitable distribution of benefits among all sections of the society for their socio-economic upliftment.

6.6.9.4.8. District-wise success stories of socio-economics impact

The major impact of extension activities carried out in last five years by different KVKs for upliftment of socio-economic status of farmers in their respective districts has been summarised as below:

I. Impact of KVK Jammu's collective interventions in operational village Sagoon

Farmers Practice

The farmers were not adopting scientific production technologies namely line sowing, balanced use of fertilizers, herbicide application and other management practices. In wheat, farmers were using grains of the preceding year crop as a seed. The farmers are using high seed rate per hectare which results in loss of precious seed and also increased cultivation cost. Moreover, they were not treating the seed with fungicide which invites various diseases resulting in low yield. Due to these faulty practices farmers are getting 30-40 percent lesser yield/ha. The scientists devised a compressive strategy to convince the farmers of the village to promote new technologies in the district.

KVK Interventions for Dissemination of Technologies

KVK worked on crop diversification to help the farmers to realize more returns from the same piece of land. Introduction of toria as third crop, cultivation of pulses crops namely mash (urd) and chickpea, perennial fodder grasses on waste and fragile lands, planting of multipurpose medicinal trees on the bunds and boundaries of their main field and cultivation of short duration high yielding varieties of paddy and mustard were the other areas on which KVK is working. In the year 2016-17, KVK organized seven (07) capacity building programs in which 289 farmers/farm women were trained, conducted OFTs on Wheat, Maize and Perennial grasses and laid out FLDS on Maize, Paddy, Wheat, Oilseeds and Pulses on different aspects of crop production and protection that resulted into increase in farmers' knowledge and adoption of scientific agricultural practices by the trained farmers.



Quantifiable benefits

Wheat farmers were applying seed of variety namely HD 2967 that is recommended for irrigated areas of Jammu district. Some farmers were applying previous years grain as seed and getting lower yield. In *rabi* 2016-17, KVK demonstrated wheat varieties namely VL 907 and VL 892 and found that the results of wheat variety VL 907 was encouraging although it is recommended for midhills. There was significant increase in the yield of wheat as results

indicate that demonstration plots have 53.6 percent more yield compared to farmers practice. The average yield of VL 907 wheat variety was 21.5q/ha compared to 14 q/ha in check plot. Thus, the per hectare net profit from demonstration plot was Rs. 21, 638. If we extrapolate this with wheat area of the panchayat (265 ha), it comes to around Rs 57,36,619.

II. Popularization of Harad by KVK Jammu for income sustainability in rainfed areas

With the guidance of KVK Jammu the farmer adopted modified agroforestry system with planting of superior Raj Harad clones at 5x5 mt spacing so that the land between the spacing may be utilized for scientific agriculture. KVK also provided critical inputs in the shape of improved seed of oilseed, pulses and cereal crops in addition to Raj Harad sapling. In his 2.6 ha of total farm Medicinal Trees (Harad, Aonla) contributed on 0.4 ha with 150 no's of grafted plants, with of agriculture in in 1.2 ha (Wheat + Maize + Pulses) and fruit trees in 1.0 ha.

Output:

- Adopted cultivation of medicinal trees
- Established orchard of citrus under Horti-agriculture system
- Maintaining six dairy animals with fodder production through perennial grasses and seasonal forage crops.
- Developed facilities of rainwater harvesting structure for life saving irrigation facilities during rainy months.
- Developed nursery of production of quality plating material of harad and other species

Economic Returns:

- Mango, Citrus: Rs 75,000.00 Medicinal Trees (Raj Harad, Aonla.)– Rs 42,000

Scientific Rain-fed Agriculture:

- Cereals & pulses (Maize, Wheat, Mash) – Rs 58,000
- Dairy- 4 cows: Rs 16000 /month
- Saplings (fruit, MAP'setc) – Rs 40,000

The average yield of green fruit of Harad ranged between 100-120 kg per tree, generating an average income of Rs. 1600-2000 per tree per year. During August- September, the fruit harvested in green stage is sent to Delhi, Hoshiarpur or Amritsar markets by the farmer that is either exported to Pakistan and other foreign countries or used for making preserve by the local units. The remaining fruit retained by the farmer is harvested during December- January. The fruit is dried by the farmers, graded according to weight and shape and sent to markets for sale. With coming up of superior grafting clones of Harad, the expected economic returns from these grafted clones at an early bearing age of 7-8 years will Rs593750 per ha that will be almost double than the existing seedling plantations fetching an amount of Rs 300000 that too after 12-15 years of bearing.



Harad trees grown along with agricultural crops in the form of agro-forestry system provided a biomass reserve upon which farmer can fall back for subsistence and income in times of crop failure, unemployment and other kinds of hardships, contingencies or to meet exceptional needs. The planting of Harad trees will help farmers to meet contingencies by directly providing recurrent, seasonal or occasional flow of food, fodder, timber, medicinal fruits and other products or earn cash to meet the contingencies thus helping in reducing household vulnerability to risk and thereby ensuring the livelihood.

III. Impact of adopting commercial floriculture as an enterprise in Jammu district

Nagrota and Bhalwal blocks are located in Jammu district of Jammu and Kashmir Union Territory. The major farming system of the area was Maize-Wheat, Mash-Wheat, Maize-Oilseed which was not much profitable. KVK emphasized on diversification and awareness regarding cultivation of marigold crop in addition to their traditional crops among the farmers was created.

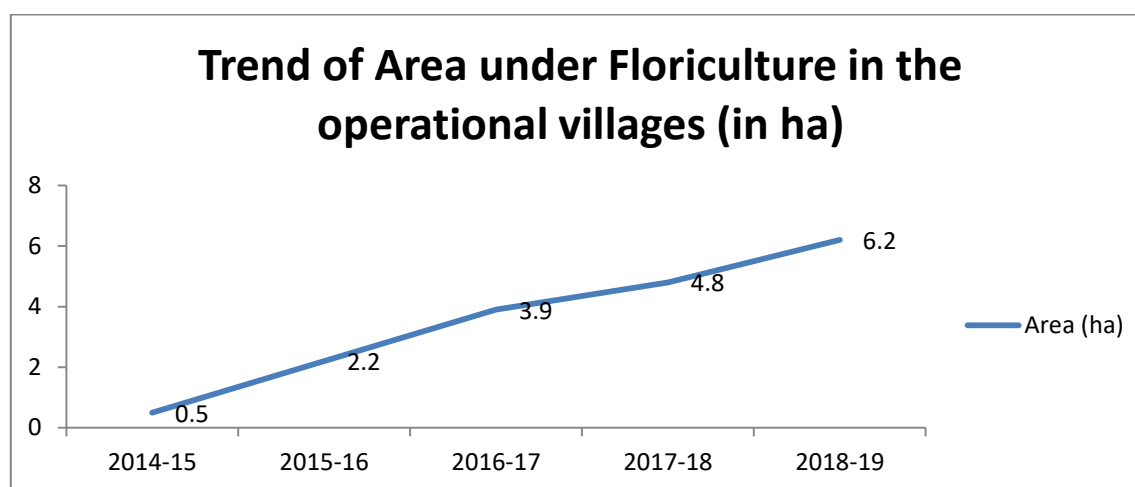
KVK intervention: KVK Jammu organized several training programmes for farmers and farmer women of the panchayats between 2014-15 to 2018-19 to update their knowledge about commercial floriculture and to enhance their technical skills. With the intervention of KVK, the farmers started cultivation of marigold crop. Frontline demonstrations of improved varieties of marigold were conducted. As compared to local check, 28-30 percent higher yields were recorded from demonstrations. The increase in yield and subsequently addition to their annual income contributed to adoption of marigold cultivation in these villages.

Output: KVK Jammu distributed literature of the commercial floriculture among the farmers to update their technical know-how. Now more and more farmers are coming up for adoption of this enterprise. They are attending the different programmes being organised by the KVK from time to time. The FLD's on marigold with improved varieties have exposed the farmers to new technologies and imparting of trainings on technical know-how has updated the farmers knowledge regarding potential of floriculture as a subsidiary source of income.

Outcome: KVK is playing a vital role in raising socio-economic status of farmers. The outcome of KVK interventions was very encouraging and it led to adoption of new enterprise in adjoining villages too. The farmers welcomed the move and other farmers were also motivated to adopt the marigold cultivation. The area under nearby villages has also been brought by the farmer's ranges between 60-80 quintals per hectare. There has been 30-40 percent increase in the yield.

Impact: As a result of KVK interventions, the rate of adoption of marigold cultivation has increased. From 2014-15 to 2018-19, the area under marigold cultivation has expanded from 0.5 to 6.2 hectares under these cluster villages. This is contributed to the frontline demonstrations, trainings and awareness programmes conducted by KVK as well as incentives provided by the department of floriculture in some of the villages. The results revealed that the KVK activities had good impact over farming community of Jammu district.

With the introduction of new varieties, round the year cultivation of marigold has been possible. This has led to an average 50-90 percent increase in the income of the farmer depending upon the number of crops harvested. As recorded the cultivation of marigold is more profitable as compared to traditional crops on same piece of land and it has added to their annual income.



IV. Promotion of pecannut - a high value crop by KVK Poonch

Pecan nut is a high value cash crop of district Poonch. It is sold at a handsome price ranging from Rs. 450 -500 per kg in local market. There are around 1500 pecan nut growers in these areas and most of the farmers have planted 5-10 trees of pecan nut. A farmer can get Rs 10,000 to 20,000 per tree depending upon produce from a tree and age of tree.

KVK intervention

KVK Poonch has trained more than 100 farmers on pecan nut cultivation techniques and a pecan nut village has been established by KVK Poonch at Nangali.

Impact

- Horizontal spread. More than 1500 growers. No of growers increasing by 100 or more every year.
- More than 400 farmers in village Jhullas, Mangnar, Darra, Degwar, Nangali and other villages have adopted pecan nut cultivation in the year 2020-21.

V. Promotion of High density apple by KVK Poonch

Apple is an important fruit crop grown in an area of 2000 hectares in Poonch district. Most of the apple orchards have been established have no systematic planning. KVK Poonch provided technical support to the orchardist time to time for adopting low chilling cultivars of apple suitable for HDP, scientific techniques viz. Integrated Nutrient Management (INM), Canopy Management (Training & pruning), and pollination management in their orchards. KVK Poonch laid 02 demonstrations on HD apple orchard in Azmabad and Mandi in the year 2014. The trees started producing fruits in 04 years and giving higher monetary profit to the farmers. The orchardist of the mandi area became the source of inspiration for other orchardists and 20 more farmers have started HD apple plantation in cluster area. The Horticulture department and Govt of J&K is now promoting high density apple in the district. In 2020-21, more than 136 ha has been brought under high density apple by Department of horticulture and another 20 hectares area has been promoted under ultra-high density apple.



VI. Security of Fodder in Poonch through Introduction of Oat (*Avena sativa* L) Varieties

In Poonch district, the upper areas in Mandi, Loran, Surankot, Bufliazetc are monocropped due to snowfall in winter season. Most of the farmers domesticate milch animals for their household needs. Average land holding in the district is very small to meet the fodder requirement and the availability of grasslands and pasturelands has decreased over years due to increasing human population and new roads and construction works. As a result, fodder is sold sometimes costlier than the grain crop. KVK Poonch felt urgent need of introduction of some Rabi fodder crops. KVK Poonch introduced and popularized the rabi season fodder in Poonch district. As a result, the problem of fodder during lean months has been reduced to a significant extent in Poonch district. The demand of Oats seed has increased from less than 100 quintals in 2010 to more than 2000 quintals in the year 2018-19 which show the impact of the spread of technology.

VII. Supplementing income of marginal & landless through mushroom production

Almost 70% of the people of Kathua district belong to the category of small and marginal farmers and landless labourers. Traditionally, district Kathua was known to be the producer of Paddy, Wheat and Maize. In spite of growing Paddy- Wheat and Maize on small holdings, the income of the farmers has been declining as a result of rising cost of cultivation. Thus, the income levels of majority of the marginal and small holders are getting low for a sustainable livelihood. There is a complete absence of on-farm employment for a considerable period of time during the year. Moreover, the lack of resources and knowledge about the use of agro waste in mushroom production kept the farmers dependent mainly on the traditional crops for their livelihood. In order to raise their family income, mushroom cultivation emerged to be an effective alternative source of income generation. KrishiVigyan Kendra Kathua recognising the value of mushroom production in uplifting the economy of marginal, small and landless farmers, provided mushroom production a central place in its Annual Action Plans. All types of extension methods have been adopted for enhancing the adoption of mushroom production by the farmers of the district.



Plan, Implementation & Support to farmers

KVK Kathua conducted number of activities such as trainings to the farmers, farm women, rural youth and skill development programmes, refresher courses for the extension functionaries for taking the skill development on mushroom to the larger dimensions.

Demonstrations/On Farm Trials were also conducted at farmers' locations in order to provide hands on experience to the farmers. KVK also organised various activities such as mushroom day/field day and exposure visit to promote mushroom production activities and to motivate the youth/farmer for establishment of low cost mushroom production units for large scale adoption.

The Front Line Demonstrations conducted by KVK have resulted in a stimulating effect in motivating the farmers of the district in adoption of mushroom production as a supplementary source of income.

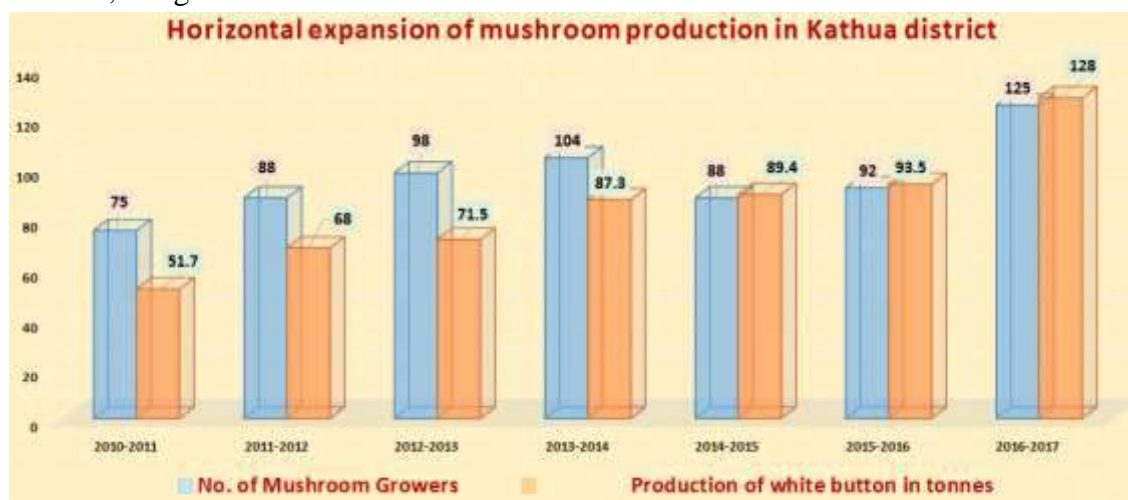


Visit of youths to KVK's mushroom unit



Mushroom production unit of a trainee

KVK Kathua could able to make an exceptional impact in improving the livelihood status of farming community of the area through proven relevant interventions in the field of mushroom production. The success of mushroom production also encourages other farmers, farm women, rural youth of the area to grow mushroom successfully and profitability. The data revealed that there has been a sizeable increase in the annual production of mushroom in the district from merely 517 q in 2010-2011 to 1280 qt. in 2016-2017. In the year 2017 numbers of mushroom grower increased subsequently, after the initiation of programmes of KVK Kathua. During the year 2010-2011, seventy five (75) beneficiaries were covered under different activities conducted by KrishiVigyan Kendra Kathua but in the subsequent years their number rose to 125 till 2017. The subsequent increase in productivity as well as the numbers of mushroom growers triggered the adoption of mushroom cultivation as a remunerative enterprise by the small, marginal and landless farmers in Kathua district.



The benefits of growing and selling mushroom have enabled farmers to buy agriculture inputs, household goods, pay school fees of their wards. The farmers have invested in expanding their mushroom production by establishing low cost mushroom production unit. The movement initiated by KVK, Kathua for popularizing mushroom production in Kathua district, has yielded results in the form of increased number of farmers taking up mushroom cultivation as a major income generating activity. The extension methodologies of KVK Kathua in this regard paved the way for transforming the mushroom cultivation from a state of rare commodity in Kathua district into a commodity of trade.

Economic Empowerment of Farm Women

KVK Kathua has planned to ensure participation of women in mushroom production activities through the provision of training programmes and formation of groups, thus ensuring the economic empowerment and maintenance of nutritional status of farm families.

VIII. Promotion of organic Farming by KVK Reasi in Talwara

Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu (SKUAST-J) has established an Organic Training Centre at Talwara village of Reasi district which is being sponsored by the Indian Council of Agricultural Research (ICAR), New Delhi under Pt. DeenDayalUpadhayaUnnatKrishiShikshaYojana. KrishiVigyan Kendra (KVK), Reasi is supervising the centre and upgrading the skill development of farmers especially on organic farming. KVK Reasi imparted the awareness/ trainings programmes/kisanghosties on organic farming in the village Talwara of Reasidistt. Till date by KVK experts have trained more than 360 participants on organic farming in Reasidistrict. Before KVK interventions farmers of Talwara village were using their traditional technologies for vegetables growing and they were earning only Rs.73,000/ha of vegetables but with the new scientific technologies of organic vegetables growing they raised their annual income uptoRs. 2, 55,000/ha in 2014-15 to Rs. 3, 12,700 in 2019-20. By growing the organic vegetables, the farmers are fetching more prices. By observing the successful results of organic vegetables growers in Talwara village, the other farmers of the adjoining villages such as Kansipatta, KansBrahamna, Seela, Chaiter etc. are also showing keen interest for organic vegetables growing in the district. With the awareness on polyhouse technique of vegetables growing, the farmers are able to generate extra income by growing the vegetables seedlings in time. With the establishment of vermicompost units in the village, the farmers are able to fulfil the need of the required soil nutrients in the vegetables growing. With the generation of extra income organic vegetables growers developed confidence to mitigate their basic needs. A self- reliance and entrepreneurial spirit has been developed among the organic vegetables growers in the village. Their new attitude for organic farming has been developed. With the increase in the income of the organic vegetables growers their respect and recognition have also been increased not only in the village but also in the state. They exhibit their organic farm produce in different farmers' fairs organised by SKUAST-J& allied departments and recognised by the different organisations. Their efforts for organic farming were

highly appreciated by Hon'ble ex-DG, ICAR, Dr.S. Ayappan, Hon'ble Union Minister Dr.Jatinder Singh, and Hon'ble J&K Min. Sh. Ajay Nanda during their visit at KVK, Reasi. Hon'ble Vice Chancellor of SKUAST-J, Dr.P.K.Sharma also visited this village two times and appreciated the farmers for their efforts towards organic farming. KVK, Reasi is making strenuous efforts for the farmers' welfare through organic farming in the hilly district Reasi of Jammu and Kashmir.

Before KVK intervention:

S. No.	Enterprise taken	Operational Expenses (Rs./ha)	Total Output (Rs./ha)	Net Profit (Rs./ha)
1	Traditional Method of Vegetables Growing	8,20,00	1,55,000	73,000

After KVK Intervention:

S. No.	Enterprise Taken	Year	Operational expenses (Rs./ha)	Total output (Rs./ha)	Net Profit (Rs./ha)
1	Organic vegetables	2014-15	1,20,000	3,75,000	2,55,000
2	Organic vegetables	2015-16	1,23,500	3,92,700	2,69,200
3	Organic Vegetables	2016-17	1,27,500	4,07,100	2,79,600
4	Organic Vegetables	2017-18	1,35,200	4,29,400	2,93,200
5	Organic Vegetables	2018-19	1,39,300	4,43,600	3,04,300
6	Organic Vegetables	2019-20	1,42,600	4,55,300	3,12,700



IX. KVK Reasi transformed poultry farming through scientific interventions

KVK, Reasi took the initiative to restart these poultry farms and use scientific poultry farming practices for increasing income returns to these farmers. Use of mixed maize ration which has low growth rate and also resulted in increased incidence of fungal and respiratory disease. Mortality rate among young chicks was too high due to non-use of vaccination. Heavy expenses due to use of medicine Poor Market linkage which forced farmers to sell their produce @50-60 Rs/kg. Poor weight gain due to use of maize mixed ration feeding as a result birds used to attain a weight of 1-1.2 kg in a period of 38-40 days which in turn increased production cost.

KVK interventions

Regular farmer trainings, disease diagnostic visits, regular counselling of farmers were organised to increase their faith in poultry farming enterprise. Farmers were advised to use standardized ration i.e. Pre-starter, Starter, Finisher ration which resulted in increased weight again and birds attain a weight of 1-1.2kg in 28-30 days in respect to 40 days by maize feeding. Twice vaccination was advised which resulted in less mortality among young ones. Market linkage was developed with buyers from Reasi, Rajouri, Sunderbani, Chanderkot, Udhampur, Akhnoor and Kashmir. These buyers now come and lift farmers produce from door step at cash.

Output

Developing poultry broiler farming increased the net profit 1 to 1.25 lac per year per 1000 birds in 6-7 lots.

Outcome

Seeing the effective income returns of poultry farmers other nearby farmers were also motivated and were regularly visiting KVK experts for starting poultry farming as an enterprise.

Impact

Tanda village has been selected purposefully as the poultry village because few years back it used to be a effective poultry farming belt but due to heavy losses due to disease occurrence and less cost for their produce about 10-12 farmers were forced to close their farms. KVK, Reasi took the initiative to restart these poultry farms and use scientific poultry farming practices for increasing income returns to these farmers. At present 8-10 farms are running with annual net profit of 1 lac to 1.25 lac per 1000 birds per annum.



X. KVK Reasi-Empowering the rural women of hilly areas through parshad making

KVK, Reasi has made strenuous efforts in gender streamlining. It has endeavoured to aware, train and motivate the women farmers in the hilly districts of Reasi and Udhampur. The extension literature and information through TV/Radio played a catalytic role for the SHG. Keeping the scope of SHGs in Reasi district, KVK, Reasi has made rigorous efforts to form, manage and strengthen the SHGs. Serwad village is around 4 km away from holy town Katra. A baseline survey of the village was done by the KVK team. Holy town Katra has immense scope of Prashad making/food processing for Shri Mata Vaishno Devi Shrine. Women farmers of this village were encouraged and technically supported by KVK, Reasi the SHG for Prashad making. They were guided to have fortnight meetings to develop a healthy rapport among themselves. The name of the group was decided by the group members as “Vaishno Devi Mahila Group” by its 10 members. Apart from training programme, KVK conducted farmers-scientists interaction, employed print media coverage radio talk, TV talks, film shows, special group meeting etc. for the SHGs. The advantages of groups were elaborated to SHG members. The group president, secretary, treasurer were selected and group members were advised for saving the money. The homogeneity of groups in terms of their socio- economic status was also taken into consideration. They were guided for the proper book keeping. Training programme conducted by KVK for SHG proved a convincing tool and played a significant role in creating interest and capacity building among the group members. “Vaishno Devi Mahila Group” has proved that how women can organise together to beat the poverty and despair. This group is progressing day-by-day.

Impact of KVK

KVK, Reasi regularly impart trainings on SHGs especially for the women farmers. KVK, Reasi also provided extension literature and organized farmers-scientists interaction for the SHG. Around Rs 80/kg are consumed in preparing Parshad and it is sold @ Rs.180/kg. Presently the annual income of group is Rs.3, 01,600. SHG helped to brought the economic upliftment, developed leadership qualities and inculcated great confidence among the group members. With increase in the income of group, the women members get respect from their families and were

recognised by other members of community. By observing the successful result of “Vaishno Devi Mahila Group” in Serwad, the other women of the area are showing keen interest in SHG formation. With the formation of SHG women developed confidence to mitigate their basic needs. A self-reliance and entrepreneurial spirit has been developed among the group members. The members of this SHG has become pillars for growth and sustainability of their families. They have become torchbearers for the other women of the area and now they are advising the other women to form SHGs to come out from the poverty. KVK, Reasi is striving hard for women empowerment through SHGs in Reasi district. The group was awarded by the Union Minister. Dr.Jitendra Singh during his visit at KVK, Reasi in 2016.



XI. KVK Reasi - empowering rural women through ‘kadaknath’ farming

Backyard poultry plays an important role in sustaining the livelihood of farmers. Kadaknath is a very popular breed of poultry and its meat is highly nutritious with many medicinal qualities. It is considered as the only black meat in India. Consuming black meat not only fulfils the nutritional requirements of the family but also provides a source of subsistence income, especially for rural women. Dhirthi is a small village located near Shri Mata Vaishno Devi University (SMVDU), Kakaryal, Reasi. Poor women of the village were rearing the indigenous poultry birds with traditional technologies. The result was poor egg and meat productivity. Realizing an immense scope and demand for kadaknath in the area, KVK, Reasi decided to adopt this village for Kadaknath farming for augmenting and sustaining the income of farm women of the area.

KVK, Reasi Interventions

KVK, Reasi laid out OFTs and FLDs and organised a chain of extension activities especially on Kadaknath farming in Dhirthi village. Women farmers were encouraged and guided for the scientific Kadaknath farming. KVK, Reasi scientists also facilitated the rural women to create the marketing channels for the Kadaknath eggs and meat in Shri Mata Vaishno Devi University (SMVDU) Hostels, Banks, Army areas, Shri Mata Vaishno Devi Narayana Super Speciality Hospital, Jammu etc.

Impact:

Kadaknath farming entirely transformed the lives of the rural women of Dhirthi village. With the conventional backyard poultry farming they were generating only Rs.3800/ unit of 10 birds annually which improved exponentially with the Kadaknath farming to the tune of Rs. 14260/ unit of 10 birds in 2019-20..Kadaknath farming provided a steady income round the year for farm women. This was possible because of technical backstopping and encouragement from KVK scientists. Women farmers from adjoining villages were highly inspired by observing the results of Kadaknath farming in Dhirthi village and they are coming forward in good numbers to adopt and replicate this venture in their respective villages. Efforts of women farmers for the Kadaknath farming were highly appreciated by Hon'able Ex-Governor of J&K, Sh. N.N. Vohra. They were also appreciated by many officers from different departments during their visit in the village.



XII. Impact of activities of KVK Doda

- 40 agro-entrepreneurs in different sub-sectors of agriculture and allied developed in nursery raising, poultry, fishery. Floriculture, vegetable and fruit production developed.
- 20 No. of farmer clubs formed of which 9 got financial assistance from NABARD. Adoption of improved technologies increased by 38.56 percent in the Club Villages and productivity of major crops increased by 28.84 percent with 18.34 percent increase in net returns.
- Commodity village approach was adopted for cultivation and promotion of garlic cultivation in village Malothi of the District. Area under garlic cultivation in the Block Bhalla increased from meager 12 hectares to 80 hectares producing 640 ton garlic with turnover of 1.62 Crores.
- Promotion of diversified farming:- Initially adopted by few farmers of the district but now 180 farmers across 22 villages adopted diversified farming making average annual profit of income of 2.50-2.60 Lac per hectares.
- Commercial cultivation of Marigold: The number of farmers and annual turnover from increased from 5 and 0.4 lakh to 680 and 115.20 lac. Horizontal spread of technology has taken place from 2 to more than 46 villages across the district.
- Promotion of lavender cultivation:- Exposure visits organized by KVK has mobilized the farmers of the district for adoption of lavender cultivation. More than 500 farmers across 28 villages of the District undergoing lavender cultivation and earning Rs 25000-30000 per kanal as against 2800-3000 in conventional agriculture.

- Interventions on promotion of hybrid tomato cultivation in the District resulted more than 6000 farmers across 112 villages of the district undertaking hybrid tomato cultivation. Average per kanal has increased from 2000-3000 to 20000-25000. district emerged as hub of tomato production over the period of time.
- Area under hybrid maize increased from 1500 hectares to 10400 hectares, with average 47.09 percent increase in productivity and 56.72 percent average increase in net return over the existing practices and varieties
- Area under fodder oats has increased from 120 hectares to 3240 hectares across 120 villages of the district. Besides 44.45 percent of area that remained fallow during winters has been put under oats cultivation which has direct impact on fodder availability for cattle.
- Demonstrations on management of paddy blast resulted in the minimization of losses to an average of 56.67 percent in the District. Technology being adopted by 75.42 percent of paddy farmers of the district. 38.32 percent increase in yield has been observed across the district which amounts to 1200 quintals of additional paddy amounting to Rs 3.60 crores
- Area under improved varieties of mustard increased by 38.26 percent with an average 55.80 percent increase in yield and 95.61 percent increase in the economic returns over the existing practices during the period. Vertical and horizontal spread of aphid management practices spread to more than 820 hectares area across 152 villages.
- Vanraja and Chabro breeds of chicks demonstrated through FDs have been widely integrated in the backyard poultry across the district meeting nutritional requirement of rural households

XIII. Impact of activities of KVK Rajouri

Skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Vocational training on Mushroom Cultivation	20	40%	1,23,00	1,52,100
Promotion of Single cross hybrids in maize	550	56%	22950	28500
Pulse cultivation (Mash)	30	73	32500/-	48100/-
Backyard Poultry	60	80	1800/- (03 months)	4500/- (03 months)
Pulse cultivation (Mash)	30	73	32500/-	48100/-
Backyard Poultry	60	80	1800/- (03 months)	4500/- (03 months)
IPM in vegetables	45	82	17600/-	19100/-
Backyard Poultry Farming	210	79	2800/-	11,160/-
Oyster Mushroom Cultivation	26	18	-	21000/ season
Pulse cultivation (Mash)	63	70	27040/-	35464/-
Mushroom Cultivation	40	28	-	28000/-
Use of Pheromone Traps	45	100%	On an average insecticidal sprays reduced from 5 to 3	

XIV. Impact of activities of KVK Samba

KVK Samba continually promoting mushrooms growers in the district. Within a short period of three years KVK has promoted 21 mushroom growers who have increased their income by 25 percent. More than 1100 poultry farmers are directly attached to KVK Samba and getting daily technical information. KVK Samba created 5 Whatsapp groups of poultry farmers and 5 BROADCAST GROUPS OF POULTRY FARMERS. Through these groups farmers are getting daily market rates of different states. KVK Samba is providing postmortem facility for poultry birds. Till date, KVK has promoted 15 entrepreneurs in poultry farming and their income is increased by more than 28 percent. With the intervention of KVK Samba, there is 15 percent increase in area under oilseed from 4800 ha to 5600 ha. The specific impact of various technologies demonstrated by KVK Samba is given below:

Name of specific technology/skill transferred	No. of participants	% of adoption	Impact
Nitrogen Management through Leaf colour chart	50	20	Saved 25-30 kg nitrogen amounting to Rs 1250 per ha
Use of high yielding Okra variety (Jammu Okra -05) in Samba District	20	12	Net returns of Rs 8,000/ from 1 Kanal (0.05 ha)
Intercropping in orchard	30	10	Net returns of Rs 2500/ from 1 Kanal (0.05 ha) as an extra income
Nitrogen Management through Leaf colour chart	70	30	Saved 25-30 kg nitrogen amounting to Rs 1692 per ha
Use of high yielding Okravariety (Jammu Okra -05) in Samba District	30	25	Net returns of Rs 10,000/ from 1 Kanal (0.05 ha)
Intercropping in orchard	25	12	Net returns of Rs 2500/ from 1 Kanal (0.05 ha) as an extra income
Promotion of zero seed drill for wheat sowing	48	12	Net return is Increased 25-30%
Promotion of direct seeded paddy	36	10	Net return is Increased 30-35%
Nitrogen Management through Leaf colour chart	90	45	Saved 25-30 kg nitrogen amounting to Rs 1776 per ha
Use of high yielding Okravariety (Jammu Okra -05) in Samba District	30	25	Net returns of Rs 11,000/ from 1 Kanal (0.05 ha)
Intercropping in orchard	25	12	Net returns of Rs 2500/ from 1 Kanal (0.05 ha) as an extra income
Promotion of zero seed drill for wheat sowing	55	22	Net return is Increased 25-30%
Promotion of direct seeded paddy	45	15	Net return is Increased 30-35%
Promotion of poultry farming	100	50	Net return is increased 25-30%

6.6.9.5. International Collaboration

Latest list of MoUs signed between SKUAST-J and other institutes.

S. No.	MoU signed with	Signed on	Validity/ Period	Purpose
1.	ICAR-Directorate of Mushroom Research, Chambaghat, Solan	12.02.2021	10 years	To establish friendly relationship to promote and accelerate the programmes of academic cooperation in the areas of mutual concern.
2.	Kissan Gurukul, Sahara Jagrati Manch Krishi & Gramin Vikas Sansthan	05.02.2021		For development and promotion of agriculture and allies farming etc. primarily among women farmers.
3.	National Cooperative Development Corporation, New Delhi	19.11.2020	05 Years	Mutual cooperation for advancement of training, action research, consultancy, monitoring, evaluation, system development in issues and areas related to development of the cooperation agriculture and allied sectors etc.
4.	Agriculture Skill Council of India	04.09.2019		For organize training programmes and creation of skilled development centers etc.
5.	Indian Institute of Technology, Hauz Khas, New Delhi-110016	10.01.2018		Unnat Bharat Abhiyan (UBA), mutual synergy and understanding for achieving the objectives of UBA.

6.	Chief Regional Coordinator, Petroleum Conservation Research Association (PCRA) Sanrakshan Bhavan-10, Bhikaji Cama Place, New Delhi-110066	20.06.2018	02 Years	To promote fuel conservation in Agriculture sector in J&K State.
7.	The Indian Council of Agricultural Research- New Delhi	12.03.2018		Cooperation in conducting research through All India Coordinated Research Projects (AICRPs) etc.
8.	M/S Ayurvet Limited 4 th floor, Sugar Plaza, District Centre-Laxmi Nagar, Vikas Marg, Delhi-92.	10.01.2018	03 Years	Cooperation in areas of mutual interests viz research projects for developing new products/technologies.
9.	Shri Mata Vaishno Devi University (SMVDU), Katra.	19.08.2018	03 Years	To promote Academic and Research Cooperation between two SMVDU and SKUAST-J.
10.	The International Crops Research Institute or the Semi-Arid Tropics (ICRISAT), Patancheru-502324, Andhra Pradesh.	14.07.2018	05 Years	The ICRISAT-Patancheru and SKUAST-Jammu desire and intend to develop cooperation and collaboration in research for development, training and other agreed activities.
11.	ICAR- Central Research Institute for Dryland Agriculture, Hyderabad-500059	28.03.2017	1 Years	Updating the District based Agricultural Contingency Plans for Agriculture and allied sectors.

6.6.9.6. Fund Raising through CSR:

Besides, raising assistance in extension activities such as Kisan Melas and Conferences, the year-wise details of funds raised by the University for research through CSR activities are given below:

S. No.	Year	No. of Projects	Budget (Crores)
1	2015-16	106	36.58
2	2016-17	124	44.43
3	2017-18	127	45.26
4	2018-19	128	43.5
5	2019-20	117	40.5
6	2019-20	82	60.5

6.6.9.7. Alumni Support:

The Alumni Association of old students was constituted in 2003 and its executive body was elected. Its regulations and constitution were also approved by the competent authority. However, the response and participation of alumni in this association remained less. The FOA Association has 220 registered members. Their alumni are working as ARS Scientists, Banks, Private drug and other companies, etc. The SKUAST-J Veterinary Alumni Association was formed in the year 2015. There are more than 1000 members in this association adjusted in various departments. Out of them, six are in IAS services, one in Indian Foreign Services, eight in Indian Forest Services, 250 in KAS, 30 as Assistant Professors, 20 in RBC/BSF, 05 in NABARD, 05 in Banking Services, 03 in ARS, 25 working as Private Practitioners, 50 in Private companies, 08 in USA and Australia as Researcher/Clinician. Nevertheless, the alumni of this university are individually (both formally and informally) in contact with their teachers and other authorities of the university.

6.6.10. Certificate of Registrar

I, the **Registrar, SKUAST of Jammu**, hereby certify that the information contained in Sections 6.4, 6.5, 6.6.1 and Section 6.6.9.7 are furnished as per the official records of the University.

J P Sharma
06/05/21
Signature of Registrar with Date and Seal
Registrar
SKUAST-Jammu
Main Campus Chatha

**Placement details of Graduate students of Faculty of Agriculture &
Faculty of Basic Sciences**

Student Placement for the year 2016-17		
S. No.	Name of the student	Name of the Employer
1.	Yogesh	IFFCO
2.	Pankaj Sharma	IFFCO
3.	Zahid Ahemed Malik	IFFCO
4.	Aditya Gupta	Akhil India Pvt. Ltd
5.	Shaiq Jeelani	Akhil India Pvt. Ltd
6.	Amit Handoo	Akhil India Pvt. Ltd
7.	Payal Sharma	Akhil India Pvt. Ltd
8.	Divyansh Verma	Chambal Fertilizers and Chemicals Ltd.
9.	Riya Sharma	Panacea Biotech. Ltd. Chandhigarh
10.	Deeksha Jamwal	Orbit Biotech Ltd. Chandhigarh
11.	Deepika Verma	Orbit Biotech Ltd. Chandhigarh
12.	Sumaira Farooq	Composoft India Pvt. Ltd.
13.	Mandeep Singh	Sun Pharma Ltd. Jammu
14.	Prerna Gupta	Asstt. Prof. LPU, Jalandhar, Punjab
15.	Kapil Choudhary	Punjab National Bank
16.	Yogita Shahni	Punjab National Bank
17.	Sandeep Kumar	Punjab National Bank
18.	Deepak Sharma	Punjab National Bank
19.	Irfan A. Shah	Agriculture Officer, Agril. Deptt. J&K Govt.
20.	Monika Rani	Teacher, J&K Govt.
21.	Tabassum	Teacher, J&K Govt.

Student Placement for the Year 2017-18		
S. No.	Name of student	Name of employer
1.	Manmohan Singh	Chambal Fertilizers and chemicals Ltd
2.	Nidhi Manhas	IFFCO
3.	Abhishek Kanagat	Natural Aerogas, SIDCO Samba
4.	Mohd. Imran Malik	Basix Academy for Building Lifelong Employability Ltd., New Delhi(BABLE)
5.	Ajay Kumar	Gujarat Co-operative Milk Marketing Federation Ltd. AMUL
6.	Sonia Gorkha	Jr. Agril. Asstt. Department of Agriculture, J&K Govt.
7.	Parvani Sharma	Asstt. Prof., Shoolni Univerity, HP
8.	Shanu Pathania	Asstt. Technology Manager, ATMA, HP
9.	Amandeep Kaur	Asstt. Prof. PDM, University, Bahadurgarh
10.	Niraj Singh	SKUAST-J
11.	Vikas Koul	SKUAST-J
12.	Bharat Bhushan	SKUAST-K
13.	Parveen Vaishnav	Punjab National Bank
14.	Supneet Kaur	FCLA, SKUAST-Jammu
15.	Deepika Sharma	FCLA, SSKUAST-Jammu
16.	Sanjeev Kumar	Union Bank of India
17.	Asya Razaq	Sericulture Deptt., J&K Govt.
18.	Abid Hussain Thoker	Teaching

Student Placement for the Year 2018-19		
S. No.	Name of student	Placed in sector
1.	Rajeev Sharma	IFFCO
2.	AbrarJavad	IFFCO
3.	Nupur Sharma	IFFCO
4.	Varun Chauhan	IFFCO
5.	Raj Kumar	SKUAST-J
6.	Vinod Kumar	Range Officer, J&K Forest Department
7.	Sunita Devi	Public sector
8.	Awasi Jan	Public Sector
9.	Sonika Rani	JK Govt.
10.	Versha Bharti	Department of Agriculture, J&K Govt.
11.	Saloni Sadhotra	Public Sector
12.	Shahida Ibrahim	JAEO, Poonch, J&K
13.	Seethiya Mahajan	Khalsa College of Agriculture, Amritsar, Punjab
14.	Nancy Gupta	Asstt. Prof., JK State Higher Education Department
15.	Jebi Sudan	JECRC University, Jaipur
16.	Reetika Mahajan	Asstt. Prof., JK State Higher Education Department
17.	Srishti Bagati	Asstt. Prof., JK State Higher Education Department
18.	Rakhi Sharma	Lecturer, Education Deptt. JK Govt.
19.	Yogesh Kumar	SKUAST-Kashmir
20.	Tanveera Hassan	LPU, Jalandhar
21.	Rohini Bhat	Research Fellow, ICAR
22.	Ramandeep Kour	Mata Gujri College, Fatehgarh Sabib, Punjab
23.	Ashu Sharma	Private Sector
24.	Amit Mondal	Sales Officer, Khaitan Chemicals & Fertilizers Ltd. Assam
25.	Thanlass Norboo	Technical Officer (contractual) CIPMC
26.	Nadia Bashir	Public Sector
27.	Bhumika Kapoor	Research Fellow at RRL, Jammu
28.	Sonika Sharma	DAV College, Jalandar
29.	Kavita Raina	Banking Sector
30.	Sagir Ahmad	JAEO, J&K Agriculture Department.
31.	Kalla Ashok	Young Professional, NAARM
32.	Mangla Ram Baijiya	State Agriculture University
33.	Sonam Sharma	SKUAST-Jammu
34.	Ashwani Kumar	Lokbharti University Sonasar, Gujrat
35.	Gulshan Dogra	Junior Agriculture Assistant
36.	Karandeep Singh Sasar	Food Corporation of India
37.	Faizan Danish	Biostatistician Research Consultancy Services, Doha Qatar
38.	Ashish Bansar	Junior Agriculture Assistant
39.	Amit Kumar	Asstt. Prof. Shoolini University
40.	Ranjith Kumar N.	Bank of Baroda
41.	Diskit Dolkar	SMS, SKUAST-K
42.	Suraksha Chanotra	Contractual Lecturer, Jammu University
43.	Rubia Bukhari	Contractual Lecturer, Jammu University

Student Placement for the Year 2019-20		
S. No.	Name of student	Placed in sector
1.	Aadil Afzal Mir	IFFCO
2.	Shubam Bakshi	Embros India Pvt. Ltd. Taraori, Karnal Haryana
3.	Prabjot Singh	IFFCO
4.	Pawandeep Kour	IFFCO
5.	Parveen Kumar	SKUAST-Kashmir
6.	Deskyong Namgyal	Range Officer, JK Forest Depatt. J&K Govt.
7.	S. Suresh Ramanan	Jr. Scientist, ICAR
8.	T. Yella Venkateshwar	Public Sector
9.	Kanika Sharma	Jr. Scientist, ICAR
10.	Asima Hamid	Asstt. Professor (contractual), Govt. women college, Anantnag
11.	Aarti Heer	Asstt. Prof., J&K Govt. Education Department.
12.	Archana	SKUAST-J
13.	Sapna Bhagat	Asstt. Prof. Baddi University of Merging Sciences & Technology Baddi
14.	Ankit Dayal	Asstt. Prof. , ITM University, Gwalior
15.	Naseer Ahmed	Asstt. Prof., Eternal University H.P
16.	Vanya Bawa	AP, Chandigarh University
17.	Richa Bharti	AP, Chandigarh University
18.	Amardeep Kour	AP, PDM University, Haryana
19.	Neelam Choudhary	AP, PDM University, Haryana
20.	Kiran Lata	DAV College
21.	Ishanka Gahlawat	Corteva, Agriscience
22.	Aryaa Zutshi	RV Informatics, IT solutions Pvt. Ltd.
23.	Kapilashiv Bazigillia	Punjab National Bank
24.	Rinchin Dolkar	SRF, PAU, Ludhiana
25.	Farah Muzamil Khan	Teacher, J&K Govt.
26.	Labzong Stanzin	SMS, SKUAST-J
27.	Shubam Sharma	LPU, Jalandhar
28.	Priyanka Sharma	Business Development Manager, Byjus
29.	Sushmita Ranger	Guest Faculty, University of Horticulture & Forestry, Ranichauri, Uttarakhand
30.	Shubham Rohrla	NDRI, Karnal
31.	Himani Sharma	J&K Bank
32.	Mudasir Ganie	Asstt. Prof. SKUAST-K
33.	Rouf Ahmad Zargar	Junior Agriculture Assistant
34.	Ichpal Singh	Junior Agriculture Assistant
35.	VandhanaBhau	Junior Agriculture Assistant
36.	Anil Kumar Bhagat	Range Officer, J&K Forest Department
37.	Somagiani Pavan Kumar	Sericulture Deptt., Andhra Pradesh
38.	Jahangir Ali	Degree College, Kathua (J&K)
39.	Priya kumari	Teacher (TGT)

Student Placement for the year 2020-21

S. No.	Name of student (Mr./Mrs./Ms)	Placed in sector
1.	Mohd Tahir	IFFCO
2.	Isha Sharma	IFFCO
3.	Jasiya Nazir	Aspacio's work studio. X Navi Mumbai
4.	Nigam Pakhetra	IFFCO
5.	Kum Ankita Agarwal	IDBI Bank
6.	Sanjeev Sangral	IDBI Bank
7.	Kum Rafia Reyaz	IDBI Bank
8.	Arun Singh	IDBI Bank
9.	Khare Pushkar Vijay	HDFC Bank
10.	Yudhishther Singh Bagal	RIMT University Punjab
11.	Rupali Kaushik	Tula's Institute Dhoolkot, Dehradun, Uttarakhan
12.	Suresh Kumar	Bayer Crop Science, Solan
13.	Ambika Bhandari	AP, Chandigarh University
14.	Banti Kumar	Asstt. Prof. CSKHPKV, Palampur
15.	Sonali Mahajan	Asstt. Prof., Govt. Women College, Gandhi Nagar, Jammu
16.	Nishant Jasrotia	SKUAST-Jammu
17.	Rahul Preet Singh	Working in private sector (Feed Company) Chandigarh
18.	Sofi-Imran-Ul-Haq	SRF with PhD Position at Indian Institute of Agricultural Biotechnology, Ranchi
19.	T.S.Buttar	Soil Conservation Deptt. Punjab Govt.
20.	Sajad Hussain	Asstt. Prof., Islamic University of Science & Tech. Kashmir
21.	Sonali Kohli	JKAS, J&K Govt.
22.	Sheikh Mansoor Shafi	Research Associate, SKIMS, Srinagar
23.	Anshu Wali	Project Associate, IIM, Jammu

Placement details of Post-Graduate students of Faculty of Agriculture & Faculty of Basic Sciences

S.No	Name of the Student with Qualification	Public Sector	Year of placement
Division of Agroforestry			
1	Vinod Kumar (J-15-M-428), M.Sc. Forestry	Range Officer, J&K Forest Deptt., J&K (U.T)	2019
2	Anil Kumar Bhagat (J-11-M-240) , M.Sc. Forestry	Range Officer, J&K Forest Deptt., J&K (U.T)	2019
3	Deskyong Namgyal (J-17-D-307-A), M.Sc. Forestry	Range Officer, J&K Forest Deptt., J&K (U.T)	2019
4	S. Suresh Ramanan (J-17-D-308-A), M.Sc. Forestry	Jr. Scientist (Agroforestry), ICAR (through ARS)	2019
5	Khare Pushkar Vijay (J-15-M-431), M.Sc. Forestry	Relationship Manage, HDFC Bank, Mumbai	2020
6	Ranjith Kumar N. (J-16-M-466), M.Sc. Forestry	Agriculture Field Officer; Bank of Baroda	2018
School of Biotechnology			
1	Ms. Sonali Kohli(B.Sc.)	Qualified JKAS	2020
2	Ms. Supneet Kour(M.Sc.)	Field cum Lab Assistant	2017
3	Ms. Deepika(M.Sc.)	Field cum Lab Assistant	2017
Division of Fruit Science			
1	Diskit Dolkar (PhD)	SMS in KVK Leh, SKUAST- Kashmir	2018
2	Ambika Bhandari (PhD)	Assistant Professor in Private University, Punjab University	2021
Division of Agronomy			
1	Ashu Sharma Ph.D.	SMS (SKUAST Jammu)	2019
2	Labzong Stanzin Ph.D.	SMS (SKUAST Jammu)	2019
3	Kapil Bazgalia M.Sc.	Bank Officer; Punjab National Bank	2018
4	Sanjeev Kumar M.Sc.	Bank Officer; Union Bank of India	2017
5	Irfan A. shah Ph.D.	Agricultural Officer; Agricultural Department	2016

Division of Sericulture			
1	Asya Razaq (M.Sc.)	Sericulture Assistant, State Sericulture Development Department, Jammu & Kashmir.	2017
2	Suraksha Chanotra (PhD) Rubia Bukhari (PhD)	Contractual Lecturer, Jammu University	2018
3	Somagiani Pavan Kumar (MSc)	Village Sericulture Assistant, Sericulture Department, Govt. of Andhra Pradesh	2019
Division of Plant Breeding and Genetics			
1	Ashwani Kumar Ph.D.	Wheat Breeder Lokbharti University Sonasar Gujrat	2018
2	Vanya Bawa Ph.D.	Assistant Professor Chandigarh University, Chandigarh	2018
3	Richa Bharti Ph.D.	Assistant Professor Chandigarh University, Chandigarh	2018
4	Neelam Chaudhary Ph.D.	Assistant Professor PDM University Bahadurgarh	2019
5	Amandeep Kaur Ph.D.	Assistant Professor PDM University, Bahadurgarh	2018
6	Vikas Koul M.Sc	FCLA SKUAST-J	2017
7	Niraj Kumar M.Sc	FCLA SKUAST-J	2017
8	Bharat Bhushan M.Sc.	FCLA SKUAST-K	2017
9	Ms. Nadia Bashir (Ph.D.)	Food Safety Officer, J&K	2018
10	Ms. Perna Gupta (Ph.D.)	Assistant Professor, Lovely professional University, Jalandhar, Punjab	2016
11	Sajad Hussain (Ph.D.)	Assistant Professor, Islamic University of Science and Technology Kashmir	2020
12	Himani Sharma (MSc.)	Bank Executive J&K bank Ltd.	2019

Division of Entomology			
1	Parveen Vaishnav	Punjab National Bank	2017
2	Kapil Chowdhary	Punjab National Bank	2016
3	Yogita Shahni	Punjab National Bank	2016
4	Sandeep Kumar	Punjab National Bank	2016
5	Deepak Sharma	Punjab National Bank	2016
6	Gulshan Dogra	Junior Agriculture Asstt	2018
7	Karandeep Singh Sasan	Food Corporation of India	2018
8	Ashish Bansal	Junior Agriculture Asstt	2018
9	Amit Mondal	Coromondal Fertilizer	2019
10	Sonika Sharma	Assistant Professor, DAV University	2019
11	Mudasir Ganie	Assistant Professor SKUAST Kashmir	2019
12	Rouf Ahmad Zargar	Junior Agriculture Asstt.	2019
13	Ichpal Singh	Junior Agriculture Asstt.	2019
14	Vandhana Bhau	Junior Agriculture Asstt.	2019
15	Thanlass Norboo	Scientific Officer NCIPM	2019
16	Shahida Ibrahim	Agriculture Extension Officer	2019
17	Amit Kumar	Asstt Prof, Shoolini University	2018
Division of Vegetable Science & Floriculture			
1	Sonia Gorka	Junior Agriculture Assistant, Department of Agriculture, J&K	2017
2	Sonam Spaldon	Assistant Professor, SKUAST- Kashmir	2018
3	Rinchin Dolkar	SRF, PAU, Ludhiana	2019
4	Farah Muzamil Khan	Teacher, Education Department, JK UT	2019
5	Vaishali	PO, J&K Bank	2021

Division of Extension Education			
1	Dr. Parvani Sharma	Selected as Assistant Professor in Shoolni University Himachal Pradesh on contractual basis.	2018
2	Dr. Yudhishther Singh Bagal	Selected as Assistant Professor in RIMT University Mandi Gobindh Garh, Punjab	2019
3	Mr. Sagir Ahmed	Selected as JAE0 in Agricultural Production Department, J&K	2016
4	Dr. Parveen Kumar	Scientist in SKUAST-Kashmir	2018
5	Dr. Yogesh Kumar	Scientist in SKUAST-Kashmir	2018
6	Ms. Shanu Pathania	Assistant Technology Manager, ATMA, Hamirpur, Himachal Pradesh	2017
Division of Soil Science and Agricultural Chemistry			
1	Suresh Kumar	Bayer Crop Science	2020
2	Jasia Nazir	Aspachio Works	2020
3	T.S. Buttar	Soil Conservation Department, Punjab Govt.	2020
Division of Agricultural Economics and Agri Business Management			
1	Kiran Lata, Ph.D.	Assistant Professor, DAV College, Jalandhar	2019
2	Jehangir Ali	Contractual, Degree College, Kathua	2019
3	Sumaira Farooq, MBA(ABM)	Composoft India Pvt. Ltd.	2016
4	Mandeep Singh, MBA(ABM)	Sun Pharma Ltd. Jammu	2016
5	Shaiq Jeelani, MBA(ABM)	Binary Semantics Ltad. New Delhi	2016
6	Ajay Kumar, MBA(ABM)	Amul Cattle Feed Ltd.	2018
7	Tanveera Hassan, MBA(ABM)	Lovely Professional University, Jalandhar	2018
8	Shubham Sharma, MBA(ABM)	Admission Officer, Lovely Professional University, Jalandhar	2019
9	Priyanka Sharma, MBA(ABM)	Business Development Manager, Byjus	2019
10	Sushmita Rangar, MBA(ABM)	Guest Faculty, Univ. of Horticulture and Forestry, Ranichauri, Uttrakhand	2019
11	Shubham Rohela, MBA(ABM)	NDRI Karnal	2019

Placement details of Graduate students of Faculty of Veterinary Sciences & Animal Husbandry

B.V.Sc. & AH degree holders

S. No.	Name	Registration No.	Month of posting	Place of Posting
1.	Maheep Sharma	J-03-BV-194	October, 2016	Excise Department J&K (Sub-Inspector)
2.	Lovejeet Singh	J-06-BV-379	November, 2016	Accounts Assistant, Finance Department (J&K)
3.	Sheikh Amir Abdullah	J-07-BV-468	September, 2017	J &K Bank Limited
4.	Sahrish Chirag	J-06-BV-392	December, 2017	VAS, Animal Husbandry Deptt., Jammu
5.	Anamika	J-10-BV-652	January, 2018	VAS, Biological Lab. R. S. Pura, Jammu
6.	Yassar Chouhan	J-10-BV-614	May, 2019	VAS, Sheep Husbandry Deptt., Jammu
7.	Vikrant Raina	J-11-BV-686	May, 2019	VAS, Sheep Husbandry Deptt., Jammu
8.	Ishtiaq Ahamd	J-11-BV-673	May, 2019	VAS, Sheep Husbandry Deptt., Jammu
9.	Safier Ahmad Ganai	J-12-BV-723	May, 2019	VAS, Sheep Husbandry Deptt., Jammu
10.	Sumani Sharma	J-12-BV-766	May, 2019	VAS, Sheep Husbandry Deptt., Jammu
11.	Ayaz Ahmad	J-12-BV-793	May, 2019	VAS, Sheep Husbandry Deptt., Jammu
12.	Abhinav Thapa	J-12-BV-913	May, 2019	VAS, Sheep Husbandry Deptt., Jammu
13.	Mohd Iqbal Daing	J-08-BV-508	May, 2019	VAS, Sheep Husbandry Deptt., Jammu
14.	Amandeep Singh	J-12-BV-746	May, 2019	VAS, Sheep Husbandry Deptt., Jammu
15.	Mohd Shafiq	J-13-BV-788	May, 2019	VAS, Sheep Husbandry Deptt., Jammu
16.	Manoj Kumar	J-07-BV-420	May, 2019	VAS, Sheep Husbandry Deptt., Jammu

17.	Qamer Maqbool	J-13-BV-795	May, 2019	VAS, Sheep Husbandry Deptt., Jammu
18.	Komal Bharti	J-14-BV-912	May, 2019	VAS, Sheep Husbandry Deptt., Jammu
19.	Parveen Kumar	J-06-BV-348	May, 2019	VAS, Sheep Husbandry Deptt., Jammu
20.	Ankush Kumar Dogra	J-11-BV-668	May, 2019	VAS, Sheep Husbandry Deptt., Jammu
21.	Rohni Sharma	J-09-BV-576	August, 2019	VAS, Animal Husbandry Deptt., Jammu
22.	Abrar Faheem	J-11-BV-676	August, 2019	VAS, Animal Husbandry Deptt., Budgam, Kmr.
23.	Raashid Ahmed	J-08-BV-510	August, 2019	VAS, Animal Husbandry Deptt., Budgam, Kmr.
24.	Mamta Rani	J-11-BV-709	August, 2019	VAS, Animal Husbandry Deptt., Samba
25.	Priyanka Kumari	J-12-BV-727	August, 2019	VAS, Animal Husbandry Deptt., Samba
26.	Surbhi Mahajan	J-12-BV-745	August, 2019	VAS, Animal Husbandry Deptt., Samba
27.	Faheem Raja	J-06-BV-343	August, 2019	VAS, Animal Husbandry Deptt., Samba
28.	Varun Sharma	J-05-BV-331	August, 2019	VAS, Animal Husbandry Deptt., Samba
29.	Rahul Sharma	J-13-BV-798	September, 2019	VAS, Sheep Husbandry Deptt., Jammu
30.	Khalid Hussain	J-06-BV-354	September, 2019	VAS, Sheep Husbandry Deptt., Jammu
31.	Adnan Tariq	J-10-BV-645	September, 2019	VAS, Sheep Husbandry Deptt., Jammu
32.	Muzaffer Khan	J-04-BV-269	September, 2019	VAS, Sheep Husbandry Deptt., Jammu
33.	Tariq Ahmed	J-12-BV-735	September, 2019	VAS, Sheep Husbandry Deptt., Jammu
34.	Inzamam-Ul-Haq	J-11-BV-680	September, 2019	VAS, Sheep Husbandry Deptt., Jammu
35.	Ashok Vigian	J-10-BV-613	September, 2019	VAS, Sheep Husbandry Deptt., Jammu
36.	Rizwana Zargar	J-06-BV-395	September, 2019	VAS, Sheep Husbandry Deptt., Jammu

37.	Nitika Singh Jalmeria	J-10-BV-648	September, 2019	VAS, Sheep Husbandry Deptt., Jammu
38.	Aastha Sharma	J-13-BV-802	September, 2019	VAS, Sheep Husbandry Deptt., Jammu
39.	Siddharth Mahajan	J-13-BV-841	September, 2019	VAS, Sheep Husbandry Deptt., Jammu
40.	Varun Vaid	J-09-BV-575	September, 2019	VAS, Sheep Husbandry Deptt., Jammu
41.	Amish Bali	J-13-BV-778	September, 2019	VAS, Sheep Husbandry Deptt., Jammu
42.	Manpreet Singh	J-12-BV-754	September, 2019	VAS, Sheep Husbandry Deptt., Jammu
43.	Mehroon Choudhary	J-11-BV-671	September, 2019	VAS, Sheep Husbandry Deptt., Jammu
44.	Mohd Aqub Zargar	J-09-BV-539	September, 2019	VAS, Sheep Husbandry Deptt., Jammu
45.	Ishpal Singh	J-12-BV-714	September, 2019	VAS, Animal Husbandry Deptt., Kathua
46.	Amitoz Kour	J-07-BV-478	September, 2019	VAS, Animal Husbandry Deptt., Jammu
47.	Bilal Ahmad Mir	J-08-BV-496	September, 2019	VAS, Animal Husbandry Deptt., Kathua
48.	Meenakshi Bhagat	J-09-BV-553	September, 2019	VAS, Animal Husbandry Deptt., Jammu
49.	Irafat Ali	J-13-BV-780	September, 2019	VAS, Animal Husbandry Deptt., Doda
50.	Sushil Sharma	J-07-BV-417	September, 2019	VAS, Animal Husbandry Deptt., Kathua
51.	Sahil Raina	J-12-BV-724	September, 2019	VAS, Animal Husbandry Deptt., Kathua
52.	Vaishali	J-13-BV-786	September, 2019	VAS, Animal Husbandry Deptt., Kathua
53.	Anil Kumar	J-10-BV-612	September, 2019	VAS, Animal Husbandry Deptt., Kathua
54.	Priya Sharma	J-11-BV-679	September, 2019	VAS, Animal Husbandry Deptt., Jammu
55.	Rajat Sharma	J-13-BV-781	September, 2019	VAS, Animal Husbandry Deptt., Jammu
56.	Fereed Shmed	J-04-BV-256	September, 2019	VAS, Animal Husbandry Deptt., Jammu

57.	Pooja Dogra	J-10-BV-653	September, 2019	VAS, Animal Husbandry Deptt., Udhampur
58.	Rakshanda Bhagat	J-11-BV-710	September, 2019	VAS, Animal Husbandry Deptt., Udhampur
59.	Parvaiz Sikander Dar	J-09-BV-565	September, 2019	VAS, Animal Husbandry Deptt., Udhampur
60.	Rohan Sharma	J-08-BV-514	September, 2019	VAS, Animal Husbandry Deptt., Udhampur
61.	Tariq Ahmad Padder	J-08-BV-500	September, 2019	VAS, Animal Husbandry Deptt., Shopian, Kmr.
62.	Sanak Sharma	J-07-BV-473	October, 2019	VAS, Animal Husbandry Deptt., Doda
63.	Naveed Anjum	J-13-BV-783	October, 2019	VAS, Animal Husbandry Deptt., Doda
64.	Ravinder Kumar	J-06-BV-352	October, 2019	VAS, Animal Husbandry Deptt., Doda
65.	Bashir Ahmad Malik	J-10-BV-619	October, 2019	VAS, Animal Husbandry Deptt., Ramban
66.	Sumreen Kour	J-09-BV-582	October, 2019	VAS, Sheep Husbandry Deptt., Jammu
67.	Sajad Ahmed Wani	J-05-BV-297	October, 2019	VAS, Sheep Husbandry Deptt., Jammu
68.	Rayees Ahmed Bafanda	J-08-BV-505	October, 2019	VAS, Animal Husbandry Deptt., Ramban
69.	Muzamil Rashid	J-10-BV-629	October, 2019	VAS, Animal Husbandry Deptt., Ramban
70.	Abdul Ahad wani	J-08-BV-498	October, 2019	VAS, Animal Husbandry Deptt., Ganderbal, Kmr.
71.	Mohd Anas Beigh	J-08-BV-526	October, 2019	VAS, Animal Husbandry Deptt., Kishtwar
72.	Mukesh Kumar Thakur	J-10-BV-617	October, 2019	VAS, Animal Husbandry Deptt., Kishtwar
73.	Suneel Singh	J-09-BV-564	October, 2019	VAS, Animal Husbandry Deptt., Kishtwar
74.	Mohd. Younas Beigh	J-08-BV-488	October, 2019	VAS, Animal Husbandry Deptt., Kishtwar
75.	Mohd Umair Akhoon	J-12-BV-719	October, 2019	VAS, Animal Husbandry Deptt., Kishtwar
76.	Sheikh Mohd Usman	J-12-BV-725	October, 2019	VAS, Animal Husbandry Deptt., Kishtwar

77.	Muntazir Mohd Bhat	J-11-BV-688	October, 2019	VAS, Animal Husbandry Deptt., Ganderbal, Kmr.
78.	Javid Ahmad Sofi	J-11-BV-662	October, 2019	VAS, Sheep Husbandry Deptt., Kupwara, Kmr.
79.	Sayar Ahmad Beigh	J-11-BV-678	October, 2019	VAS, Animal Husbandry Deptt., Ramban
80.	Aamir Ul Islam	J-13-BV-776	October, 2019	VAS, Animal Husbandry Deptt., Ramban
81.	Shafqur Majeed Khan	J-07-BV-416	October, 2019	VAS, Animal Husbandry Deptt., Shopian, Kmr.
82.	Rafiq Ahmad Shah	J-09-BV-545	October, 2019	VAS, Animal Husbandry Deptt., Shopian, Kmr.
83.	Farhat Umar Paul	J-09-BV-562	October, 2019	VAS, Animal Husbandry Deptt., Shopian, Kmr.
84.	Rumais Ahmad Bhat	J-08-BV-495	October, 2019	VAS, Animal Husbandry Deptt., Ganderbal, Kmr.
85.	Mohamad Naiem Banday	J-09-BV-563	October, 2019	VAS, Animal Husbandry Deptt., Ganderbal, Kmr.
86.	Pallvi Kesyar	J-09-BV-567	October, 2019	VAS, Animal Husbandry Deptt., Jammu
87.	Suman Bala	J-09-BV-952	October, 2019	VAS, Animal Husbandry Deptt., Jammu
88.	Jameel Ahmad Chauhan	J-10-BV-655	October, 2019	VAS, Animal Husbandry Deptt., Jammu
89.	Jasleen Kour	J-13-BV-815	November, 2019	VAS, Sheep Husbandry Deptt., Jammu
90.	Khan Idrees Mohd	J-07-BV-413	November, 2019	VAS, Sheep Husbandry Deptt., Jammu
91.	Fakhrun Nisa	J-07-BV-462	November, 2019	VAS, Sheep Husbandry Deptt., Jammu
92.	Mohd Rafiq Malik	J-12-BV-718	November, 2019	VAS, Animal Husbandry Deptt., Kulgam, Kmr.
93.	Heema Chambyalia	J-10-BV-654	November, 2019	VAS, Animal Husbandry Deptt., Samba
94.	Neena Kumari	J-11-BV-684	November, 2019	VAS, Animal Husbandry Deptt., Samba
95.	Payal Surekha	J-14-BV-915	November, 2019	VAS, Animal Husbandry Deptt., Samba
96.	Abinash Hansa	J-09-BV-597	November, 2019	VAS, Animal Husbandry Deptt., Samba
97.	Changchup Dorjey	J-09-BV-556	November, 2019	VAS, Animal Husbandry Deptt., Ladakh
98.	Raful Hassan	J-12-BV-730	November, 2019	VAS, Animal Husbandry Deptt., Ladakh
99.	Mudasir Ashraf	J-12-BV-733	November, 2019	VAS, Animal Husbandry Deptt., Pulwama, Kmr.

100.	Sofi Aabid Hussain	J-11-BV-683	November, 2019	VAS, Animal Husbandry Deptt., Bandipora, Kmr.
101.	Mir Mudasar Ahmed	J-04-BV-226	November, 2019	VAS, Animal Husbandry Deptt., Baramulla, Kmr.
102.	Moiien Yousuf	J-08-BV-491	November, 2019	VAS, Animal Husbandry Deptt., Anantnag, Kmr.
103.	Gourav Sharma	J-05-BV-315	December, 2019	VAS, Animal Husbandry Deptt., Udampur
104.	Kacho Mehdi Khan	J-03-BV-182	December, 2019	VAS, Animal Husbandry Deptt., Ladakh
105.	Hamid Nzair Dandroo	J-06-BV-373	December, 2019	VAS, Animal Husbandry Deptt., Anantnag, Kmr.
106.	Bilal Ahmad Malla	J-06-BV-368	December, 2019	VAS, Animal Husbandry Deptt., Anantnag, Kmr.
107.	Samia Irshad	J-12-BV-744	December, 2019	VAS, Animal Husbandry Deptt., Kupwara, Kmr.
108.	Tariq ahmad Malik	J-09-BV-557	December, 2019	VAS, Animal Husbandry Deptt., Anantnag, Kmr.
109.	Suheel Salam Mir	J-04-BV-228	January, 2020	VAS, Animal Husbandry Deptt., Anantnag, Kmr.
110.	Irfan Ahmad Bhat	J-07-BV-414	January, 2020	VAS, Animal Husbandry Deptt., Dooru, Kmr.
111.	Muneeba Shafi Shah	J-10-BV-609	January, 2020	Education Department, (ZEO) Batmaloo, Kmr.
112.	Misbha Amin	J-10-BV-631	January, 2020	VAS, Sheep Husbandry Deptt., Kashmir
113.	Ishtiyag Ali Bhat	J-04-BV-229	February, 2020	VAS, Sheep Husbandry Deptt., Kashmir
114.	Gurdeep Singh	J-07-BV-443	February, 2020	VAS, Sheep Husbandry Deptt., Jammu
115.	Danish Ali Yattoo	J-09-BV-594	February, 2020	VAS, Animal Husbandry Deptt., Kashmir
116.	Tariq Ahmad Bhat	J-09-BV-509	February, 2020	VAS, Animal Husbandry Deptt., Kashmir
117.	Zaffer Iqbal	J-09-BV-555	February, 2020	Revenue Training School, Jammu
118.	Saleem Ahmed	J-05-BV-306	February, 2020	VAS, Animal Husbandry Deptt. Poonch.
119.	Ankit Malik	J-15-BV-933	March, 2021	VAS, Animal Husbandry Deptt., Jammu
120.	Diksha	J-12-BV-749	March, 2021	VAS, Animal Husbandry Deptt., Jammu
121.	Nisha Bharti	J-14-BV-860	March, 2021	VAS, Animal Husbandry Deptt., Jammu
122.	Ankur Abrol	J-11-BV-696	March, 2021	VAS, Animal Husbandry Deptt., Jammu

123.	Isheeta	J-15-BV-954	March, 2021	VAS, Sheep Husbandry Deptt., Jammu
124.	Shakshi Gupta	J-14-BV-853	March, 2021	VAS, Sheep Husbandry Deptt., Jammu
125.	Dheeraj Shavan	J-15-BV-990	March, 2021	VAS, Sheep Husbandry Deptt., Jammu
126.	Mohd Saleem Choudhary	J-07-BV-436	March, 2021	VAS, Sheep Husbandry Deptt., Jammu
127.	Mohd Umer Butt	J-15-BV-949	March, 2021	VAS, Sheep Husbandry Deptt., Jammu
128.	Rajat Sharma	J-13-BV-773	March, 2021	VAS, Sheep Husbandry Deptt., Jammu
129.	Gishali Khullar	J-15-BV-987	March, 2021	VAS, Sheep Husbandry Deptt., Jammu
130.	Sandeep Singh	J-13-BV-774	March, 2021	VAS, Animal Husbandry Deptt., Kathua
131.	Hilal Ramzan Hakeem	J-02-BV-101	March, 2021	VAS, Animal Husbandry Deptt., Gurez
132.	Mehak	J-14-BV-859	March, 2021	VAS, Animal Husbandry Deptt., Kathua
133.	Hunny Sharma	J-11-BV-657	March, 2021	VAS, Animal Husbandry Deptt., Kathua
134.	Aamir Hizaji Mir	J-15-BV-959	March, 2021	VAS, Animal Husbandry Deptt., Gurez
135.	Sonali Choudhary	J-12-BV-761	March, 2021	VAS, Animal Husbandry Deptt., Samba
136.	Sourav Dua	J-07-BV-475	March, 2021	VAS, Animal Husbandry Deptt., Samba
137.	Ashwarya	J-14-BV-889	March, 2021	VAS, Animal Husbandry Deptt., Samba
138.	Anil Pathania	J-02-BV-87	March, 2021	VAS, Animal Husbandry Deptt., Samba
139.	Ambika Meenia	J-15-BV-986	March, 2021	VAS, Animal Husbandry Deptt., Kathua
140.	Owais Altaf Mir	J-10-BV-606	March, 2021	VAS, Animal Husbandry Deptt., Gurez
141.	Shubam Gupta	J-15-BV-919	March, 2021	VAS, Animal Husbandry Deptt., Reasi
142.	Andleeb Qadir Lone	J-14-BV-897	March, 2021	VAS, Animal Husbandry Deptt., Bandipora, Kmr.
143.	Arshaq Asfar	J-11-BV-664	April, 2021	VAS, Animal Husbandry Deptt., Uri, Kmr.
144.	Sikandar Shabab Khan	J-07-BV-410	May, 2021	VAS, Animal Husbandry Deptt., Reasi
145.	Shaheem Goni	J-11-BV-694	May, 2021	VAS, Animal Husbandry Deptt., Baderwah

Placement details of Post-Graduate students of Faculty of Veterinary Sciences & Animal husbandry

Student placement for the year 2016-17		
S. No.	Name of the student	Name of the Employer
1.	Sanku Borkataki	Asstt. Prof., SKUAST-J
2.	Tanuj Kumar Tanwar	Veterinary Officer at Animal Husbandry department, Bikaner, Rajasthan
3.	Pramod Kumar Singh	Veterinary Officer at Animal Husbandry department, Alwar,
4.	Lateef Ahmad Ganie	P.O.J&K Bank Ltd
5.	Insha Kousar Kalem	Asstt. Prof., Abhilashi University, H.P.
6.	Mahrukh Ahmad	Private Sector
7.	Nasir Manzoor Wani	V.A.S. J&K Govt.
8.	Abineet Singh Pandha	Private
9.	Girjesh Upmanyu	Pvt. Practitioner Mathura, UP
10.	Muzahir Ahmad	Pvt. Practitioner, Kashmir
11.	Abhimany Chauhan	VAS J&K Govt., Animal Husbandry department
12.	Akashdeep Singh	Pvt. Practitioner, Jammu
13.	Jaspal Singh	Major, RVC, Kupwara
14.	Attinder Pal Singh	Indian Army
15.	Maneesh Sharma	Professor, Veterinary Clinical complex, LUVAS, Hisar

Students placement for the year (2017-18)		
S. No.	Name of student	Name of employer
1.	Lakshay Mahajan	Research Scientist Pharmaceutical Industry
2.	Akshi Arora	Own Pvt. Clinics, Jammu
3.	Anmol Khajuria	Private Practioners, Jammu
4.	Jagdeep Singh Mann	VAS, J&K Govt ., Animal Husbandry department
5.	Indu Bhushan Bassan	VAS, J&K Govt ., Animal Husbandry department
6.	Gourav Choudhary	VAS, J&K Govt ., Animal Husbandry department
7.	Ankur Sharma	Asstt. Prof./ VSR, SKUAST-Jammu
8.	D.K. Dwivedi	Asstt. Prof./ VSR, SKUAST- Jammu
9.	Avinash Neeraj	Senior Veterinary Officer, Deptt. Of Animal Husbandry and Veterinary Services, Campbell Bay, Andman& Nicobar Island
10.	Aditi Chanoria	ATMA, Kathua (Contractual)
11.	Imran Ahmed Ganai	SKUAST-Kashmir
12.	Mohd. Yousuf Dar	Assistant Professor, Division of Vety. Anatomy at SVPUAT, Meerut.
13.	Sumaiya Bashir Khanday	Asstt. Professor, Khalsa college of Veterinary and Animal Sciences, Amritsar
14.	Sumeet Kaur	Project Assistant, Div. Of Vety Physiology & Biochemistry, FVSc& AH, SKUAST-J
15.	Gurdeep Singh	VAS, J&K Govt.
16.	Jahangir Butt	Vety. Officer, Mirah Pvt. Ltd. Chandigarh
17.	R. Gowri	Veterinary Officer , Tamil Nadu State
18.	Pradeep Pal Singh	Teaching Associate. Veterinary Training & Research Centre, Dholpur, RAJUVAS
19.	Gurpreet Singh	Amul, India
20.	Makhmoor Ahmad Bhat	Established own Business
21.	Parvinder Singh	Private Practice
22.	Sheikh Uzma	Teaching in KhalsaVety. College, Amritsar
23.	Rahul Dev	V.A.S. J&K Govt.
24.	Aradhana Sharma	Pvt. Practioner, Jammu
25.	Faiza Farooq	Working in Pvt. Clinic, at Mumbai
26.	Nazeer Ahmad Dar	Working in Pvt. Clinic, at Mumbai
27.	Kartik Sharma	Research Assistant, GADVASU
28.	Latief Ahmad Mir	VAS J&K Govt ., Sheep Husbandry department
29.	Jyoti Gupta	VAS,J&K Govt, Animal Husbandry department
30.	H.M. Dilnawaz	VAS J&K Govt ., Sheep Husbandry department
31.	Parveez Ahmad Para	Veterinary Assistant surgeon, Sheep Husbandry Dept. (J&K)
32.	Asif Ahmad Bhat	Nodal Officer, NABARD, Chandigarh

Students Placement for the year 2018-19		
S. No.	Name of student	Placed in sector
1.	Faheem Raja	VAS, J&K Govt.
2.	Pallavi Khajuria	Asstt. Professor, College of Veterinary Sciences, RampuraPhul Bhatinda
3.	Rizwana Zargar	Veterinary Assistant Surgeon, J & K State Govt.
4.	Muheet	VAS, J&K Govt.
5.	Sindhu Berian	VAS, J&K Govt.
6.	Bilal Ahmed	VAS, J&K Govt.
7.	Mudser Khan	VAS, J&K Govt.
8.	Muneer Ahmed	VAS, J&K Govt.
9.	Hummera elahi	VAS, J&K Govt.
10.	Raghubir Singh	Asstt. Prof. In Nagaland
11.	Aafreen Wahid Ganai	KAS, J&K Govt.
12.	Rajesh Godara	Asstt. Prof., SKUAST-J
13.	Deepanshu Bhardwaj	Quality control Manager Poultry Processing Unit Chandigarh
14.	Rouf-Ul-Haq	VAS, J&K, Govt.
15.	Rauful Hassan	VAS, J&K Govt.
16.	Kawaljeet Kour	Veterinary Assistant Surgeon, Udhampur, Department of Animal Husbandry, J & K Govt
17.	Neelofar Nabi	Assistant Professor, Tanta University, Shri Ganganagar, Rajasthan
18.	Kawardeep Kour	Asstt. Professor (SS), Div. of Vety Physiology & Biochemistry, FVSc& AH, SKUAST-J, R.S.Pura
19.	Moneesh	VAS J&K Govt ., Sheep Husbandry department
20.	Virampal Singh	Asstt. Commandant, Veterinary, BSF
21.	Aditi Lal Koul	Asstt. Prof. (SG), Div. Of Vety Physiology & Biochemistry, FVSc& AH, SKUAST-J, R.S.Pura
22.	Zaid Bashir Tragwal	Pvt. Practioner, Kashmir
23.	Upasana Sharma	Pvt.Practioner, Jammu
24.	Anmol Watal	Working in Pvt. Clinic, at Jammu
25.	Shah Niwaz Khan	VAS, J&K, Govt.
26.	Savita Chib	Probationary officer in cooperative bank
27.	Shafkat Ahmed Sheikh	VAS, J&K, Govt.

Students Placement for the year 2019-20		
S. No.	Name of student	Placed in sector
1.	Sahil Raina	VAS, J&K, Govt.
2.	Sumeet Kour	Research Asstt. SKUAST-J
3.	SahilAltaf	VAS, J&K, Govt.
4.	Navid Anjum	VAS, J&K, Govt.
5.	Tariq Ahmed	VAS, J&K, Govt.
6.	Rohan Sharma	VAS, J&K, Govt.
7.	Varun Sharma	VAS, J&K, Govt.
8.	Fahad Shahzar	VAS, J&K, Govt.
9.	Rizwan Zeelani	JRF, SKUAST-J
10.	Simranjeet Kour	AP, GADVASU
11.	Parvez Ahmed Para	VAS, J&K, Govt.
12.	Achir	VAS, J&K, Govt.
13.	Adnan	VAS, J&K, Govt.
14.	Fayaz	VAS, J&K, Govt.
15.	Asma Khan	VAS, J&K, Govt.
16.	Rakshanda Bhagat	VAS, J&K, Govt.
17.	Azar Battu	VAS, J&K, Govt.
18.	Gagandeep Singh	AP, GADVASU
19.	Mohsina Mushtaq	AP, GADVASU
20.	Nasir ahmed Wani	VAS, J&K, Govt.
21.	Rohini Sharma	VAS, J&K, Govt.
22.	Mudasir Bashir	VAS, J&K, Govt.
23.	Heena Chambyali	VAS, J&K, Govt.
24.	Irfaan Ashraf	VAS, J&K, Govt.
25.	Afrina Wahed Ganai	KAS Officer, J&K Govt.
26.	Amitoz Kour	VAS, J&K, Govt.
27.	Faizar Javid	SRF, SKUAST-J
28.	Yasir Chauhan	VAS, J&K, Govt.
29.	Padamveer Singh	VAS, J&K, Govt.
30.	Sahil Rattan	VAS, J&K, Govt.
31.	Payal Sulekha	VAS, J&K, Govt.
32.	Sanak Sharma	VAS, J&K, Govt.
33.	Mehroon Choudhury	VAS, J&K, Govt.
34.	Mudasir Mir	VAS, J&K, Govt.
35.	MeenakshiBhagat	VAS, J&K, Govt.
36.	Sankalp Sharma	VAS, J&K, Govt.
37.	Danish Bhytyal	VAS, J&K, Govt.
38.	Rajbot Kour	Asstt. Prof., KhalsaVety. College, Amritsar

39.	Anavil Bhardwar	Asstt. Prof. College of Vety. Science, RampuraPhus, Punjab
40.	Navjot Singh Resum	Technical Executive, Virbac Animal Health India, Ludhiana
41.	Mazar Ali Shah	Veterinary Assistant Surgeon, A.H. Dept. Govt. of J&K.
42.	Dalbir Singh Sudan	Assistant Professor, Khalsa College , Amritsar
43.	Jaan Mohammad Wani	Veterinary Assistant Surgeon, S.H. Dept. ,Govt. of J&K.
44.	Yassar Chouhan	Veterinary Assistant Surgeon, S.H. Dept. Govt. of J&K.
45.	Bhavna	Assistant Professor at Bihar Veterinary College , Patna
46.	Harjyote Singh	Veterinary officer, Venky's India Ltd, Ludhiana
47.	Ankush Proch	Asstt. Prof. GADVASU, Bhatinda
48.	Lucky Thapa	Veterinary Assistant Surgeon, Bani, Kathua Department of Animal Husbandry, J & K Govt
49.	Rayees. A. Bafanda	VAS, Department of Animal Husbandry, J & K Govt
50.	Mohd Younas Beigh	VAS, Department of Animal Husbandry, Banihal, J&K Govt.
51.	Suman Bala	VAS, Department of Animal Husbandry, Banihal, J&K Govt.
52.	Mohd. Anas Beig	VAS, Department of Animal Husbandry, Banihal, J&K Govt.
53.	Salena	Assistant Professor, Shoolini University (H.P)
54.	Adil Majid Bhat	Asstt. Prof. GADVASU
55.	Afaq Amin	Veterinary Assistant Surgeon, Department of Animal Husbandry, UT of J&K, Kashmir
56.	Samreen Kaur	Veterinary Assistant Surgeon, Department of Sheep Husbandry, UT of J&K, Jammu
57.	Raman Sharma	Veterinary Assistant Surgeon, Department of Sheep Husbandry, UT of J&K, Jammu
58.	Mir Mudasir Ahmad	Veterinary Assistant Surgeon, Department of Sheep Husbandry, UT of J&K
59.	Syed Mehmood	Veterinary Assistant Surgeon, Department of Sheep Husbandry, UT of J&K, Leh
60.	Tanveer Ahmad Dar	Veterinary Assistant Surgeon, Department of Sheep Husbandry, UT of J&K
61.	Showkat Ahmad Dar	Veterinary Assistant Surgeon, Department of Sheep Husbandry, UT of J&K
62.	Ashok Kumar Anand	Veterinary Assistant Surgeon, UT of J&K

Students Placement for the year 2020-21		
S. No.	Name of student	Placed in sector
1.	Ankur Abrol	Veterinary Assistant Surgeon, A.H. Dept. Govt. of J&K.
2.	Arshaq Asfar,	Veterinary Assistant Surgeon, S.H. Dept. Govt. of J&K.
3.	Sunil Kumar	Veterinary Assistant Surgeon, S.H. Dept. Govt. of J&K.
4.	Sourab Dua	VAS in Animal Husbandry Department, J&K Govt.
5.	Indica Sharma	International Institute of Veterinary Education and Research, Haryana
6.	Mahrukh Hafiz	Private Job Poultry farming Srinagar
7.	Salena Janjua	Shooloni University (H.P)
8.	Faizan Javed	J & K UT A.H. Dept.
9.	Ufaq Aijaz	Diagnostic laboratory, Australia
10.	RajniKanta Sharma	VAS, JK Govt.
11.	Supreet Singh Dhillion	Veterinary Officer, IIT-Ropar, Punjab
12.	LovishSethi	Assistant Professor, Division of Vety. Anatomy at BhumikaVety. College & Research Institute, Haryana
13.	Moien Javiad	Veterinary Assistant Surgeon, Animal/Sheep Husbandry Department J&K.
14.	Deepika Negi	Veterinary Assistant Surgeon, Himachal Pradesh
15.	Suhasani Tandon	JRF, SKUAST-JAMMU
16.	Saheem Goni	VAS, AHD, Jammu
17.	Sonali Choudhary	VAS, AHD, Jammu
18.	Ankit Kr. Sethi	Paras Nutrition Pvt. Ltd., Moga
19.	Himalaya Kumar	Drools pet food private limited, Rajnandgaon, Chattisgarh
20.	Nisara Khatana	VAS, Animal Husbandry Dept, GoJ&K,
21.	Rauoof Ahmad	VAS, Deptt. Of Sheep Husbandry, J&K Govt.
22.	Pankaj Gupta	Asstt. Prof./ VSR, SKUAST- Jammu
23.	Ashwani Kumar	Veterinary Assistant Surgeon (VAS)J&K Govt.
24.	Mufeeda Tariq	Department of Veterinary Parasitology, Khalsa Veterinary College, Amritsar
25.	Zula Huma	Asstt. Prof. GADVASU, Ludhiana
26.	Harneet Kaur	Research Fellow, GADVASU, Ludhiana
27.	Vaneet Singhal	Private Practice
28.	Sheetal Dogra	Private Practice
29.	Himalini	Private Practice
30.	Kamal Kumar	Private Practice
31.	Radhika Sharma	VAS, Himachal Pradesh Govt.
32.	Md. Saleem Chaoudhary	VAS, Sheep Husbandry Deptt, Thanamandi, Rajouri
33.	Ankush Arora	DVM, Ottawa, Canada

Latest Books acquired for FoA, FBSc during 2017-18 (Subject wise)

S.No.	Title of the book	Author	Publisher	YOP	Qty	Curr.	P. Price	Subject	Invoice #
1	Agricultural Drainage Engineering	H. V. Parmar	SP-Jodh	2014	5	INR	1,100.00	1. Agricultural Engineering	5270
2	Agricultural Drainage Engineering: Field and Laboratory Manual	Parmer,HV	SP-Jodh	2014	4	INR	775.00	1. Agricultural Engineering	5270
3	Basics of Agriculture Engineers (PB)	R K Sharma	Daya	2014	2	INR	140.00	1. Agricultural Engineering	5270
4	Deficit Irrigation Practices	FAO	SP-Jodh	2004	1	INR	1,450.00	1. Agricultural Engineering	5270
5	Post Harvesting Engineering	D.K. Singh	Oxford	2012	10	INR	2,295.00	1. Agricultural Engineering	5270
6	Rain Water Harvesting	D.K. Singh	Oxford	2012	10	INR	2,000.00	1. Agricultural Engineering	5270
7	Rainwater Management: Theory and Practices	M.L. Jat	SP-Jodh	2017	10	INR	3,250.00	1. Agricultural Engineering	5270
8	Remote Sensing Application in Dryland Agriculture	William Galbraith	ABD	2014	10	INR	1,825.00	1. Agricultural Engineering	5270
9	Remote Sensing for Natural Resources Management and Monitoring	Mahesh Gaur et al.	SP-Jodh	2017	1	INR	4,150.00	1. Agricultural Engineering	5270
10	Remote Sensing: Principles and Applications	A.N. Patel & S. Singh	SP-Jodh	2017	10	INR	750.00	1. Agricultural Engineering	5270
11	Soil Water Engineering: Field and Laboratory Manual	Trout, Thomas j et al	SP-Jodh	2012	2	INR	550.00	1. Agricultural Engineering	5270
12	Textbook of Drainage Engineering	Ashok Kumar Gupta	Oxford	2014	10	INR	2,400.00	1. Agricultural Engineering	5270
13	Warehouse Construction: Design and Storage	A.K. Verma	Oxford	2012	10	INR	1,895.00	1. Agricultural Engineering	5270
14	Water Harvesting: A Manual for the Design and Construction of Water Harvesting Schemes for Plant Production	Critchley, Will et al	SP-Jodh	2013	2	INR	600.00	1. Agricultural Engineering	5270
15	Watershed and Drainage	Drick Deep	Oxford	2010	10	INR	1,175.00	1. Agricultural Engineering	5270
16	Watershed Planning and Management: 3rd Revised Edition	Rajveer Singh	Biogreen	2016	2	INR	3,995.00	1. Agricultural Engineering	5270
17	Waste Water Management	Klein Gomes	Oxford	2009	10	INR	1,295.00	1. Agricultural Engineering	5270
18	Soil Dynamics in Tillage and Traction.	William, R. Gill	SP-Jodh	2013	1	INR	3,550.00	1. Agricultural Engineering	5270

19	Soil Dynamics in Tillage and Traction	Vandenberg.	SP-Jodh	2013	1	INR	3,550.00	1. Agricultural Engineering	5270
20	Testing and Evaluation of Agricultural Machinery.	Metha, M.L; Verma, S.R,	Daya	2016	1	INR	1,395.00	1. Agricultural Engineering	5270
21	Practical Plant Breeding	Gupta, S.K.	Agrobios	2016	5	INR	1,200.00	2. Plant Breeding and Genetics	5270
22	Advances in plant physiology: (17 Vols Set)	Hemantaranj	Scientific	2017	2	INR	54,800.00	3. Agronomy	5270
23	Advances in stress physiology of plants	SK panda	Scientific	2017	4	INR	750.00	3. Agronomy	5270
24	Agrotechnology for dryland farming 2nd Ed.	AM Dhopte	Scientific	2017	4	INR	3,950.00	3. Agronomy	5270
25	Biofertilizers technology	S Kannaiyan	Scientific	2014	2	INR	2,995.00	3. Agronomy	5270
26	Climate change and environment	J Sundaresan	Scientific	2013	2	INR	2,750.00	3. Agronomy	5270
27	Climate change adaptation strategies in agriculture and allied sectors	Parsad rao	Scientific	2014	2	INR	2,950.00	3. Agronomy	5270
28	Crop growth simulation modelling and climate change	M Mohanty	Scientific	2015	2	INR	2,950.00	3. Agronomy	5270
29	Crop management	US Walia	Scientific	2015		INR	3,350.00	3. Agronomy	5270
30	Drought mitigation and management	S Kumar	Scientific	2017	1	INR	2,650.00	3. Agronomy	5270
31	Fertilizer and their use 4th Ed	FAO	Scientific	2017	4	INR	575.00	3. Agronomy	5270
32	Glossary of indian crops	NR Das	Scientific	2015	6	INR	1,450.00	3. Agronomy	5270
33	Glossary of terms in crop production	Ramamoorthy	Scientific	2017	4	INR	950.00	3. Agronomy	5270
34	Grassland techniques and management	L N Singh	Scientific	2012	4	INR	750.00	3. Agronomy	5270
35	Guide to laboratory establishment for plant nutrient analysis	M R Mosatara	Scientific	2015	2	INR	1,150.00	3. Agronomy	5270
36	Identification of crop and weed seeds	AF Musli	Scientific	2015	3	INR	1,650.00	3. Agronomy	5270
37	identification of weeds and their control measures	S Singh	SP-Jodh	2014	1	INR	2,650.00	3. Agronomy	5270
38	Legumes in dry areas	D Kumar	SP-Jodh	2012	1	INR	4,000.00	3. Agronomy	5270
39	Organic agriculture and climate change mitigation	URS Niggli	SP-Jodh	2015	6	INR	575.00	3. Agronomy	5270
40	Physiological efficiency for crop improvement	Hemantaranj	SP-Jodh	2015	2	INR	3,950.00	3. Agronomy	5270
41	Physiology of nutrition and environmental stresses on crop productivity	Hemantaranj	SP-Jodh	2014	2	INR	3,990.00	3. Agronomy	5270
42	Plant analysis research methods	SS Narwal	SP-Jodh	2012	4	INR	1,650.00	3. Agronomy	5270
43	Agro-Entrepreneurship	Shakti Ranjan	SP-JODH	2017	1	INR	950.00	4. Agricultural Extension Education	5270

44	Communication Techniques in Farm Extension	Rathakrishnan	SP-JODH	2010	1	INR	1,550.00	4. Agricultural Extension Education	5270
45	Mulberry Cultivation	R.K. Patnaik	Biotech	2017	5	INR	1,300.00	6. Sericulture	5270
46	Silk Culture	Anathanara	Biotech	2008	2	INR	795.00	6. Sericulture	5270
47	Silkworm Crop Protection: Concept and Approaches	Mohd.	Daya	2014	5	INR	1,195.00	6. Sericulture	5270
48	Silkworm Egg Science : Principles and Protocols	T. Singh	Daya	2018	5	INR	1,995.00	6. Sericulture	5270
49	Silkworm Rearing	Anathanaraya	Biotech	2017	5	INR	1,250.00	6. Sericulture	5270
50	Agricultural Production Economics	K. Palanisami	Astral	2011	2	INR	995.00	Agricultural Economics	5270
51	Agricultural Finance and Management	Pranav Desai	Biotech	2017	2	INR	1,500.00	Agricultural Economics	5270
52	Economics of Production and Marketing of Citrus	Anil Bhat	Daya	2012	10	INR	800.00	Agricultural Economics	5270
53	Practicals in Agricultural Economics	Sharma	Daya	2014	10	INR	695.00	Agricultural Economics	5270
54	Economic Efficiency of Maize Production	Arti Sharma	Scholars World	2014	10	INR	895.00	Agricultural Economics	5270
55	Agricultural Statistics: Techniques and Procedures	Mandal, R.C.	Agrobios	2016	5	INR	695.00	10. Statistics & Computer Science	5270
56	Applied Mathematics	Kaliasam	Agrobios	2010	5	INR	1,200.00	10. Statistics & Computer Science	5270
57	Statistical Methods	Dhamu, K. P.	Agrobios	2016	5	INR	1,800.00	10. Statistics & Computer Science	5270
58	Statistical Techniques and Designs	Shelke, D.K.	Agrobios	2011	5	INR	495.00	10. Statistics & Computer Science	5270
59	Catalogue of Indian insects (5 volume)	Fletcher	Daya	2016	1	INR	9,995.00	11. Entomology	5270
60	Crop pest management : At a glance	Rakesh	Daya	2017	3	INR	345.00	11. Entomology	5270
61	Insect and fruits	D K Bhutani	Daya	2016	2	INR	2,495.00	11. Entomology	5270
62	Insect and vegetables	D K Bhutani	Daya	2016	2	INR	1,795.00	11. Entomology	5270
63	Madhumakhi palan : Mahatav, utpadan evm upyog	Sunil K	Daya	2016	1	INR	1,195.00	11. Entomology	5270
64	Non insect pests and their management	Choudhary RK	Biotech	2017	1	INR	1,750.00	11. Entomology	5270
65	Objective Agricultural entomology (pb)	kumar	Daya	2017	1	INR	195.00	11. Entomology	5270
66	Masalon ke keet prabhandan	Shukla	Daya	2018	2	INR	995.00	11. Entomology	5270

67	Pests of ornamental crops	TV sathe	Daya	2017	1	INR	950.00	11. Entomology	5270
68	Question bank on Entomology (PB)	Bishwas	Daya	2017	2	INR	325.00	11. Entomology	5270
69	Textbook of forest entomology (PB)	Sathe TV	Daya	2017	1	INR	1,395.00	11. Entomology	5270
70	A colour handbook of field problems of kharif crops : Identification, treatment and management	Reena Sinha	NIPA	2018	1	INR	2,195.00	11. Entomology	5270
71	Abiotic & Biotic stress Management in Plants: V-01 Abiotic stress	Sinha, B. K	NIPA	2018	2	INR	2,495.00	12. Plant Physiology	5270
72	Abiotic & Biotic stress Management in Plants: V-02 Abiotic stress	Sinha, B. K	NIPA	2018	2	INR	2,495.00	12. Plant Physiology	5270
73	Crop Production in Stress Environment	Johnson, C.	Oxford	2010	3	INR	1,195.00	12. Plant Physiology	5270
74	Environmental Physiology	Hemantaranj	Scientific	2016	2	INR	1,850.00	12. Plant Physiology	5270
75	Nutritional and Physiological Disorders in Crop Plants	Rajendran, C.	Scientific	2009	3	INR	2,150.00	12. Plant Physiology	5270
76	Plant Physiology under Changing Environment	Hemantaran	Scientific	2011	2	INR	2,750.00	12. Plant Physiology	5270
77	Diseases of Fruit Crops	Chowdappa	TTPA	2012	2	INR	4,995.00	13. Plant Pathology (Priority 1)	5270
78	Diseases of Vegetable Crops	Alfred	Biotech	2015	1	INR	900.00	13. Plant Pathology (Priority 2)	5270
79	Annual Review of Plant Pathology Vol 2	Thind	SP-JODH	2004	1	INR	2,650.00	13. Plant Pathology (Priority 2)	5270
80	Annual Review of Plant Pathology Vol 3	Thind	SP-JODH	2005	1	INR	2,650.00	13. Plant Pathology (Priority 2)	5270
81	Annual Review of Plant Pathology Vol 4	Thind	SP-JODH	2008	1	INR	2,650.00	13. Plant Pathology (Priority 2)	5270
82	Annual Review of Plant Pathology Vol 5	Thind	SP-JODH	2013	1	INR	2,695.00	13. Plant Pathology (Priority 2)	5270
83	Frontiers in Microbial Biotechnology and Plant Pathology	Manohara	SP-JODH	2002	1	INR	1,950.00	13. Plant Pathology (Priority 2)	5270

84	Integrated Plant Pathology	Reddy, S M	SP-JODH	2009	1	INR	3,250.00	13. Plant Pathology (Priority 2)	5270
85	Modern Plant Pathology	Dube, H C	Agrobios	2010	1	INR	2,000.00	13. Plant Pathology (Priority 2)	5270
86	Perspective of Plant Pathology in Genomic Era	Chowdappa,	TTPA	2016	1	INR	5,995.00	13. Plant Pathology (Priority 2)	5270
87	Perspectives in Phytopathology	V.P. Agnihotri	TTPA	1989	1	INR	695.00	13. Plant Pathology (Priority 2)	5270
88	A textbook of environmental Science	Vidhya Thakur	SP-Jodh	2016	3	INR	1,200.00	14. Agroforestry	5270
89	Lehninger Principles of Biochemistry: 7th ed.	Nclson DL		2016	3	USD	257.99	15. Biochemistry	5270
90	Kuby Immunology: 7th ed.	Kindt TJ	Freeman	2013	2	USD	164.99	Priority 2	5270
91	Fundamentals of Biochemistry: 5th ed.	Donald Voet	Wiley	2016	2	USD	285.95	Priority 2	5270
92	A Handbook on Irrigation and Drainage	Panigrahi, Balram	NIPA	2013	1	INR	4,200.00	1. Agricultural Engineering	5272
93	Irrigation and Drainage	Lenka	Kalyani		2	INR	650.00	1. Agricultural Engineering	5272
94	Land and water management engineering	V V N Murty	Kalyani		10	INR	500.00	1. Agricultural Engineering	5272
95	Objective Agriculture Engineering: 2nd ed.	Kale, M U & M S Supe	NPH	2014	1	INR	1,495.00	1. Agricultural Engineering	5272
96	A Numerical approach in Agricultural Engineering with Objective	Sanjay Kumar	Kalyani	2015	1	INR	525.00	1. Agricultural Engineering	5272
97	Tractors and Agricultural Machinery	Srinivasan	NIPA	2016	1	INR	1,995.00	2. Plant Breeding and Genetics	5272
98	Plant Breeding (Ed 2016)	Prasad	New Vis		5	INR	320.00	2. Plant Breeding and Genetics	5272
99	Principles of seed Technology Ed. 2013	Phundan Singh	Kalyani	2013	5	INR	295.00	2. Plant Breeding and Genetics	5272
100	Seed Science and Technology Ed. 2014	Ravishankar	Kalyani	2014	5	INR	395.00	2. Plant Breeding and Genetics	5272
101	Plant Breeding Principles and Methods Ed. 2015	B.D. Singh	Kalyani	2015	5	INR	595.00	2. Plant Breeding and Genetics	5272
102	Conservation agriculture technology	R C Singh	NPH	2017	3	INR	3,695.00	3. Agronomy	5272

103	Droughts in agricultural production: Monitoring and management	GSSN Rao	NIPA	2015	4	INR	4,550.00	3. Agronomy	5272
104	Enhancing pulses production: Technologies and strategies	B Gangwar	NIPA	2014	2	INR	4,200.00	3. Agronomy	5272
105	Economics for energy use in cropping system	Chinnappa	NPH	2017	4	INR	1,895.00	3. Agronomy	5272
106	Greenhouse Gas Emission from agriculture: Monitoring, quantification & mitigation	Bhattacharya	NPH	2017	3	INR	3,295.00	3. Agronomy	5272
107	Hill agriculture: Economics and Sustainability	Sharma	NIPA	2014	2	INR	3,850.00	3. Agronomy	5272
108	Irrigation of Crops: Theory, Principles and Practices	R.K.Naresh	NPH	2017	3	INR	4,595.00	3. Agronomy	5272
109	Indian Farming: issues and way forward	PS sabharwal	NPH	2017	4	INR	2,495.00	3. Agronomy	5272
110	Irrigation and nitrogen management in aerobic rice	Biswa R nayak	MRP	2017	2	INR	1,495.00	3. Agronomy	5272
111	Modern technologies for sustainable agriculture	Sunil Kumar	NIPA	2013	2	INR	2,650.00	3. Agronomy	5272
112	MCQ's in soil science and Agronomy	Brajendra	MRP	2017	6	INR	295.00	3. Agronomy	5272
113	Objective agronomy	Kumar Panu	NPH	2017	7	INR	695.00	3. Agronomy	5272
114	Organic farming: Scope & uses of biofertilizers	JDS Panwar	NIPA	2016	2	INR	3,850.00	3. Agronomy	5272
115	Practical Agricultural Meteorology	A K srivastava	NIPA	2011	2	INR	1,150.00	3. Agronomy	5272
116	Pulses in India	A.A.Reddy	NPH	2017	2	INR	3,295.00	3. Agronomy	5272
117	Rainfed agriculture	R.k. nanwal	NIPA	2017	2	INR	2,900.00	3. Agronomy	5272
118	Weeds at a glance	Anil Kumar	NPH	2017	4	INR	2,295.00	4. Agricultural Extension Education	5272
119	Objective Agricultural Extension	Baru Ritura	Kalyani	1st 2015	3	INR	200.00	4. Agricultural Extension Education	5272
120	Textbook of Rural Sociology and Educational Psychology	Mondal, Sagar	Kalyani	1st 2014	3	INR	295.00	4. Agricultural Extension Education	5272
121	Agricultural Extension	Mondal, Sagar	Kalyani	1st 2015	3	INR	350.00	4. Agricultural Extension Education	5272
122	Extension Education	Ranjit Singh	Kalyani	1st 2015	3	INR	700.00	4. Agricultural Extension Education	5272

123	Information Technology-An Effective Tool in Agricultural Communication	Reddy Gagan, Mohan M.	Kalyani	1st 2012	3	INR	225.00	4. Agricultural Extension Education	5272
124	Extension Education- New Horizons	Vasanth R.	Kalyani	1st 2001	3	INR	150.00	4. Agricultural Extension Education	5272
125	Research Methodology in Social Sciences	Shridhar Patil	NIPA	2016	1	INR	1,495.00	4. Agricultural Extension Education	5272
126	Question Bank in Extension Education	Mohammad	NIPA	2015	2	INR	425.00	4. Agricultural Extension Education	5272
127	Recent Trends in Sericulture	Dilip Kumar	NPH	2011	2	INR	2,495.00	6. Sericulture	5272
128	Agriculture Development in India	Anil Bhat	MRP	2018	20	INR	800.00	Agricultural Economics	5272
129	Computers in Agriculture	Manish	NIPA	2017	15	INR	1,495.00	Agricultural Economics	5272
130	Agricultural Economics	I K Meena	NIPA	2018	10	INR	2,495.00	Agricultural Economics	5272
131	Agri-Business Management	J S Amarnath,	SSPH	2015	2	INR	3,650.00	Agricultural Economics	5272
132	Research Methodology in Social Sciences	Shridhar Patil	NIPA	2016	5	INR	1,495.00	Agricultural Economics	5272
133	Hill Agriculture: Economics and Sustainability	Sharma	NIPA	2014	2	INR	3,850.00	Agricultural Economics	5272
134	Fundamentals of Agribusiness Management	F L baernard	MRP	2018	5	INR	2,195.00	Agricultural Economics	5272
135	Agricultural Marketing: Perspectives and Potentials	Anil Bhat	NIPA	2016	20	INR	3,950.00	Agricultural Economics	5272
136	Agricultural Marketing Management	Hatai	NIPA	2016	5	INR	1,295.00	Agricultural Economics	5272
137	Up to date Fruit Science	Bikash Ghosh	NPH	2017	1	INR	2,895.00	8. Fruit Science	5272
138	Under utilized Fruit Crops (Part1 and 2)	S. N. Ghosh,	Jaya	2017	1	INR	12,995.00	8. Fruit Science	5272
139	Botany of Horticultural crops	Ponnuswami,	NPH	2017	1	INR	2,895.00	8. Fruit Science	5272
140	Breeding of fruit crops	Ramachandra	Jaya	2017	1	INR	2,495.00	8. Fruit Science	5272
141	Nursery management of Fruit crops in India	Joshi, P.	Jaya	2017	2	INR	3,295.00	8. Fruit Science	5272
142	Precision farming in Horticulture: approaches and strategies	Swain, S C	Jaya	2017	2	INR	3,895.00	8. Fruit Science	5272
143	Advances in Fruits & Vegetables Processing and Preservation	V.K.Joshi	NIPA	2017	2	INR	3,995.00	9. Food Science Technology (FST)	5272

144	A Handbook for Food Technologies	Poshadari, A.	NIPA	2013	2	INR	3,600.00	9. Food Science Technology (FST)	5272
145	Preservation of Fruits and Vegetables	Srivastava & Kumar	Kalyani	2008	6	INR	395.00	9. Food Science Technology (FST)	5272
146	Food Science	Chauhan, O.P.	NIPA	2013	10	INR	3,650.00	9. Food Science Technology (FST)	5272
147	Laboratory Manual of Microbiology	Roy, A.K.	NIPA	2010	2	INR	850.00	9. Food Science Technology (FST)	5272
148	Question Bank in Post Harvest Technology	Guleria, S.P.S	NIPA	2010	3	INR	275.00	9. Food Science Technology (FST)	5272
149	Cereals Processing and Nutritional Quality	Ram Sewa	NIPA	2010	5	INR	2,250.00	9. Food Science Technology (FST)	5272
150	Post Harvest Management and Processing of Fruits & Vegetables	Sharma, Satish	NIPA	2010	10	INR	950.00	9. Food Science Technology (FST)	5272
151	Cereal Grains: Evaluation, Value Addition & Quality Management.	Saxena, D.C.	NIPA	2013	5	INR	1,800.00	9. Food Science Technology (FST)	5272
152	Quality Control for Value Addition in Food Processing	Dev Raj	NIPA	2011	5	INR	1,450.00	9. Food Science Technology (FST)	5272
153	Biostatistics: Basic Concepts And Methodology	Kushwaha	NIPA	2014	5	INR	1,495.00	10. Statistics & Computer Science	5272
154	Statistical Methods For Agricultural Field Experiments	Katyaj, Vijay	NIPA	2011	5	INR	895.00	10. Statistics & Computer Science	5272
155	Applied Statistics For Agricultural Sciences	D.Venkatesan	NIPA	2014	5	INR	4,200.00	10. Statistics & Computer Science	5272
156	Computers in Agriculture: Fundamentals and Applications	Manish	NIPA	2017	5	INR	1,495.00	10. Statistics & Computer Science	5272
157	Agricultural Statistics: A Guide For Competitive Examinations	Kushwaha	NIPA	2012	5	INR	550.00	10. Statistics & Computer Science	5272
158	Agricultural Statistics: A guide for competitive Examinations	Kushwaha	NIPA	2012	10	INR	550.00	10. Statistics & Computer Science	5272
159	Applied Computational Biology and Statistics in Biotechnology and Bioinformatics	Roy	NIPA	2012	2	INR	5,600.00	10. Statistics & Computer Science	5272
160	Basic concepts in Statistics	Kushwaha	NIPA	2009	5	INR	1,200.00	10. Statistics & Computer Science	5272
161	Objective Agriculture Statistics	Kushwaha	NIPA	2011	5	INR	550.00	10. Statistics & Computer Science	5272
162	The Theory of Sample Surveys and Statistical Decisions	Kushwaha	NIPA	2009	5	INR	1,495.00	10. Statistics & Computer Science	5272
163	Entomology : A textbook	Sehgal P. K.	NIPA	2018	5	INR	295.00	11. Entomology	5272

164	Handbook of Entomology	TV Prasad	New Vishal	2016	5	INR	415.00	11. Entomology	5272
165	Pest management and residue analysis in horticultural crops	Rachna Gulati	NIPA	2013	1	INR	1,695.00	11. Entomology	5272
166	Objective Guide in Entomology	Devinder	NIPA	2017	30	INR	350.00	11. Entomology	5272
167	Pests of vegetables : Bionomics and management	Laskar	NIPA	2015	1	INR	3,850.00	11. Entomology	5272
168	Pesticides : methods of their residue detection	Beena Kumari	NIPA	2010	1	INR	950.00	11. Entomology	5272
169	Ecologically based integrated pest management (Vol –I & II)	D. P. Abrol	NIPA	2016	1	INR	4,850.00	11. Entomology	5272
170	Recent advances in Pollination Biology	D. P. Abrol	Kalyani	2017	2	INR	595.00	11. Entomology	5272
171	Integarted pest management in the tropics (2 vol.)	D. P. Abrol	NIPA	2016	1	INR	7,400.00	11. Entomology	5272
172	Physiological disorders of Fruit Crops	Savreet	NIPA	2013	2	INR	1,450.00	12. Plant Physiology	5272
173	Diagnosing Nutritional Disorders in Field Crops and their Management	Brajendra	NPH	2011	4	INR	1,895.00	12. Plant Physiology	5272
174	Essentials of Environment Science	Dhaliwal GS	Kalyani	2005	5	INR	595.00	14. Agroforestry	5272
175	Agroforestry for increased Production and Livelihood Security	S. K. Gupta	NIPA	2017	1	INR	3,800.00	14. Agroforestry	5272
176	Aromatic Plants: Vol.01. Horticulture Sciences Series	Skaria, B. P. Et.al.	NIPA	2007	1	INR	3,750.00	14. Agroforestry	5272
177	Climate Change and Agroforestry: Adaptation, Mitigation and Livelihood Security	C.B. Pandey	NIPA	2018	1	INR	3,695.00	14. Agroforestry	5272
178	Environmental Changes and Natural Disasters	Babar, Md.	NIPA	2007	1	INR	2,250.00	14. Agroforestry	5272
179	Production Technology of Spices, Aromatic, Medicinal and Plantation Crops	Barche, Swati	NIPA	2016	1	INR	2,350.00	14. Agroforestry	5272
180	Spices, Plantation Crops, Medicinal & Aromatic Plants	Tyagi, S. K.	NIPA	2015	1	INR	4,200.00	14. Agroforestry	5272
181	AGRICULTURE CANNOT WAIT	VOHRA	ACADEMIC	Latest	2	INR	995.00		5289
182	SAFEGUARDING INDIA	VOHRA		Latest	2	INR	499.00		5289
183	NATIONAL WATER POLICY	NAAS	NAAS	Latest	2	INR	550.00		5289
184	100 YEARS OF AGRICULTURAL SCIENCES IN INDIA	NAAS	NAAS	Latest	2	INR	5,000.00		5289
185	Organic Crop Production (Set of 2 Vols.)	Sharma	Kalyani	Latest	2	INR	890.00		5289
186	A colour handbook of field problems of Rabi crops : Identification, treatment and management	Reena Sinha	NIPA	2018	1	INR	2,195.00	11. Entomology	5289
					683				

Books acquired for FVSc & AH during 2017-18 (Subject wise)

S.No.	our S.No	Title of the book	Author	Publisher	YOP	Qty	Curr.	P. Price	Deptt.	Invoice #
1	11	Cattle and Sheep Medicine : Self-Assessment Color Review	Philip R. Scott	Taylor & Francis Inc	2016	1	GBP	31.99	1. Veterinary Medicine (Priority 2)	5271
2	12	Veterinary Gynaecology (9789350847534)	Singh S K	Biogreen	2015	1	INR	3,500.00	5. Veterinary Gynaecology & Obstetrics	5271
3	12	Handbook on Field Veterinary Surgery	MMS Zama	Astral	2015	1	INR	995.00	7. Veterinary Surgery & Radiology	5271
4	8	Veterinary at a Glance	Zahoor A.	Daya	2018	3	INR	595.00	8. Veterinary Animal Husbandry & Extension Education (VAHEE)	5271
5	9	Aadhunik Jaivik Kheti (Modern Organic Farming)	Sengar	Biotech	2014	1	INR	795.00	8. Veterinary Animal Husbandry & Extension Education (VAHEE)	5271
6	10	Agricultural Extension Techniques and Applications	Kalyan	Biotech	2017	1	INR	2,500.00	8. Veterinary Animal Husbandry & Extension Education (VAHEE)	5271
7	11	Biotech's Dictionary of Animal Husbandry	Dinesh ed	Biotech	2014	1	INR	495.00	8. Veterinary Animal Husbandry & Extension Education (VAHEE)	5271
8	12	Communication in Extension Education	M. M. Adhikari	Daya	2015	1	INR	2,495.00	8. Veterinary Animal Husbandry & Extension Education (VAHEE)	5271
9	14	Economics of Organic Farming	Sudheer	Daya	2015	1	INR	995.00	8. Veterinary Animal Husbandry & Extension Education (VAHEE)	5271
10	15	Organic Farming Concepts, Application and Advances	Chand	Daya	2016	1	INR	695.00	8. Veterinary Animal Husbandry & Extension Education (VAHEE)	5271

11	2	Handbook of Dairy Microbiology	Osei G.	Agri-Horti	2017	5	INR	1,495.00	12. Veterinary Public Health & Epidemiology	5271
12	3	Zoonotic Parasites of Livestock Diagnosis and Control	Mohd.	NIPA	2017	30	INR	800.00	12. Veterinary Public Health & Epidemiology	5271
13	5	Scabies in Animals and Humans	Mohd.	NIPA	2017	30	INR	500.00	12. Veterinary Public Health & Epidemiology	5271
14	3	Handbook On Care And Management Of Laboratory And Pet Animals	Rajeshwari, Y.B	NIPA	2009	3	INR	1,550.00	2. Livestock Production Management	5273
15	5	Livestock Economics: Marketing, business management and Accountancy	K.S.Gangadhar	NIPA	2009	3	INR	950.00	2. Livestock Production Management	5273
16	8	Livestock updates	Umesh singh	SSPH	2012	2	INR	1,850.00	2. Livestock Production Management	5273
17	9	Farm animal management : Principles And Practices	Singh, Rana Ranjit	NIPA	2014	2	INR	2,995.00	2. Livestock Production Management	5273
18	10	Dairy Animal Production	Biswajit Roy	NIPA	2015	2	INR	1,795.00	2. Livestock Production Management	5273
19	9	Veterinary Parasitology	Katoch	SSPH	2014	1	INR	2,850.00	3. Veterinary Parsitology	5273
20	5	Reproductive Biotechnology in Buffalo	Prem Singh Yadav	SSPH	2010	1	INR	1,750.00	5. Veterinary Gynaecology & Obstetrics	5273
21	8	Practical Manual of Veterinary Gynaecology & Obstetrics	Madhu	SSPH	2015	2	INR	950.00	5. Veterinary Gynaecology & Obstetrics	5273
22	9	Question Bank of Veterinary Gynaecology , Obstetrics & Andrology	M S Thakur	SSPH	2015	1	INR	1,450.00	5. Veterinary Gynaecology & Obstetrics	5273
23	10	A Practical mannual of Veterinary Gynaecology	Mohtesham	SSPH	2015	1	INR	950.00	5. Veterinary Gynaecology & Obstetrics	5273

24	11	Applied Veterinary Gynaecology and Obstetrics (PB)	Kumar, Pradeep	CBS	2015	1	INR	560.00	5. Veterinary Gynaecology & Obstetrics	5273
25	14	Applied Veterinary Andrology and Frozen Semen Technology	Shukla, M K	NIPA	2011	1	INR	950.00	5. Veterinary Gynaecology & Obstetrics	5273
26	16	Animal Reproduction and Gynaecology a Question Bank	Nishant Kumar	Kalyani	2015	1	INR	395.00	5. Veterinary Gynaecology & Obstetrics	5273
27	19	Immunology of Animal Reproduction	Babu Y.Hari	NIPA	2013	1	INR	1,450.00	5. Veterinary Gynaecology & Obstetrics	5273
28	20	Veterinary Andrology and Artificial Insemination in Domestic Animals	M.K. Tandle	NIPA	2017	1	INR	1,995.00	5. Veterinary Gynaecology & Obstetrics	5273
29	21	Artificial Insemination and Treatment of Infertility in Dairy Animals	Honnappag	NIPA	2010	1	INR	1,495.00	5. Veterinary Gynaecology & Obstetrics	5273
30	2	MCQ in Agriculture Extension	Brajendra	NIPA	2018	5	INR	180.00	8. Veterinary Animal Husbandry & Extension Education	5273
31	3	Organic Farming	Singh, A.K	NIPA	2015	2	INR	1,850.00	8. Veterinary Animal Husbandry & Extension Education	5273
32	4	Research Methodology in Social Sciences	Patil, Sridhar	NIPA	2016	3	INR	1,495.00	8. Veterinary Animal Husbandry & Extension Education	5273
33	5	Traditional Organic Farming Practices	Somasund	NIPA	2018	2	INR	2,295.00	8. Veterinary Animal Husbandry & Extension Education	5273
34	6	Glimpses of Practical in Extension Education	K.Pradhan	NIPA	2018	5	INR	1,495.00	8. Veterinary Animal Husbandry & Extension Education	5273
35	7	Biostatistics for Animal Science	Singh	Oxford	2017	2	INR	2,500.00	8. Veterinary Animal Husbandry & Extension Education	5273
36	4	Analytical Techniques in Animal Nutrition	S. P. Tiwari et al	SSPH	2012	3	INR	2,150.00	9. Animal Nutrition	5273
37	5	Techniques in Animal Nutrition Research	A. Sahoo et al	SSPH	2012	2	INR	2,750.00	9. Animal Nutrition	5273

38	6	Poultry and Ratite Nutrition	Pathak	Narendra	2013	10	INR	2,195.00	9. Animal Nutrition	5273
39	7	Mineral and Vitamin Nutrition of Livestock	S. P. Tiwari et al	SSPH	2013	2	INR	3,450.00	9. Animal Nutrition	5273
40	9	Feeding Farm Animals	S. S. Kundu et al	SSPH	2013	1	INR	2,750.00	9. Animal Nutrition	5273
41	11	Livestock Nutrition: Analytical Techniques	Gopal Krishna	NIPA	2012	2	INR	4,200.00	9. Animal Nutrition	5273
42	1	Rabies: an overview	Charan Kamal Singh	SSPH	2013	2	INR	1,750.00	10. Veterinary Microbiology	5273
43	1	Lesser known Germ plasm of small ruminants	Ramachandr	SSPH	2016	10	INR	1,450.00	11. Animal Genetics and Breeding	5273
44	2	Analysis of Cattle Genome: a tool manual	Rajiv Deb	SSPH	2013	10	INR	1,150.00	11. Animal Genetics and Breeding	5273
45	3	Animal Husbandry Statistics & Computer Applications	Thiagarajan	SSPH	2014	10	INR	1,850.00	11. Animal Genetics and Breeding	5273
46	4	Cytogenetics (Reprint 2015)	B S Singh	SSPH	2015	10	INR	3,450.00	11. Animal Genetics and Breeding	5273
47	5	Principles of Animal Genetics & population Genetics	Thayagara	SSPH	2014	10	INR	1,850.00	11. Animal Genetics and Breeding	5273
48	6	Protocols in Livestock Genome Analysis	Chauhan	SSPH	2014	10	INR	1,950.00	11. Animal Genetics and Breeding	5273
49	7	Principle of Animal Genetics and Population Genetics	Thiagarajan	SSPH	2014	10	INR	1,850.00	11. Animal Genetics and Breeding	5273
50	8	Question Bank on Animal Genetics & Breeding	A K Das	SSPH	2015	10	INR	1,450.00	11. Animal Genetics and Breeding	5273
51	9	Lesser known sheep and goat genetic Resources of India	S Bhatia	Jaya	2017	10	INR	4,295.00	11. Animal Genetics and Breeding	5273
52	10	Handbook of Laboratory Animals	A kumar	Jaya	2017	10	INR	2,295.00	11. Animal Genetics and Breeding	5273
53	11	Fundamentals of Animal Genetics	Vijay Kumar	Kalyani	2017	20	INR	395.00	11. Animal Genetics and Breeding	5273
54	4	A Handbook of Livestock Entrepreneurship	Mohd.	Jaya	2017	30	INR	2,895.00	12. Veterinary Public Health & Epidemiology	5273

List of other common books acquired by Libraries of SKUAST-J during 2017-18

S.No.	Title of the book	Author	Publisher	Qty
1	100 YEARS OF AGRICULTURAL SCIENCES IN INDIA	NAAS	NAAS	2
2	A colour handbook of field problems of kharif crops : Identification, treatment and management	Reena Sinha	NIPA	1
3	A colour handbook of field problems of Rabi crops : Identification, treatment and management	Reena Sinha	NIPA	1
4	A Handbook for Food Technologies	Poshadari, A.	NIPA	2
5	A Handbook of Livestock Entrepreneurship	Mohd.	Jaya	30
6	A Handbook on Irrigation and Drainage	Panigrahi, Balram	NIPA	1
7	A Numerical approach in Agricultural Engineering with Objective	Sanjay Kumar	Kalyani	1
8	A Practical mannual of Veterinary Gynaecology	Mohtesham	SSPH	1
9	A textbook of environmental Science	Vidhya Thakur	SP-Jodh	3
10	Aadhunik Jaivik Kheti (Modern Organic Farming)	Sengar	Biotech	1
11	Abiotic &Biotic stress Management in Plants: V-01 Abiotic stress	Sinha, B. K	NIPA	2
12	Abiotic &Biotic stress Management in Plants: V-02 Abiotic stress	Sinha, B. K	NIPA	2
13	Advances in Fruits & Vegetables Processing and Preservation	V.K.Joshi	NIPA	2
14	Advances in plant physiology: (17 Vols Set)	Hemantaranj	Scientific	2
15	Advances in stress physiology of plants	SK panda	Scientific	4
16	Agri-Business Management	J S Amarnath,	SSPH	2
17	Agricultural Drainage Engineering	H. V. Parmar	SP-Jodh	5
18	Agricultural Drainage Engineering: Field and Laboratory Manual	Parmer,HV	SP-Jodh	4
19	Agricultural Economics	I K Meena	NIPA	10
20	Agricultural Extension	Mondal, Sagar	Kalyani	3
21	Agricultural Extension Techniques and Applications	Kalyan	Biotech	1
22	Agricultural Finance and Management	Pranav Desai	Biotech	2
23	Agricultural Marketing Management	Hatai	NIPA	5
24	Agricultural Marketing: Perspectives and Potentials	Anil Bhat	NIPA	20
25	Agricultural Production Economics	K. Palanisami	Astral	2
26	Agricultural Statistics: A Guide For Competitive Examinations	Kushwaha	NIPA	5
27	Agricultural Statistics: A guide for competitive Examinations	Kushwaha	NIPA	10
28	Agricultural Statistics: Techniques and Procedures	Mandal, R.C.	Agrobios	5
29	AGRICULTURE CANNOT WAIT	SWAMINATAHAN	ACADEMIC	2

30	Agriculture Development in India	Anil Bhat	MRP	20
31	Agro-Entrepreneurship	Shakti Ranjan	SP-JODH	1
32	Agroforestry for increased Production and Livelihood Security	S. K. Gupta	NIPA	1
33	Agrotechnology for dryland farming 2nd Ed.	AM Dhopte	Scientific	4
34	Analysis of Cattle Genome: a tool manual	Rajiv Deb	SSPH	10
35	Analytical Techniques in Animal Nutrition	S. P. Tiwari et al	SSPH	3
36	Animal Husbandry Statistics & Computer Applications	Thiagarajan	SSPH	10
37	Animal Reproduction and Gynaecology a Question Bank	Nishant Kumar	Kalyani	1
38	Annual Review of Plant Pathology Vol 2	Thind	SP-JODH	1
39	Annual Review of Plant Pathology Vol 3	Thind	SP-JODH	1
40	Annual Review of Plant Pathology Vol 4	Thind	SP-JODH	1
41	Annual Review of Plant Pathology Vol 5	Thind	SP-JODH	1
42	Applied Computational Biology and Statistics in Biotechnology and Bioinformatics	Roy	NIPA	2
43	Applied Mathematics	Kaliasam	Agrobios	5
44	Applied Statistics For Agricultural Sciences	D.Venkatesan	NIPA	5
45	Applied Veterinary Andrology and Frozen Semen Technology	Shukla, M K	NIPA	1
46	Applied Veterinary Gynaecology and Obstetrics (PB)	Kumar, Pradeep	CBS	1
47	Aromatic Plants: Vol.01. Horticulture Sciences Series	Skaria, B. P. Et.al.	NIPA	1
48	Artificial Insemination and Treatment of Infertility in Dairy Animals	Honnappag	NIPA	1
49	Basic concepts in Statistics	Kushwaha	NIPA	5
50	Basics of Agriculture Engineers (PB)	R K Sharma	Daya	2
51	Biofertilizers technology	S Kannaiyan	Scientific	2
52	Biostatistics for Animal Science	Singh	Oxford	2
53	Biostatistics: Basic Concepts And Methodology	Kushwaha	NIPA	5
54	Biotech's Dictionary of Animal Husbandry	Dinesh ed	Biotech	1
55	Botany of Horticultural crops	Ponnuswami,	NPH	1
56	Breeding of fruit crops	Ramachandra	Jaya	1
57	Catalogue of Indian insects (5 volume)	Fletcher	Daya	1
58	Cattle and Sheep Medicine : Self-Assessment Color Review	Philip R. Scott	Taylor & Francis Inc	1
59	Cereal Grains: Evaluation, Value Addition & Quality Management.	Saxena, D.C.	NIPA	5
60	Cereals Processing and Nutritional Quality	Ram Sewa	NIPA	5
61	Climate change adaptation strategies in agriculture and allied sectors	Parsad rao	Scientific	2

62	Climate Change and Agroforestry: Adaptation, Mitigation and Livelihood Security	C.B. Pandey	NIPA	1
63	Climate change and environment	J Sundaresan	Scientific	2
64	Communication in Extension Education	M. M. Adhikari	Daya	1
65	Communication Techniques in Farm Extension	Rathakrishnan	SP-JODH	1
66	Computers in Agriculture	Manish	NIPA	15
67	Computers in Agriculture: Fundamentals and Applications	Manish	NIPA	5
68	Conservation agriculture technology	R C Singh	NPH	3
69	Crop growth simulation modelling and climate change	M Mohanty	Scientific	2
70	Crop management	US Walia	Scientific	1
71	Crop pest management : At a glance	Rakesh	Daya	3
72	Crop Production in Stress Environment	Johnson, C.	Oxford	3
73	Cytogenetics (Reprint 2015)	B S Singh	SSPH	10
74	Dairy Animal Production	Biswajit Roy	NIPA	2
75	Deficit Irrigation Practices	FAO	SP-Jodh	1
76	Diagnosing Nutritional Disorders in Field Crops and their Management	Brajendra	NPH	4
77	Diseases of Fruit Crops	Chowdappa	TTPA	2
78	Diseases of Vegetable Crops	Alfred	Biotech	1
79	Drought mitigation and management	S Kumar	Scientific	1
80	Droughts in agricultural production: Mointoring and management	GSSN Rao	NIPA	4
81	Ecologically based integrated pest management (Vol -I & II)	D. P. Abrol	NIPA	1
82	Economic Efficiency of Maize Production	Arti Sharma	Scholars World	10
83	Economics for energy use in cropping system	Chinnappa	NPH	4
84	Economics of Organic Farming	Sudheer	Daya	1
85	Economics of Production and Marketing of Citrus	Anil Bhat	Daya	10
86	Enhancing pulses production: Technologies and strategies	B Gangwar	NIPA	2
87	Entomology : A textbook	Sehgal P. K.	NIPA	5
88	Environmental Changes and Natural Disasters	Babar, Md.	NIPA	1
89	Environmental Physiology	Hemantaranj	Scientific	2
90	Essentials of Environment Science	Dhaliwal GS	Kalyani	5
91	Extension Education	Ranjit Singh	Kalyani	3
92	Extension Education- New Horizons	Vasantha R.	Kalyani	3
93	Farm animal management : Principles And Practices	Singh, Rana Ranjit	NIPA	2

94	Feeding Farm Animals	S. S. Kundu et al	SSPH	1
95	Fertilizer and their use 4th Ed	FAO	Scientific	4
96	Food Science	Chauhan, O.P.	NIPA	10
97	Frontiers in Microbial Biotechnology and Plant Pathology	Manohara	SP-JODH	1
98	Fundamentals of Agribusiness Management	F L baernard	MRP	5
99	Fundamentals of Animal Genetics	Vijay Kumar	Kalyani	20
100	Fundamentals of Biochemistry: 5th ed.	Donald Voet	Wiley	2
101	Glimpses of Practical in Extension Education	K.Pradhan	NIPA	5
102	Glossary of indian crops	NR Das	Scientific	6
103	Glossary of terms in crop production	Ramamoorthy	Scientific	4
104	Grassland techniques and management	L N Singh	Scientific	4
105	Greenhouse Gas Emission from agriculture: Mointoring, quantification & mitigation	Bhattacharya	NPH	3
106	Guide to laboratory establishment for plant nutrient analysis	M R Mosatara	Scientific	2
107	Handbook of Dairy Microbiology	Osei G.	Agri-Horti	5
108	Handbook of Entomology	TV Prasad	New Vishal	5
109	Handbook of Laboratory Animals	A kumar	Jaya	10
110	Handbook On Care And Management Of Laboratory And Pet Animals	Rajeshwari, Y.B	NIPA	3
111	Handbook on Field Veterinary Surgery	MMS Zama	Astral	1
112	Hill agriculture: Economics and Sustainability	Sharma	NIPA	2
113	Hill Agriculture: Economics and Sustainability	Sharma	NIPA	2
114	Identification of crop and weed seeds	AF Musli	Scientific	3
115	identification of weeds and their control measures	S Singh	SP-Jodh	1
116	Immunology of Animal Reproduction	Babu Y.Hari	NIPA	1
117	Indian Farming: issues and way forward	PS sabharwal	NPH	4
118	Information Technology-An EffectiveTool in Agricultural Communication	Reddy Gagan, Mohan M.	Kalyani	3
119	Insect and fruits	D K Bhutani	Daya	2
120	Insect and vegetables	D K Bhutani	Daya	2
121	Integarted pest management in the tropics (2 vol.)	D. P. Abrol	NIPA	1
122	Integrated Plant Pathology	Reddy, S M	SP-JODH	1
123	Irrigation and Drainage	Lenka	Kalyani	2
124	Irrigation and nitrogen management in aerobic rice	Biswa R nayak	MRP	2
125	Irrigation of Crops: Theory, Principles and Practices	R.K.Naresh	NPH	3

126	Kuby Immunology: 7th ed.	Kindt TJ	Freeman	2
127	Laboratory Manual of Microbiology	Roy, A.K.	NIPA	2
128	Land and water management engineering	V V N Murty	Kalyani	10
129	Legumes in dry areas	D Kumar	SP-Jodh	1
130	Lehninger Principles of Biochemistry: 7th ed.	Nelson DL		3
131	Lesser known Germ plasm of small ruminants	Ramachandr	SSPH	10
132	Lesser known sheep and goat genetic Resources of India	S Bhatia	Jaya	10
133	Livestock Economics: Marketing, business management and Accountancy	K.S.Gangadhar	NIPA	3
134	Livestock Nutrition: Analytical Techniques	Gopal Krishna	NIPA	2
135	Livestock updates	Umesh singh	SSPH	2
136	Madhumakhi palan : Mahatav, utpadan evm upyog	Sunil K	Daya	1
137	Masalon ke keet prabhandan	Shukla	Daya	2
138	MCQ in Agriculture Extension	Brajendra	NIPA	5
139	MCQ's in soil science and Agronomy	Brajendra	MRP	6
140	Mineral and Vitamin Nutrition of Livestock	S. P. Tiwari et al	SSPH	2
141	Modern Plant Pathology	Dube, H C	Agrobios	1
142	Modern technologies for sustainable agriculture	Sunil Kumar	NIPA	2
143	Mulberry Cultivation	R.K. Patnaik	Biotech	5
144	NATIONAL WATER POLICY	NAAS	NAAS	2
145	Non insect pests and their management	Choudhary RK	Biotech	1
146	Nursery management of Fruit crops in India	Joshi, P.	Jaya	2
147	Nutritional and Physiological Disorders in Crop Plants	Rajendran, C.	Scientific	3
148	Objective Agricultural entomology (pb)	kumar	Daya	1
149	Objective Agricultural Extension	Baru Ritura	Kalyani	3
150	Objective Agriculture Engineering: 2nd ed.	Kale, M U & M S Supe	NPH	1
151	Objective Agriculture Statistics	Kushwaha	NIPA	5
152	Objective agronomy	Kumar Panu	NPH	7
153	Objective Guide in Entomology	Devinder	NIPA	30
154	Organic agriculture and climate change mitigation	URS Niggli	SP-Jodh	6
155	Organic Crop Production (Set of 2 Vols.)	Sharma	Kalyani	2
156	Organic Farming	Singh, A.K	NIPA	2
157	Organic Farming Concepts, Application and Advances	Chand	Daya	1
158	Organic farming: Scope & uses of biofertilizers	JDS Panwar	NIPA	2

159	Perspective of Plant Pathology in Genomic Era	Chowdappa,	TTPA	1
160	Perspectives in Phytopathology	V.P. Agnihotri	TTPA	1
161	Pest management and residue analysis in horticultural crops	Rachna Gulati	NIPA	1
162	Pesticides : methods of their residue detection	Beena Kumari	NIPA	1
163	Pests of ornamental crops	TV sathe	Daya	1
164	Pests of vegetables : Bionomics and management	Laskar	NIPA	1
165	Physiological disorders of Fruit Crops	Savreet	NIPA	2
166	Physiological efficiency for crop improvement	Hemantaranj	SP-Jodh	2
167	Physiology of nutrition and environmental stresses on crop productivity	Hemantaranj	SP-Jodh	2
168	Plant analysis research methods	SS Narwal	SP-Jodh	4
169	Plant Breeding (Ed 2016)	Prasad	New Vis	5
170	Plant Breeding Principles and Methods Ed. 2015	B.D. Singh	Kalyani	5
171	Plant Physiology under Changing Environment	Hemantaran	Scientific	2
172	Post Harvest Management and Processing of Fruits & Vegetables	Sharma, Satish	NIPA	10
173	Post Harvesting Engineering	D.K. Singh	Oxford	10
174	Poultry and Ratite Nutrition	Pathak	Narendra	10
175	Practical Agricultural Meteorology	A K srivastava	NIPA	2
176	Practical Manual of Veterinary Gynaecology & Obstetrics	Madhu	SSPH	2
177	Practical Plant Breeding	Gupta, S.K.	Agrobios	5
178	Practicals in Agricultural Economics	Sharma	Daya	10
179	Precision farming in Horticulture: approaches and stratgies	Swain, S C	Jaya	2
180	Preservation of Fruits and Vegetables	Srivastava & Kumar	Kalyani	6
181	Principle of Animal Genetics and Population Genetics	Thiagarajan	SSPH	10
182	Principles of Animal Genetics & population Genetics	Thayagara	SSPH	10
183	Principles of seed Technology Ed. 2013	Phundan Singh	Kalyani	5
184	Production Technology of Spices, Aromatic, Medicinal and Plantation Crops	Barche, Swati	NIPA	1
185	Protocols in Livestock Genome Analysis	Chauhan	SSPH	10
186	Pulses in India	A.A.Reddy	NPH	2
187	Quality Control for Value Addition in Food Processing	Dev Raj	NIPA	5
188	Question Bank in Extension Education	Mohammad	NIPA	2
189	Question Bank in Post Harvest Technology	Guleria, S.P.S	NIPA	3
190	Question Bank of Veterinary Gynaecology , Obstetrics & Andrology	M S Thakur	SSPH	1
191	Question Bank on Animal Genetics & Breeding	A K Das	SSPH	10

192	Question bank on Entomology (PB)	Bishwas	Daya	2
193	Rabies: an overview	Charan Kamal Singh	SSPH	2
194	Rain Water Harvesting	D.K. Singh	Oxford	10
195	Rainfed agriculture	R.k. nanwal	NIPA	2
196	Rainwater Management: Theory and Practices	M.L. Jat	SP-Jodh	10
197	Recent advances in Pollination Biology	D. P. Abrol	Kalyani	2
198	Recent Trends in Sericulture	Dilip Kumar	NPH	2
199	Remote Sensing Application in Dryland Agriculture	William Galbraith	ABD	10
200	Remote Sensing for Natural Resources Management and Monitoring	Mahesh Gaur et al.	SP-Jodh	1
201	Remote Sensing: Principles and Applications	A.N. Patel & S. Singh	SP-Jodh	10
202	Reproductive Biotechnology in Buffalo	Prem Singh Yadav	SSPH	1
203	Research Methodology in Social Sciences	Shridhar Patil	NIPA	1
204	Research Methodology in Social Sciences	Shridhar Patil	NIPA	5
205	Research Methodology in Social Sciences	Patil, Sridhar	NIPA	3
206	SAFEGUARDING INDIA	VOHRA		2
207	Scabies in Animals and Humans	Mohd.	NIPA	30
208	Seed Science and Technology Ed. 2014	Ravishankar	Kalyani	5
209	Silk Culture	Anathanara	Biotech	2
210	Silkworm Crop Protection: Concept and Approaches	Mohd.	Daya	5
211	Silkworm Egg Science : Principles and Protocols	T. Singh	Daya	5
212	Silkworm Rearing	Anathanaraya	Biotech	5
213	Soil Dynamics in Tillage and Traction	Vandenberg.	SP-Jodh	1
214	Soil Dynamics in Tillage and Traction.	William, R. Gill	SP-Jodh	1
215	Soil Water Engineering: Field and Laboratory Manual	Trout, Thomas j et al	SP-Jodh	2
216	Spices, Plantation Crops, Medicinal & Aromatic Plants	Tyagi, S. K.	NIPA	1
217	Statistical Methods	Dhamu, K. P.	Agrobios	5
218	Statistical Methods For Agricultural Field Experiments	Katyal, Vijay	NIPA	5
219	Statistical Techniques and Designs	Shelke, D.K.	Agrobios	5
220	Techniques in Animal Nutrition Research	A. Sahoo et al	SSPH	2
221	Testing and Evaluation of Agricultural Machinery.	Metha, M.L; Verma, S.R,	Daya	1
222	Textbook of Drainage Engineering	Ashok Kumar Gupta	Oxford	10
223	Textbook of forest entomology (PB)	Sathe TV	Daya	1
224	Textbook of Rural Sociology and Educational Psychology	Mondal, Sagar	Kalyani	3

225	The Theory of Sample Surveys and Statistical Decisions	Kushwaha	NIPA	5
226	Tractors and Agricultural Machinery	Srinivasan	NIPA	1
227	Traditional Organic Farming Practices	Somasund	NIPA	2
228	Under utilized Fruit Crops (Part1 and 2)	S. N. Ghosh,	Jaya	1
229	Up to date Fruit Science	Bikash Ghosh	NPH	1
230	Veterinary Andrology and Artificial Insemination in Domestic Animals	M.K. Tandle	NIPA	1
231	Veterinary at a Glance	Zahoor A.	Daya	3
232	Veterinary Gynaecology (9789350847534)	Singh S K	Biogreen	1
233	Veterinary Parasitology	Katoch	SSPH	1
234	Warehouse Construction: Design and Storage	A.K. Verma	Oxford	10
235	Waste Water Management	Klein Gomes	Oxford	10
236	Water Harvesting: A Manual for the Design and Construction of Water Harvesting Schemes for Plant Production	Critchley, Will et al	SP-Jodh	2
237	Watershed and Drainage	Drick Deep	Oxford	10
238	Watershed Planning and Management: 3rd Revised Edition	Rajveer Singh	Biogreen	2
239	Weeds at a glance	Anil Kumar	NPH	4
240	Zoonotic Parasites of Livestock Diagnosis and Control	Mohd.	NIPA	30

Annexure IV

Newspapers/Magazines List

S.No.	Newspaper Titles
1	Amar Ujala (Hindi)
2	Daily Excelsior
3	Dainik Jagran (Hindi)
4	Economic Times
5	Employment News (weekly)
6	Hindustan Times
7	Indian Express
8	Kashmir Times
9	State Times
10	The Hindu
11	Times of India
12	Tribune

S.No.	Magazines Titles
1	Outlook
2	India Today
3	Civil Services Refresher
4	The Week
5	Science Reporter
6	Reader/s Digest
7	Chronicle
8	PC Quest

Capacity Buildings and Trainings attended by Faculty of Agriculture

Name of Scientist	Title	Date	Organising institute
Dr. A K Singh	Summer School entitled “Experimental approaches in utilization of Genomics Resources for the improvement of Horticultural crops”	5-25 July 2017	College of horticulture, UHS Campus, Bangalore
Dr Sumita Kumari	Training on Focus Area Science Technology	15.07.18 to 16.09.18	NIPGR, New Delhi
Dr. Manmohan Sharma	Training at National Testing Agency as expert member for Crop Improvement-III (Biotechnology)	11-13 Feb., 2019	Noida, UP
Dr R K Salgotra	Training on “Intellectual property rights in agricultural research & education in India	12-28 September 2020	NAHEP and IP&TM Unit, ICAR New Delhi-110012
Dr. S. K. Singh, Associate Professor	Attended 21 days CAFT training on Perspectives of Plant–microbe interactions in promoting Plant health and disease management	7-27 th September, 2016	G.B.P.U.A &T Pantnagar
Dr. S. K. Singh, Associate Professor	Attended 7 days training programme on Sustaining agricultural and live stock productivity in the scenario of Climate Change	29 th August to 04 September, 2017	SKUAST of Jammu
Dr. Sachin Gupta, Associate Professor	Attended 21 days winter school on Bioactive Compounds from Medicinal Plants: A Wealth of Novelties and Opportunities	1-21 st December, 2016	ICAR- Directorate of Medicinal and Aromatic Plants Research, Anand
Dr. Sachin Gupta,	Attended 5 days Training on Mushroom taxonomy	10-14 th August, 2019	ICAR-DMR, Solan
Dr. Sachin Gupta	Attended 20 days International training workshop on Edible and Medicinal Mushroom Production Technology	7-26 th September, 2017	Institute of Edible Fungi, Shanghai Academy of Agricultural Sciences, Shanghai, China
Dr. Sachin Gupta	Attended 10 days short course on Recent Advances in Production of Biofertilizers and Biopesticides	13-22 nd November, 2019	SKUAST of Jammu

Dr. Sachin Gupta	Worked on “Overexpression of <i>Zea mays</i> phosphoenol pyruvate carboxylase in <i>Arabidopsis thaliana</i> (INSA fellowship)	27 th May to 21 st July, 2019	JNU, New Delhi
Dr. Ranbir Singh,	Attended 5 days Training programme on Quarantine Pathogens: Seed Health Testing and Molecular Diagnostic Techniques	23-27 th September, 2019	NIPHM, Rajendra Nagar, Hyderabad
Dr. A. K. Singh	Attended Ten days training programme on Application of Molecular Epidemiology and Simulation Modeling for Plant Disease Management	13-22nd February, 2019	Punjab Agriculture University, Ludhiana
Dr. Kamlesh Bali	Summer School on ICT USE IN AGRICULTURE	July, 05-25, 2016	PAU, Ludhiana
Dr. Neetu Sharma	21 days ICAR sponsored winter school on Application of Advanced Statistical Tools in Agricultural Research	8 th to 28 th November, 2016	College of Agriculture, UAS, Dharwad
Dr. Manpreet Kour	21 days ICAR sponsored winter school on Application of Advanced Statistical Tools in Agricultural Research	8 th to 28 th November, 2016	Dept. of Agriculture Statistics, UAS, Dharwad
Dr. Meenakshi Gupta	Advances in Climate Resilient Soil Management for Sustainable Hill Agriculture	01-10 November, 2017	Division of Soil Science & Agrl. Chemistry, SKUAST-Jammu
Dr. Manpreet Kour	Advances in climate resilient soil management for sustainable hill agriculture”	01-10 Nov., 2017	SKUAST-Jammu
Dr. Rakesh Kumar	Conservation agricultural practices for enhancing productivity and resource use efficiency in major cropping system	04-13 th February 2020 (10 days)	SKUAST-J
Dr Manpreet Kour	Conservation agricultural practices for enhancing productivity and resource use efficiency in major cropping system”	04-13 th February 2020 (10 days)	SKUAST-J
Dr Manpreet Kour	Advances in fodder production, utilisation and conservation for improving livestock health, productivity and environmental sustainability	20 August - 09 september-2020	ICAR-IGFRI, RRS. Srinagar and NADCL Baramulla

Dr. Rakesh Kumar	Communication skills and Technical Writing”	03-23 th February 2021	Haryana Agricultural University.
Dr. Subhash C Kashyap	CAFT in PBG, ‘enhancing germplasm use through prebreeding evaluation and frontiers.	Oct 24 th 2017 Nov 13 th 2017	Department Of PBG PAU Ludhiana
Dr. Subhash C Kashyap	10 days short course on ‘ Non destructive high throughput phenotyping for gene discovery and development of climate resilient crops	13 th March 2019 to 23 rd March 2019	Department of Plant Physiology IARI, New Delhi
Dr. Subhash C Kashyap	CAFT on Physiological and biotechnological interventions towards climate resilient agriculture	03-01-2020 to 23-01-2020	Rajasthan Agricultural Research Institute, Durgapura, Jaipur
Dr. Subhash C Kashyap	Five days training course on ‘Mentoring and Facilitation Skills for Institutional Mentors’ (online)	27/05/ 20 to 31/05/ 20	F D C, M G.National Council of Rural Education Department of Higher Education, Ministry of H R D, Govt. of India
Dr. Bupesh Kumar	“Recent Analytical Techniques in Statistical Genetics and Genomics”	17 th Jan -6 th Feb. 2017	Indian Agriculture Statistics Research Institute (IASRI), Pusa, New Delhi
Dr. Bupesh Kumar	“Advances in Fodder Production, Utilization and Conservation for improving Livestock health. Productivity and Livestock Sustainability”	20 th Aug. – 9 th Sept. 2020	NADCL, Baramulla, Srinagar (online mode)
Dr. V.B Singh	“Advances in Statistical Modeling and Forecasting in Agriculture”	23 Dec 2016 to 12 Jan 2017.	Indian Agricultural Statistics Research institute, Library Avenue, Pusa New Delhi

Dr. V.B Singh	“Recent Advances in production of Bio-fertilizers and Bio-Pesticides”	November 13-22 2019.	Advance Centre for Horticulture Research Udheywall, SKUAST-Jammu
Dr. Anuradha Saha	10 days training entitled “Recent Advances in Resource Conservation Technologies (RCTs) under Aberrant Climate Change Scenario”	14th to 23rd Nov. 2019	ICAR – Central Research Institute for Jute and Allied Fibres, Nilgunj, Barrackpore, Kolkata-700120
Dr Rajeev Bharat	10 days training entitled “Sustainable Intensification of Brassica Production Systems (SIBPS)”	10-19 th January, 2018	Directorate of Rapeseed Mustard Bharatpur, Rajasthan
Dr. Julie D. Bandral	Advanced strategic processing techniques for oilseed to combat protein-energy malnutrition and augment farmer income	Aug 01 -21 st 2017	CIPHET Ludhiana
Dr. Julie D. Bandral	Innovation in functional foods and nutraceuticals for management of chronic diseases	21 st -30 th January, 2020	Banaras Hindu University, Varanasi
Dr. Julie D. Bandral	Underutilized Plant Species : Future Smart Crops for Food, Nutritional Security and Income Generation	August 20-29, 2020	SKUAST-Kashmir
Dr. Julie D. Bandral	Boosting Immunity Through Horticulture	September 1-9, 2020	Society for Horticulture Research & Development, Ghaziabad, UP
Dr. Julie D. Bandral	Secondary Agriculture for Doubling Farmer’s Income: Using Efficient Technologies	October 5-11, 2020	IDP NAHEP, SKUAST-Kashmir
Dr. Julie D. Bandral	Journey of Pearl Millet – from Land to Lab to Plate	01 to 12 th March 2021	ICAR-IARI, New Delhi
Dr. Julie D. Bandral	Sustainable Development of Secondary Agriculture : Economical, Food-Nutritional and Livelihood Perspective	16 th January to 5 th February 2021	Centre for Advanced Agricultural Science and Technology of Navsari Agricultural University

Dr. Monika Sood	Sustaining agriculture and livestock productivity in the scenario of climatic change	August 29-04 th September, 2017	SKUAST-Jammu
Dr. Monika Sood	Recent Engineering interventions in Food & by-product processing for sustainable growth and profitability	October 5 to 25, 2018	ICAR-CIPHET, Ludhiana
Dr. Monika Sood	Innovation in functional foods and nutraceuticals for management of chronic diseases	21 st -30 th January, 2020	Banaras Hindu University, Varanasi
Dr. Monika Sood	Underutilized Plant Species: Future Smart Crops for Food Nutritional Security and Income Generation	August 20-29, 2020	IDP NAHEP, SKUAST-Kashmir
Dr. Monika Sood	Boosting Immunity through Horticulture	September 1-9, 2020	Society for Horticultural Research and Development, Ghaziabad, UP
Dr. Monika Sood	Secondary Agriculture for Doubling Farmer's Income: Using Efficient Technologies	October 5-11, 2020	IDP NAHEP, SKUAST-Kashmir
Dr. Monika Sood	Journey of pearl millet- From Land to lab	1-12 March 2021.	IARI, New Delhi
Dr. Neeraj Gupta	Exploitation of underutilized fruits of arid and semi arid areas	04 th -24 th Oct, 2016	CIPHET Ludhiana
Dr. Neeraj Gupta	Sustaining agriculture and livestock productivity in the scenario of climatic change	August 29-04 th September, 2017	SKUAST-Jammu
Dr. Neeraj Gupta	Physiological approaches for reducing post harvest losses in fruit and vegetables.	09 th -18 th July, 2018	SKUAST-Kashmir
Dr. Neeraj Gupta	Post harvest management in arid zone	3 rd to 12 th of Dec.,2019	CAZRI Jodhpur
Dr. Parshant Bakshi	10 days refresher course on "Communication and Management Competency Enhancement for Extension professionals"	19-28 February, 2018.	NAARM, Hyderabad
Dr. Parshant Bakshi	07 days training on "Sustaining Agricultural and Livestock Productivity in the Scenario of Climate Change"	29 August to 4 September, 2017	SKUAST-Jammu

Dr. Amit Jasrotia	21 days winter school on “Exploitation of Underutilized Fruits of Arid and Semi-Arid Region”.	4-24 October, 2016	Maharana Pratap University of Agriculture and Technology, Udaipur, Rajasthan.
Dr. Arti Sharma	Advances in climate resilient Soil management for sustainable hill Agriculture	1-10 November, 2017	SKUAST-J under the aegis of Agricultural Education Division, Indian council of Agricultural Research
Dr. Arti Sharma	21 days winter school on “Non-conventional Approaches for Genetic Improvement of Perennial Horticultural Crops”	17 January to 6 February, 2020	Indian Agricultural Research Institute, New Delhi 110012.
Dr. Arti Sharma	One Week online Training on Secondary Agriculture for Doubling Farmers’ Income: Using Efficient Technologies	5-11 October, 2020	Division of Agronomy, Faculty of Agriculture, Wadura-193 201, SKUAST-K
Dr. Kiran Kour	21 days summer school on “Technological Advances for Enhancing Productivity of Horticultural crops”	7-27 June, 2017	PAU, Ludhiana.
Dr. Deep Ji Bhat	21 days winter school on “Exploitation of Underutilized Fruits of Arid and Semi-Arid Region”	4-24 October, 2016	Maharana Pratap University of Agriculture and Technology, Udaipur, Rajasthan
Dr. Akash Sharma	Statistical Advances for Agricultural Data Analysis under Centre of Advanced Faculty Training (CAFT)	3-23 March, 2018	ICAR- Indian Agricultural Statistics Research Institute (IASRI) at Library Avenue, Pusa, New Delhi

Dr. Nirmal Sharma	Technological Advances to minimize wastage of Horticultural Produce	1-21 Nov., 2018	PAU, Ludhiana
Dr. Vikas Abrol	ICT use in Agriculture	5-25 July 2016	Punjab Agriculture University, Ludhiana
Dr. Peeyush Sharma	Recent innovations in management of organic production system	Aug 5 to Aug 25 2016	ICAR-IARI, New Delhi
Dr. Sarabdeep Kour	Refresher course in Life Sciences	6-3-2017 to 26-03-2017	Department of Biotechnology, University of Jammu
Dr. Vikas Sharma	Sustaining Agricultural and Livestock Productivity in The Scenario of Climate Change	29 Aug. to 4 Sept 2017.	SKUAST-Jammu.
Dr. Vikas Sharma	ESRI UC 2019	August 28-29, 2019.	ESRI, New Delhi
Dr. Vivak M Arya	Soil, air and water pollution and mitigation strategies	2 nd Nov 2016 to 22 nd Nov, 2016	Centre for Advanced Faculty Training Department of Soils, PAU-Ludhiana.
Dr. Vivak M Arya	Conservation Agriculture Practices for Enhancing Productivity & Resource use Efficiency in Major Cropping Systems	04 th to 14 th Feb.2020	Division of Agronomy, Faculty Of Agriculture SKUAST-Jammu
Dr. Vivak M Arya	Ten day training course on “Advances in climate resilient soil management for sustainable hill agriculture” SKUAST –J	2018	SKUAST – J
Dr. Vivak M Arya	Five days training programme on hydroponics and its importance	2020	PAU-Ludhiana
Dr. Sarabdeep Kour	10-days training programme on “Advances in Climate Resilient Soil Management for Sustainable Hill Agriculture”	1-10 th Nov. 2017	ACHR, Udheywalla, SKUAST-Jammu
Dr. Sarabdeep Kour	10-days training programme on “Conservation Agriculture Practices for Enhancing Productivity and Resource Use Efficiency in Major Cropping Systems”	04 – 13 th Feb, 2020	SKUAST-J, Chatha

Dr .Renu Gupta	Refresher course of 21 days in life sciences	21 days w.e.f. 6 th march 2017, in life sciences	University of Jammu.
Dr .Renu Gupta	21 days winter school sponsored by ICAR on “Organic Agriculture and soil health”held at centre of advanced Faculty training(CAFT) in organic Farming, Department of Soil Science, Faculty of Agriculture.	February 20 to March 11, 2020	Assam Agricultural university, Jorhat .
Dr .Renu Gupta	Attended two days online training programme on “Effective Utilization of new Age-e-Resources technologies in Agriculture” organized at on 13-14 th August 2020.	13-14 th August 2020.	CAAST,CSAW M,MPKV,Rahuri
Dr .Renu Gupta	Attended one week online international training on “Agriculture 4.0: Precision and Automated Agriculture Technologies”.	28 september to 02 october, 2020.	CAAST,CSAW M,MPKV,Rahuri
Dr .Renu Gupta	Attended ten days online international training programme on “Climate risk assessment and its management through agrometeorological approaches DARS, Rangreth ,SKUAST-Kashmir	21 to 30 Oct., 2020	DARS, Rangreth, SKUAST-Kashmir SKUAST-Kashmir
Dr .Renu Gupta	Twenty days advanced national training Programme On “Recent Scientific interventions and Practices of Sugarcane Breeding,Production and Utilization for Doubling Farmers income’ through online video mode we.f December 01 to 21,2020	we.f December 01 to 21,2020	ICAR-Sugarcane Breeding Institute Coimbatore6410 07, Tamil Nadu & National Agriculture Development Cooperative Ltd. Baramulla – 193103, J & K.
Dr .Renu Gupta	Attended one week online DST Sponsored National Online Training Programme on “Integrated Nutrient Management and Nutrient Budgeting through Advanced Models to Improve Crop Productivity”	18 - 22 January, 2021	ICAR-IISWC, Research Centre, Udhagamandalam, Tamil Nadu.

Dr .Renu Gupta	Attended Three-Week National Online training on “Climate Smart Organic Farming” jointly organized by the during February 15 to March 07, 2021.	February 15 to March 07, 2021.	Mahatma Phule Krishi Vidyapeeth, Rahuri (Maharashtra)
Dr. Akhil Gupta	21-days CAFT training on <i>Extension Led Nutritional Security</i>	04-24 Sept, 2018	ICAR- Indian Agriculture Research Institute, New Delhi
Dr. Akhil Gupta	10-days ICAR training on <i>Advances in Climate Resilient Soil Management for Sustainable Hill Agriculture</i>	01-10 November, 2017	SKUAST- Jammu
Dr. Raj Kumar	21 days CAFT Training Programme on “Enhancement of Aquaculture and water productivity through engineering interventions in biofloc technology, Aquaponics and RAS”	16 th Jan – 05 th Feb, 2020 (21 days)	ICAR-Central Institute of Fisheries Education, Mumbai
Dr. Raj Kumar	International training program (Online mode) on “Secondary Agriculture for doubling farmer’s income: Using efficient technologies” during	5-11 October, 2020 (7 days)	Faculty of Agriculture, Wadura under IDP-NAHEP SKUAST Kashmir
Dr. Raj Kumar	21 days Summer school on “Employment generation through skill oriented Agricultural entrepreneurship development among rural youth”	31 st July to 20 th August, 2017 (21 days)	MPUAT, Udaipur
Dr. Raj Kumar	30 days Massive open online course (MOOC) on “Teaching Management”	1-30 November, 2017	NAARM- ICAR, Hyderabad
Dr. Sandeep Chopra	ICAR sponsored Short Course (10 days) on “ <i>Modern Breeding Strategies for Higher Productivity and Bio-active Health Compounds in Temperate and Exotic High Value Vegetables</i> ”	04 th October to 13 th October, 2017	IARI Regional Research Station, Katrain
Dr. Sandeep Chopra Professor	Ethics & Values in Technical Education in context of National Education Policy	15-19 April, 2021	Delhi Technological University, Delhi

Dr. Satish Kumar Assoc. Prof.	Training on ‘Conservation agriculture practices for enhancing productivity and resource use efficiency in major cropping systems’	4-13 February, 2020	Division of Agronomy, FoA, SKUAST-Jammu.
Dr. Satish Kumar Assoc. Prof.	Online 3 days training program on “Climate change, impact, assessment and mitigation in Agriculture	January 4-6, 2021	Punjab Agricultural University, Ludhiana
Dr. Satish Kumar Assoc. Prof.	Online 10 days training program on “Emerging trends in seed production technology and Quality control framework for effective seed supply chain of Horticultural crops”	28/12/2020 to 6/1/2021	Department of Biotechnology and crop improvement, College of Horticulture, Bidar, UAS Bagalkot, Karnataka
Dr. Manoj Kumar Asstt. Prof.	ICAR sponsored Short Course (10 days) on “ <i>Modern Breeding Strategies for Higher Productivity and Bio-active Health Compounds in Temperate and Exotic High Value Vegetables</i> ”	04 th October to 13 th October, 2017	IARI Regional Research Station, Katrain
Dr. Anil Bhushan Asstt. Prof.	Advanced Techniques and Tools for Functional Genomics in Crops”	October, 04-13, 2017	School of Biotechnology, SKUAST-Jammu
Dr. Anil Bhushan Asstt. Prof.	Ten days National Training Programme on “Plant tissue culture techniques in quality planting material production and crop improvement”	1-10, September, 2016	School of Biotechnology, SKUAST-J
Dr. Sheetal Dogra Asstt. Prof.	ICAR sponsored 21 days training programme on “Farmers Empowerment and Entrepreneurship Development In Agriculture” at Department of Agriculture Extension	24 th October to 13 th November, 2017	College of Agriculture UAS, Dharwar
Dr. Anil Bhushan Asstt. Prof.	ICAR sponsored 21 days training programme on “Innovations in Agricultural Extension for Enhanced Technology Application and Stakeholders Empowerment in context of changed Agrarian Needs” at under CAFT,	05-25, January, 2018	Division of Agril. Extension, ICAR-IARI, New Delhi

Dr. Anil Bhushan Asstt. Prof.	ICAR sponsored Five days National Seed training Programme on “ Quality Seed Production Technology in Cereal Crops “	October,22-26, 2018.	ICAR-Mega Seed Project, Directorate of Research, SKUAST-J
Dr. Anil Bhushan Asstt. Prof.	ICAR sponsored 10 days ICAR sponsored Short Course training programme on: “Recent Advances in Production of biofertilizers and biopesticides”	13-22 November, 2019.	Advanced Centre for Horticultural Research, Udeywalla, SKUAST-Jammu
Dr. Sanjeev Kumar Asstt. Prof.	10 days short training programme on“Recent advances in production of biofertilizers and bio-pesticides	13/11/2019-22/11/2019,	Division of Plant Pathology, SKUAST-Jammu
Dr. Arvinder Singh Asstt. Prof.	Innovative Practices in Extension Research and Evaluation	08-28, Sept., 2020	NAARM, Hyderabad
Dr. Nomita Laishram Asstt. Prof.	Innovative Practices in Extension Research and Evaluation	08-28, Sept., 2020	NAARM, Hyderabad
Dr. R.S. Bandral	21 days training programme on pesticides residue analysis	April 12 to May 2, 2018	NIPHM Hyderabad
Dr. Uma Shankar, Associate Professor	21 days training programme on “Empowering rural youth through Agri-preneurship”	05-25 August 2017	Bihar Agriculture University, Sabour, Bhagalpur, Bihar.
Dr. Amit Kumar Singh, Associate Professor	7 days Training programme on Sustaining agriculture and livestock productivity in the scenario of Climate change	w.e.f. 29 August to 4 September, 2017	SKUAST-Jammu
Dr. Amit Kumar Singh, Associate Professor	Sustaining Agricultural and Livestock Productivity in the scenario of Climate Change	29.8.2017 to 04.9.2017	Directorate of Research, SKUAST of Jammu, Chatha
Dr. Amit Kumar Singh, Associate Professor	Recent advances in production of bio-fertilizers and bio-pesticides	13.11.2019 to 22.11,2019	Advance Centre for Horticulture Research , SKUAST-J, Udheywalla

Dr. Amit Kumar Singh	Recent Advances in Entomology- New dimension to invigorate the insect pest management	7.12. 2020 to 18.12.2020	University of Horticulture Science, Bagalkot, Karnataka
Dr. Devinder Sharm	5 days DST Training on "Capacity Development Programme on Behavioural Adaptation with climate change in Himalayan Region" at Shimla H.P.	19-23 June, 2017	IIFM, Bhopal
Dr. Devinder Sharm	21 Days Winter School on " Designing Modern Crop Pest Combat Strategies with Nematodes and against Nematodes"	January 27th to February 16th, 2016	ICAR- Indian Agricultural Research Institute, New Delhi 110012.
Dr. Bupesh Kumar	"International (OECD) Seed Certification"	11th-12th Sept. 2018	Uttarakhand State Seed and Organic Production Certification Agency, Dehradun
Dr. Devinder Sharm	5 days National training programme on Quality seed production technology of cereal crops	22-26 October 2018	NSR&TC, Varanasi & ICAR Mega seed project at SKUAST- Jammu
Dr. Devinder Sharm	Plantwise M&E stakeholder workshop organized by CABI at New Delhi	24-26th September, 2018	CABI, UK
Dr. Devinder Sharm	3 days Skill development training programme for the trainers (beekeeper)	August 30 to September 1, 2018	ATARI Ludhiana
Dr. Subhash C Kashyap	5 days training programme on "Agricultural mechanization for sustainable Mountain Agriculture" (online)	December 08- 12, 2020	SKUAST- Kashmir and MANAGE
Dr. Subhash C Kashyap	Six days training programme on "Conventional and Molecular Approaches for Crop Improvement under Changing Climatic Scenario" (online)	December 14- 19, 2020	Dryland Agriculture Research Station (DARS) SKUAST- Kashmir

Dr. Subhash C Kashyap	Twelve days training program on 'Journey of Pearl Millet from Land to Lab to Plate'(online)	01-03-2021 to 12-03-2021	Division of Biochemistry IARI, New Delhi
Dr. Devinder Sharma	10 Days Faculty development Programme on Entrepreneurship development	10-21 December, 2018	DST NIMAT Project sponsored at SMVDU, Katra.
Dr. Devinder Sharm	ICAR Sponsored Short Course on Recent Advances in Production of Bio-Fertilizers and Bio-Pesticides	November, 13 – 22, 2019	SKUAST Jammu
Dr. Devinder Sharm	e-Extension in Agriculture and Allied Sector (Online MOOCs)	25th January, 2021 to 31st January, 2021	MANAGE, Hyderabad
Dr. Devinder Sharm	'Basic Requirement on Pesticide Residue Analysis & Equipment Maintenance'	15th to 16th December, 2020	NIPHM Hyderabad
Dr. Devinder Sharm	"Extension PLUS: Expanding the roles of Agricultural Extension "	21-23 December 2020	PAMETI Ludhiana
Dr. Devinder Sharm	online training program on "Climate change, impact, assessment and mitigation in Agriculture"	January 4-6, 2021	PAMETI Ludhiana
Dr. Devinder Sharm	10 days training programme on pest management in horticulture ecosystem	Feb 10-19, 2021	NIPHM Hyderabad

Capacity Buildings and Trainings attended by Faculty of Basic Sciences

- Dr. Brajeshwar Singh Attended three weeks refresher course in Life Science organised by UGC-Human resource Development Centre, University of Jammu, w.e.f. 06/03/2017 to 27/03/2017.
- Dr. M.Iqbal Jeelani participated in the Training Programme on "Recent Advances in Sample Surveys and Survey data analysis using statistical software", w.e.f. 01.12.2017 to 21.12.2017 at ICAR-IASRI, New Delhi
- Dr. Brajeshwar Singh attended National workshop on orientation of scientists and teachers of school, college and University of Foldscope microscopy on Dec 4th, 2018 organised by DBT, GOI at SKUAST-J vide AUJ/SS/Indo-US/FS-DBT/PI-68 Dated 26/11/2018
- Dr. Brajeshwar Singh attended one day training programme on "How to remain happy and handle stress positively" on 14th June, 2019 in SAMETI-J, SKUAST-J.

- Dr. Brajeshwar Singh attended National training” Meta-Omics based method and techniques for understanding microbial community function” held from 10th-19th Dec 2019 at ICAR-NBAIM Mau.
- Dr. M.Iqbal Jeelani Bhat participated in three days online course on “Basics of Data Analytics using R” w.e.f. 27th-29th, July 2020 at Stat Modeler, Pune.
- Dr. M.Iqbal Jeelani Bhat participated in seven days online International Faculty Development Programme on “Recent Advances in Mathematics & Statistics” w.e.f. 3rd – 8th August, 2020.
- Dr. Brajeshwar Singh attended training programme(Online) on “Rodent pest management” organised by National Institute of Plant Health Management, Hyderabad on August 24-28,2020.
- Dr. M. Iqbal Jeelani Bhat participated in Ten days online training programme on “Understanding Biometrical Genetics: Statistical Maneuvering Towards Ensuring Food Security” w.e.f. 07th-16th September, 2020.
- Dr. M. Iqbal Jeelani Bhat participated in five days online training programme on “Google Suite for E-Learning” w.e.f. 21st – 25thSeptember, 2020 at IDP-NAHEP, SKUAST-Kashmir.
- Dr.M.Iqbal Jeelani Bhat participated in one week online training course on “Statistical Data Analysis Using SPSS ” w.e.f, 21st -27th, January 2021 at Science Tech Institute, UP, India, Pune.

Capacity Buildings and Trainings attended by Faculty of Veterinary Sciences & Animal Husbandry

2016-17

- Dr. Ashok Kumar, Assistant Professor attended 21 days advanced training course on “Diagnostic Imaging and minimal invasive surgical techniques in veterinary patients” organized by department of VSR, GADVASU, Ludhiana w.e.f. 5th Oct 2016 to 25th Oct 2016.

2017-18

- Dr. A.K. Pandey, Assistant Professor (VGO), attended 21 days CAFT training on “Application of OMICS tools and techniques for Agricultural Germplasm improvement” at Centre for Agriculture Bioinformatics, ICAR w.e.f. February 09 – March 01, 2018.
- Dr. Nishi Pande, Assistant Professor (VGO), attended short term Training Course on “Embryo transfer training programme for improved calf production in dairy farming” organized by Dept. of Veterinary Gynaecology and Obstetrics, at GADVASU, Ludhiana w.e.f. November15 –November 22, 2017.

- Dr. Pranav Kumar, Assistant Professor (VAHEE), attended first Face to Face (F2F1) training programme on Organic Leadership Course at Nainital organized by IFOAM Organic International, Germany w,e,f October 30- November 6, 2017.
- Dr. Sanjay Agarwal, Assistant Professor (VGO) attended 21 days CAFT programme on “Selection of superior sires, pre-breeding evaluation, quality semen production and fertility optimization in diary animals, an update” at GADVASU, Ludhiana w.e.f. October 24 - November 13, 2017.
- Dr. Sudhir Kumar, Assistant Professor (VGO) attended 21 days training course on “Recent Advances in Stress Genomics for Livestock Production” at IVRI, Izatnagar, Bareilly w. e. f. January 9 - January 29, 2018.

2018-19

- Dr. A.K. Pandey attended 21 days CAFT training programme on “Application of OMICS tools and techniques for Agricultural Germplasm improvement” at Centre for Agriculture Bioinformatics, ICAR w.e.f. February 09 to March 01, 2018.
- Dr. Sudhir Kumar attended 21 days CAFT training course on “Tools for genetic improvement of Animal Welfare and Productivity” at NDRI, Karnal w. e. f. February 25 to March 17, 2019.
- Dr. Arvind Kumar, Assistant Professor attended 21 Days CAFT training programme on Nanotechnological and biochemical techniques for assessing the quality and safety of milk and milk products at NDRI, Karnal from December 1-21, 2018.
- Dr. Kafil Hussain, Assoc. Professor attended 11th Berlin Summer School on Non-invasive Monitoring of Hormones at Endocrine Laboratory, Leibniz Institute for Zoo and wildlife Research (IZW), Berlin, Germany w.e.f. June 25 to June 29, 2018.
- Dr. Rajesh Agrawal, Assoc. Professor and Dr. Abha Tikoo, Asstt. Professor attended training programme on “Applied aspects of statistical modelling and inferences in Veterinary & Animal Sciences” at Guru Angad Dev Veterinary & Animal Sciences University, Ludhiana w.e.f. August 21 to September 10, 2018.
- Dr. R. K. Bhardwaj, Asstt. Professor attended ICAR short course on “An update of molecular and advanced approaches for diagnosis of Parasitic Diseases in Animals” at ICAR-NIVEDI, Bengaluru w.e.f. January 2 to January 11, 2019.
- Dr. Neelesh Sharma, Asstt. Professor attended training programme on “Isolation and purification of outer membrane proteins from anaerobes and determination of their immunoreactivity for protection” at SKUAST-K, Shuhama, Srinagar w.e.f. September 18 to September 27, 2018.
- Dr. Sanku Borkataki, Assistant Professor, attended 21 days ICAR Summer School on “Production and Post-production interventions to increase returns from livestock enterprise: A step towards doubling farmers income” at SKUAST-Kashmir w.e.f. June 19 to July 9, 2019.

2019-20

- Dr. Dharendra Kumar, Asstt. Prof., AGB Attended 21days training programme on "Advance Statistical Analysis of Breeding Data" At ICAR-IASRI, New Delhi w.e.f. August 27 -September 16, 2019
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- Dr. Dibyendu Chakraborty, Asstt. Prof., AGB Attended 21 days training programme on “Phenomics and Genomic Evaluation of Dairy Animals for Sustainable Production” ICAR-NDRI, Karnal, Haryana January 2-22, 2020
- Dr. A. K. Pathak Assistant Professor (SS) Attended ICAR Sponsored Short Course (10 days) on “DNA Techniques in Forensic Food Analysis” at ICAR-National Research Centre on Meat, Hyderabad-500092. w.e.f October 14-23 October, 2019
- Dr. Pranav Kumar, Asstt. Prof. (VAHEE) Acted as resource person in Model Training Course (MTC) sponsored by Directorate of Extension, Ministry of Agriculture and Farmer's Welfare, GOI, New Delhi on “Innovative entrepreneurial approaches in Hill farming systems for doubling farmer’s income” at Dr. G.C. Negi College of Veterinary and Animal Sciences, CSK HPKV, Palampur. 27th September, 2019
- Dr. Sudhir Kumar, Asstt. Prof. Certificate of successfully completion with distinction in a online course on “Conservation Agriculture-based Sustainable Intensification (CASI)” Offered by Centre for Continuing Education (CCE), IIT Kanpur, India and Commonwealth of Learning (COL), Canada. started on 12-02-2020 (6 week)
- Dr. Nishi Pande, Asstt. Prof. Model Training Course on “Ultrasonography evaluation of ovarian and genital status for evaluation of fertility in dairy farming” Organized by Dept. of Veterinary Gynaecology and Obstetrics, GADVASU, Ludhiana. Nov.01st-08th,2019
- Dr. R. K. Bhardwaj Attended Advanced training programme on Diagnosis and Management of Chronic Gastroenteropathies and Renal Diseases in Dogs DBT-GADVASU-Canine Research Centre and Networks, Multispeciality Animal Hospital, GADVASU w.e.f 2nd-3d March, 2020.
- Dr. S. R. Upadhyay Attended ICAR Winter School entitled Clinical Application of stem cells in animals Bareilly at IVRI01/11/19 to 21/11/19
- Dr. Rajesh Godara Attended training programme on "Current status, Emerging issues and Future scenario regarding conservation of indigenous breeds of livestock" At CVAS, RAJUVAS, Bikaner November 05-25, 2019

2020-21

- Dr. Nawab Nashiruddullah, Professor & Head attended Online Training Programme on Community Based Disaster Risk Management (CBDRM) for Northern States (Part I) organized by Mahatma Gandhi State Institute of Public Administration, Punjab in collaboration with National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India from 29 September to 01 October 2020
- Dr. Sanku Borkataki, Asstt. Professor, Parasitology attended 21 days training programme
- Dr. Sudhir Kumar attended 21 days online training programme on “Innovative Practices in Extension Research and Evaluation” Organized by ICAR-NAARM, Hyderabad during 08-28 September, 2020.
- Dr. Anil Kumar Pandey attended Four Days Online Training Programme on “Contemporary approached for sustainable livestock farming in hilly areas” w.e.f. October 20-23, 2020. Organized by MANAGE, Hyderabad and SKUAST-Jammu.
- Dr. Anil Kumar Pandey attended One Week Online International Training Programme on “Secondary Agriculture for doubling Farmers Income: using efficient technologies”, w.e.f. October 5-11, 2020. Organized by Division of Agronomy, FOA, SKUAST-K, Wadhoora, Sopore, Baramulla, Kashmir.
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- Dr. Pratiksha Raghuwanshi participated in E-Refresher course on 21st Century: The era of Biotechnology from 3rd September to 20th October 2020, Department of Biotechnology, AKS University, Satna - M.P.
- Dr. Pratiksha Raghuwanshi participated in 10 days training on “Updates in Biochemical mechanisms and its interpretations in Veterinary and Animal Sciences for Veterinary clinical applications 21st to 30th September, 2020, Deptt. Of Vety. Biochemistry, C. V. Sc. and A. H., Parbhani, MAFSU, Nagpur,
- Dr. Aditi Lal Koul participated in 10 days training on “Updates in Biochemical mechanisms and its interpretations in Veterinary and Animal Sciences for Veterinary clinical applications 21st to 30th September, 2020, Deptt. Of Vety. Biochemistry, C. V. Sc. and A. H., Parbhani, MAFSU, Nagpur,
- Dr. Ankur Sharma, Assistant Professor of this division attended online one week short term course on Entrepreneurship: A way of thinking from 28/09/2020 to 02/10/2020.
- Dr. Pratiksha Raghuwanshi participated in Eleven days online training programme on “Advance diagnostic approaches: A preparation to combat new challenges of Veterinary Science 19-31st October 2020, at NDVSU, Jabalpur, M.P.
- Dr. Pratiksha Raghuwanshi participated in MOOCs online training programme on “Contemporary Approaches for Sustainable Livestock Farming in Hilly Areas 20-23rd October 2020, MANAGE, Hyderabad in collaboration with SKUAST, Jammu.
- Dr. Aditi Lal Koul participated in 10 days online training on “Recent Advances in Analytical Biochemistry techniques, its applications and interpretations” 2-11th November, 2020, Dept. of Veterinary Biochemistry, College of Veterinary and Animal Sciences, Parbhani
- Dr. Pratiksha Raghuwanshi, Three days online training course on “Advances in mammary tumor diagnosis and treatment 15-17th December 2020 GADVSU, Ludhiana,
- Dr. Shalini Suri, Prof. & Head attended online MOOCs programme on “Contemporary Approaches for Sustainable Livestock Farming in Hilly areas” held from 20-23rd October, 2020 organised by MANAGE, Hyderabad, India.
- Dr. Shalini Suri, Prof. & Head attended 3 days Training Course on advances in mammary tumour diagnosis and treatment organised by college of Animal Biotechnology of GADVASU sponsored by Department of Biotechnology, GoI on 15th, 16th and 17th December 2020.
- Dr. Kamal Sarma, Professor attended online MOOCs programme on “Contemporary Approaches for Sustainable Livestock Farming in Hilly areas” held from 20-23rd October, 2020 organised by MANAGE, Hyderabad, India.
- Dr. Jasvinder Singh Sasan, Assistant Professor participated in e-training on “Biocomputational Interventions to Analyze Canine and Livestock Genomes” organized by College of Animal Biotechnology, GADVASU, Ludhiana from 6th to 9th October, 2020.

- Dr. Jasvinder Singh Sasan, Assistant Professor attended 21 days National Training Course on “Technology Interventions Towards Transformation of Agriculture, Sericulture, Animal Husbandry and Allied Sectors into Sustainable Enterprises for Atmanirbhar Bharat” jointly organized by Agro Environment Development Society (AEDS), India, Central Sericulture Research & Training Institute (CSRTI), Central Silk Board-Ministry of Textiles-Government of India, Mysuru, Karnataka, Bioved Research Institute of Agriculture, Technology & Sciences, Thavalakuppam, Puducherry via virtual mode held from October 11-31, 2020.
- Dr. Jasvinder Singh Sasan, Assistant Professor attended OIE Virtual Training Series on Rabies Diagnosis for SAARC Region, Organised by World Organisation for Animal Health (OIE) and KVAFSU-CVA Rabies Diagnostic Laboratory-OIE Reference Laboratory for Rabies, Department of Veterinary Microbiology, Hebbal, Bengaluru - 560024 Karnataka, INDIA w.e.f. 5th November, 2020-6th November, 2020.
- Dr. Jasvinder Singh Sasan, Assistant Professor attended DBT training programme on “Emerging Bacterial Infections of Canine with special reference to Leptospirosis” organized by College of Animal Biotechnology, GADVASU, Ludhiana w.e.f. 14-15 December, 2020.
- Dr. Jasvinder Singh Sasan, Assistant Professor attended Online Training Programme on “Advance Diagnostic Approaches: A preparation to Combat New Challenges of Veterinary Science” Organised by College of Veterinary Science and Animal Husbandry, Mhow from 19-31 October, 2020.
- Dr. A. K. Pathak participated in One Week National e-Training on “Wildlife Conservation and Management” organized by College of Forestry, Dr. Panjabrao Deshmukh Krishi Vidyapeeth Akola, Maharashtra, India during 2nd to 6th October, 2020.
- Dr. S A Khandi attended an online MOOCS programme on Innovative Ideas for Entrepreneurship Development in Livestock Sector from 14-21 September, 2020, organised by MANAGE Hyderabad, India
- Dr Pranav Kumar, Assistant Professor attended Training program on “Innovative Ideas for Entrepreneurship Development in Livestock Sector” w.e.f 14-17 September 2020, organised by MANAGE, Hyderabad
- Dr. Ankur Sharma, Assistant Professor attended online one week short term course on Entrepreneurship: A way of thinking from 28/09/2020 to 02/10/2020.
- Dr. Pankaj Gupta, Asstt. Prof. attended 4 days online training programme on Basic Veterinary Ophthalmology organized by OUA&T, COVS&A.H., Bhuneshwar.
- Dr. Pankaj Gupta attended 21 days National Training Course on Technology interventions towards transformation of Agriculture, Sericulture, Animal husbandry and Allied sectors into sustainable enterprises for Atmnirbhar Bharat jointly organized by Agro Environmental Development Society (AEDS), India, Central Sericultural Research and Training Institute (CSRTI), Central Silk Board- Ministry of Textiles- Government of India, Mysore, Karnataka, Bioved Research Institute of agriculture, Technology and Sciences, Prayagraj, (Allahabad) and Pondicherry Institute of Agricultural Sciences, Thavalakuppam, Puducherry held on October 11-31, 2020 via virtual mode.

Amendments
in
SKUAST-Statutes



Sher-e-Kashmir
University of Agricultural Sciences & Technology of Jammu
Chatha, Jammu-180 009 (J&K)



**Sher-e-Kashmir University of Agricultural
Sciences and Technology of Jammu**

Notification No: 26 (Secy.) of 2018

Dated: 27-09-2018

Sub: Addition/Amendments in SKUAST-Statutes-thereof.

Ref: Communication no. GS-1(Amend-AUJ/2012/6628 dated 18th August, 2018 from Additional Secretary, Governor's Secretariat, J&K, Raj Bhavan, Srinagar.

As recommended by Board of Management of SKUAST-Jammu (at its 29th meeting), approved by University Council at its 18th Meeting and assented to by the Hon'ble Chancellor (Hon'ble Governor, J&K), I Dr. Pradeep K. Sharma, Vice-Chancellor, SKUAST-J, in exercise of powers vested in me under Section 40 of SKUAST-Act do hereby notify the amendment/addition to SKUAST-Statutes as contained in **Annexure-I** to this notification.

By Order

Sd/-

(Pradeep K. Sharma)

Vice-Chancellor

No. AUJ/Secy./18-19/F-101/2483-2525

Date: 27-09-2018

Cc:

- All Members of Board of Management.
- All Officers of SKUAST-Jammu.
- Dean, FoA/FBSc, Chatha/FVSc., R.S.Pura.
- Registrar, SKUAST-Kashmir, Shalimar Campus, Srinagar.
- Additional Secretary, Governor's Secretariat, Raj Bhavan, Jammu. This is in reference to the copy of the assent of Hon'ble Chancellor conveyed vide above quoted reference.
- Private Secretary to Hon'ble Governor for kind information of Hon'ble Governor, J&K and Chancellor, SKUAST-Jammu, Governor's Secretariat, Raj Bhavan, Srinagar.
- Private Secretary to Principal Secretary to Hon'ble Governor (Hon'ble Chancellor SKUAST-Jammu), Governor's Secretariat, Raj Bhavan, Srinagar.
- Private Secretary to Principal Secretary to Govt., Finance Department, J&K Govt., Civil Secretariat, Srinagar.
- Private Secretary to Principal Secretary to Govt., Planning Development and Monitoring Department., J&K Govt., Civil Secretariat, Srinagar.
- Private Secretary to Secretary to Govt., Agriculture Production Department, Civil Secretariat, Srinagar.
- All Deputy/Asstt. Registrars of SKUAST-J.
- All Deputy/Asstt. Comptrollers of SKUAST-J
- SVC for kind information of the Hon'ble Vice-Chancellor, SKUAST-Jammu.
- SVC for kind information of the Hon'ble Vice-Chancellor, SKUAST-Srinagar.
- File concerned (w.3.s.c)

Pradeep K. Sharma
Registrar 27/9/18

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Jammu**

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**Annexure-I to notification no. 26 (Secy.) of 2018
Dated 27.09.2018**

**Schedule-I to Chapter-II
(Appointment of Officer and Teachers of the University)**

S. No.	Designation of the post with grade	Minimum qualification for direct recruitment	Composition of the selection committee	
15	Dean, Students Welfare (₹Pay band of ₹37400-67000 with AGP of ₹10000)	<p>Essential</p> <p>i) Doctorate degree in any discipline/ subject in Agriculture or allied sciences</p> <p>ii) 15 years' experience of Teaching/ Research and/or Extension of which at least 05 years should be in the rank of Professor/Chief Scientist or equivalent in an Agricultural University or Research Institute. <i>(The period spent in obtaining Ph. D. degree will not be counted as teaching/ research and/ or extension experience)</i></p> <p>Desirable</p> <p>i) Evidence of Leadership & outstanding achievements in teaching & organizing teaching.</p> <p>ii) Good knowledge of modern agricultural educational system.</p> <p>iii) Basic and post graduate degree in the concerned discipline/subject in Agriculture or allied sciences</p> <p>Note: The appointment to the post shall be on tenure basis for a period of 05 years.</p>	<p>i) Vice-Chancellor</p> <p>ii) 03 experts with experience of working in scientific/ educational institutions in administrative capacity not below the rank of Director, from outside the State to be nominated by the Vice-Chancellor from a panel approved by the Board</p> <p>iii) A representative of the State Government not below the rank of Secretary to Government.</p> <p>(Quorum of the Committee shall be of 3 members with one expert from outside)</p>	<p>Chairman</p> <p>Members</p> <p>Member</p>

David



**Sher-e-Kashmir University of Agricultural
Sciences and Technology of Jammu**

Notification No:|(Secy.) of 2018

Dated: ||-07-2018

Sub: Addition/Amendments to Career Advancement Scheme for Research Assistants/Sr. Technical Assistants.

Ref: Communication no. GS-1(Amend-AUJ)12-18/2913 dated 14th June, 2018 from Additional Secretary, Governor's Secretariat, J&K, Raj Bhavan, Srinagar.

As recommended by Board of Management of SKUAST-Jammu (at its 28th meeting), approved by University Council at its 17th Meeting and assented to by the Hon'ble Chancellor (Hon'ble Governor, J&K), I Dr. Pradeep K. Sharma, Vice-Chancellor, SKUAST-J, hereby notify the amendment/addition/recasting to Career Advancement Scheme for Research Assistants/Sr. Technical Assistants of erstwhile SKUAST notification no. Adm/AR-R&C/UC-09/94 dated 24.02.1994 as contained in Annexure-I to this notification.

By Order

Sd/-
(Pradeep K. Sharma)
Vice-Chancellor

No. AUJ/Secy./18-19/F-101/1268-1309

Date: ||-07-2018

Cc:

- All Members of Board of Management.
- All Officers of SKUAST-Jammu.
- Dean, FoA/FBSc, Chatha/FVSc., R.S.Pura.
- Registrar, SKUAST-Kashmir, Shalimar Campus, Srinagar.
- Additional Secretary, Governor's Secretariat, Raj Bhavan, Jammu. This is in reference to the copy of the assent of Hon'ble Chancellor conveyed vide above quoted reference.
- Private Secretary to Hon'ble Governor for kind information of Hon'ble Governor, J&K and Chancellor, SKUAST-Jammu, Governor's Secretariat, Raj Bhavan, Srinagar.
- Private Secretary to Principal Secretary to Hon'ble Governor (Hon'ble Chancellor SKUAST-Jammu), Governor's Secretariat, Raj Bhavan, Srinagar.
- Private Secretary to Principal Secretary to Govt., Finance Department, J&K Govt., Civil Secretariat, Srinagar.
- Private Secretary to Principal Secretary to Govt., Planning Development and Monitoring Department., J&K Govt., Civil Secretariat, Srinagar.
- Private Secretary to Commissioner/Secretary to Govt., Agriculture Production Department, Civil Secretariat, Srinagar.
- All Deputy/Asstt. Registrars of SKUAST-J.
- All Deputy/Asstt. Comptrollers of SKUAST-J
- SVC for kind information of the Hon'ble Vice-Chancellor, SKUAST-Jammu.
- SVC for kind information of the Hon'ble Vice-Chancellor, SKUAST-Srinagar.
- File concerned (w.3.s.c)
- University website www.skuast.org

Dr. Pradeep K. Sharma
11/7/18
Registrar

SKUAST
Jammu

Chatha, Jammu-180009, INDIA

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Annexure-I

Part (B) of Career Advance Scheme for Research Assistants/Sr. Technical Assistants notified vide notification no. Adm/AR-R&C/UC-09/94/864-923 dated 24.02.1994, shall be re-casted as under :

B Senior Technical Assistants/Technical Assistants/ Programme Assistants/ Training Assistants and equivalents (ex-cadre):

1. Senior Technical Assistants/ Technical Assistants/ Programme Assistants/ Training Assistants and equivalents (ex-cadre) holding PB/GP of 9300-34800+4200, possessing post-graduate degree in the concerned subject of Agriculture or allied Sciences and essential qualification at Graduation level (as annexed herewith) and appointed prior to 19.06.2014 (the effective date of caderisation of the post of Sr. Technical Assistant/Programme Assistant and equivalent by SKUAST-Kashmir issued vide notification no. 07 of 2014 dated 19.06.2014) subject to meeting the eligibility in each case, may be placed in the Pay Band of ₹15600-39,100 with grade pay of ₹6000/-, provided he or she has;

- a) Satisfactorily completed the probation period.
- b) Published at least one technical paper as first author or one of the authors in a joint paper having NAAS rating not less than 4.0
- c) Participated in State/National/ International Symposia/ Seminar/ Workshop, group meeting at least once either in full or poster session.

Or

d) Done research work which may be assessed by Selection committee equivalent to a technical paper.

2. Placement shall be through process of Screening / Selection Committee as prescribed for recruitment to the post of Assistant Professors & equivalent.
3. After 02 years placement in the pay band of ₹15,600-39,100 with Grade Pay of ₹6000/- Senior Technical Assistants/ Programme Assistants/Training Assistants and equivalents (ex-cadre) shall be designated as Assistant Professor/Subject Matter Specialist and shall be accredited to the Faculty subject to passing of Ph.D. and NET in the relevant discipline.
4. After being designated as Assistant Professor/Subject Matter Specialists as specified vide (3) above, the incumbents shall be entitled to benefits under Career Advancement Scheme/Personal promotion scheme of SKUAST as per the provisions and conditions laid down in the said scheme.

5. The posts for the purpose shall be created by upgrading the posts held by the incumbents and the posts so created shall be created only for this purpose and shall not be construed to have been created for any other purpose.
6. On recommendations of Selection Committee, placement of Senior Technical Assistants/ Technical Assistants/ Programme Assistants/ Training Assistants and equivalents (ex-cadre) in ₹15,600-39,100 with grade Pay of ₹6,000/- will be ordered by Vice-Chancellor.
7. The date of completion of Ph.D or the date of qualification of NET shall invariably be taken as the effective dates for accreditation whichever is later and for determining their seniority in the cadre of Assistant Professors/Subject Matter Specialists without any financial encumbrances.

Notes:

- i) The essential qualifications prescribed for the post of Assistant Professor/ Junior Scientist/ Subject Matter Specialists and equivalents, presently in vogue and / or such other essential qualifications as shall be prescribed by the University from time to time, shall invariably be applicable for accreditation of Senior Technical Assistants/ Technical Assistants/ Programme Assistants/ Technical Assistants/ Programme Assistants/ Training Assistants and equivalents (ex-cadre) to the faculty under this Scheme.
- ii) The period spent on acquiring M.Sc.(Ag) or allied degree as an inservice candidate shall not be counted towards experience for considering the placements of Senior Technical Assistants/Technical Assistants/ Programme Assistants/ Training Assistants and equivalents (ex-cadre) in the Pay Band of ₹15,600-39, 100 with Grade Pay of ₹6,000/-.
- iii) The Career Advancement Scheme (CAS) shall be applicable to only those Technical Assistants /Sr. Technical Assistants /Programme Assistants/Training Assistants etc. who were eligible for the benefits during the relevant period i.e. upto 2014, when the post of Sr. Technical Assistants /Programme Assistants /Training Assistants has been caderised in SKUAST-Statutes by SKUAST-Kashmir vide notification no.07 of 2014 dated 19.06.2014.
- iv) The extension of CAS Scheme shall cease automatically without any further notice, shall become redundant and in operative immediately till the last incumbent in the existing group of concerned category is benefitted who is eligible as per the Scheme and appointed prior to 19.06.2014 (the effective date of caderisation of the post of Sr. Technical Assistant/Programme Assistant and equivalent by SKUAST-Kashmir issued vide notification no. 07 of 2014 dated 19.06.2014).

Agriculture and Allied Sciences and essential qualification at Graduation Level

S.No	Discipline	Essential qualification at Graduation level
i.	Agronomy	B.Sc. Agriculture
ii.	Fruit Science, Vegetable Science, Floriculture and Landscaping, Entomology & Plant Pathology	B.Sc. Agriculture / B. Sc. Horticulture
iii.	Food Science and Technology	B.Sc. Agriculture/B.Sc. Horticulture/B.Sc. Food Science/B.Tech Food Technology
iv.	Soil Science	B.Sc. Agriculture / B. Sc. Horticulture / B.Sc. Forestry.
v.	Plant Breeding & Genetics	B.Sc. Agriculture / B.Sc Bio Science
vi.	Biotechnology	B.Sc. Agriculture/B.Sc. Biotech./ B.Tech. Biotech/ B.Sc. Bio Sciences/ B.Sc.
vii.	Sericulture	B.Sc. Agriculture/ B.Sc. Sericulture / B.Sc. Bio Sciences
viii.	Agriculture Economics & Statistics	B.Sc. Agriculture / B. Sc. Horticulture / B.Sc. Forestry/ B.Sc with Statistics or Mathematics
ix.	Biochemistry & Plant Physiology	B.Sc. Agriculture / B.Sc Horticulture/B.Sc Bio Science
x.	Agriculture Extension Education	B.Sc. Agriculture / B. Sc. Horticulture / B.Sc. Forestry/ B.Sc Home Science
xi.	Forestry	B.Sc. Forestry /B.Sc. Agriculture / B. Sc. Horticulture
xii.	Vety. and Animal Husbandry	BVSc & AH
xiii.	Fisheries	BFSc
xiv.	Agril.Engg.	BTech. Agril Engg.



**Sher-e-Kashmir University of Agricultural
Sciences and Technology of Jammu**

Notification No: (5(Secy.) of 2018

Dated: 11-07-2018

Sub: Addition/Amendments in SKUAST-Statutes-thereof.

Ref: Communication no. GS-1(Amend-AUJ)12-18/2913 dated 14th June, 2018 from Additional Secretary, Governor's Secretariat, J&K, Raj Bhavan, Srinagar.

As recommended by Board of Management of SKUAST-Jammu (at its 28th meeting), approved by University Council at its 17th Meeting and assented to by the Hon'ble Chancellor (Hon'ble Governor, J&K), I Dr. Pradeep K. Sharma, Vice-Chancellor, SKUAST-J, in exercise of powers vested in me under Section 40 of SKUAST-Act do hereby notify the amendment/addition to SKUAST-Statutes as contained in **Annexure-I to II** to this notification.

By Order

Sd/-
(Pradeep K. Sharma)
Vice-Chancellor

No. AUJ/Secy./18-19/F-101/1226-1267

Date: 11-07-2018

Cc:

- All Members of Board of Management.
- All Officers of SKUAST-Jammu.
- Dean, FoA/FBSc, Chatha/FVSc., R.S.Pura.
- Registrar, SKUAST-Kashmir, Shalimar Campus, Srinagar.
- Additional Secretary, Governor's Secretariat, Raj Bhavan, Jammu. This is in reference to the copy of the assent of Hon'ble Chancellor conveyed vide above quoted reference.
- Private Secretary to Hon'ble Governor for kind information of Hon'ble Governor, J&K and Chancellor, SKUAST-Jammu, Governor's Secretariat, Raj Bhavan, Srinagar.
- Private Secretary to Principal Secretary to Hon'ble Governor (Hon'ble Chancellor SKUAST-Jammu), Governor's Secretariat, Raj Bhavan, Srinagar.
- Private Secretary to Principal Secretary to Govt., Finance Department, J&K Govt., Civil Secretariat, Srinagar.
- Private Secretary to Principal Secretary to Govt., Planning Development and Monitoring Department., J&K Govt., Civil Secretariat, Srinagar.
- Private Secretary to Commissioner/Secretary to Govt., Agriculture Production Department, Civil Secretariat, Srinagar.
- All Deputy/Asstt. Registrars of SKUAST-J.
- All Deputy/Asstt. Comptrollers of SKUAST-J
- SVC for kind information of the Hon'ble Vice-Chancellor, SKUAST-Jammu.
- SVC for kind information of the Hon'ble Vice-Chancellor, SKUAST-Srinagar.
- File concerned (w.3.s.c)
- University website www.skuast.org

[Signature]
Registrar 11/7/18

SKUAST
Jammu

Chatha, Jammu-180009/INDIA

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Annexure-I

Column 2 captioned "Designation of the post" appearing at S.No. 10 in Schedule-I to Chapter-II (Appointment of Officers and Teachers of the University) of SKUAST-Statues is re-casted as under

S. No. (1)	Designation of the post (2)
10	Assistant Professor/ Jr. Scientist / Subject Matter Specialist (SMS) (₹15,600-39,100 + AGP ₹6,000/-)

Annexure-II

Addition to Schedule-III to Chapter III (Auxiliary Staff Cadre)

The following shall be added as Class-1, Category 1 in Schedule III to Chapter III (Auxiliary Staff Cadre)

Class	Category	Designation of the post	Minimum qualifications for direct recruitment	Method of recruitment	Selection Committee	
1	2	3	4	5	6	
I	1	Sr. Technical Assistant / Programme Assistant & equivalent (Pay band ₹9300-34800 with grade pay of ₹4200) Central Scale	Master's degree in concerned subject of Agriculture or allied Sciences with at least 55% marks or equivalent OGPA/CGPA	By direct recruitment	i) One of the Directors/ Deans / Officers to be nominated by the Vice-Chancellor	Chairman
					ii) Two Professors/Chief Scientists to be nominated by the Vice-Chancellor	Members
					iii) Registrar	Member
					iv) Deputy Registrar (Est.)	Secretary
					(Quorum of the Committee shall be of 03 members)	

Note 1:

The essential qualification at graduation level in various discipline of Agri./Allied for recruitment (by selection) to the post of Sr. Technical Assistant/Programme Assistant and equivalent shall be as under:

S.No	Discipline	Essential qualification at Graduation level
i.	Agronomy	B.Sc. Agriculture
ii.	Fruit Science, Vegetable Science, Floriculture and Landscaping, Entomology & Plant Pathology	B.Sc. Agriculture / B. Sc. Horticulture
iii.	Food Science and Technology	B.Sc. Agriculture / B. Sc. Horticulture / B.Sc. Food Science / B.Tech Food Technology
iv.	Soil Science	B.Sc. Agriculture / B. Sc. Horticulture / B.Sc. Forestry.
v.	Plant Breeding & Genetics	B.Sc. Agriculture / B.Sc Bio Science
vi.	Biotechnology	B.Sc. Agriculture / B.Sc. Biotech. / B.Tech. Biotech / B.Sc. Bio Sciences / B.Sc.
vii.	Sericulture	B.Sc. Agriculture / B.Sc. Sericulture / B.Sc. Bio Sciences
viii.	Agriculture Economics & Statistics	B.Sc. Agriculture / B. Sc. Horticulture / B.Sc. Forestry / B.Sc with Statistics or Mathematics
ix.	Biochemistry & Plant Physiology	B.Sc. Agriculture / B.Sc Horticulture / B.Sc Bio Science
x.	Agriculture Extension Education	B.Sc. Agriculture / B. Sc. Horticulture / B.Sc. Forestry / B.Sc Home Science
xi.	Forestry	B.Sc. Forestry / B.Sc. Agriculture / B. Sc. Horticulture

Note 2:- Class-I to VI of Schedule III to Chapter-III (Auxiliary Staff Cadre) shall be renumbered as Class II to VII in SKUAST-Status.



**Sher-e-Kashmir University of Agricultural
Sciences and Technology of Jammu**

**Notification No: 01 (Secy.) of 2018
Dated: 30-01-2018**

Sub: Addition/Amendments in SKUAST-Statutes-thereof.

As recommended by Board of Management (at its 20th meeting), approved by University Council (in its 11th Meeting), assented to by the Hon'ble Chancellor (Hon'ble Governor, J&K) and the assent conveyed vide Additional Secretary, Governor's Secretariat vide no. GS-1(Amend-AUJ)/12-18/87 dated 03.01.2018, I, Dr. Pradeep K. Sharma, Vice-Chancellor, SKUAST-J, in exercise of powers vested in me under Section 40 of SKUAST-Act, do hereby notify addition/amendment in SKUAST-Statutes as contained in **Annexure-I to XI** to this Notification.

This shall come to force with immediate effect.

Sd/-
(Pradeep K. Sharma)
Vice-Chancellor

**No. AUJ/Secy./17-18/F-101/3588-3633
Date: 30 -01-2018**

Cc:

- All Members of Board of Management.
- All Officers of SKUAST-Jammu.
- Dean, FoA/FBSc, Chatha/FVSc., R.S.Pura.
- Additional Secretary, Governor's Secretariat, Raj Bhavan, Jammu.
- Private Secretary to Hon'ble Governor for kind information of Hon'ble Governor, J&K and Chancellor, SKUAST-Jammu, Governor's Secretariat, Raj Bhavan, Jammu.
- Private Secretary to Principal Secretary to Hon'ble Governor, SKUAST-Jammu, Governor's Secretariat, Raj Bhavan, Jammu.
- Private Secretary to Principal Secretary to Govt., Finance Department, J&K Govt., Civil Secretariat, Jammu.
- Private Secretary to Principal Secretary to Govt., Planning, Monitoring and Development Department, Civil Secretariat, Jammu.
- Private Secretary to Commissioner/Secretary to Govt., Agriculture Production Deptt., J&K Govt., Civil Secretariat, Jammu.
- Associate Professor (Agril. Stat.) & I/c Data Centre with the request to kindly direct the concerned for the uploading of the same on the University website.
- All Deputy Registrars/Asstt. Registrars/Administrative Officers, SKUAST-Jammu.
- All Deputy Comptrollers/Asstt. Comptrollers/Accounts Officers of SKUAST-Jammu.
- SVC for kind information of the Hon'ble Vice-Chancellor, SKUAST-Jammu.
- File concerned (w.3.s.c).


Registrar 30/01/18

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Jammu

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The following shall be added to schedule I to Chapter-II (Appointment of Officers and Teachers of the University) of Statutes:

S.No	Designation of the post	Minimum qualifications for direct recruitment	Method of recruitment	Selection Committee	
16.	Dy. Students Welfare Officer /Dy. Director Students Welfare (Pay Band of ₹15,600-39,100 with Academic Grade Pay of ₹7600)	i) Ph.D. degree in Physical Education or in Agriculture or allied sciences. ii) Twelve (12) years teaching/ research/ extension/ student welfare/ physical education experience (not below the rank of Assistant Professor or equivalent) out of which 05 years should be in the rank of Assistant Students Welfare Officer/ Assistant Professor or equivalent	By direct recruitment	i. Vice-Chancellor ii. Two experts from outside the State (to be nominated by the Vice-Chancellor from amongst the panel of names approved by the Board of Management) iii. Director Education iv. One representative of the State Govt. not below the rank of Secretary to Govt. v. Director Extension /Director Research (one of them to be nominated by Vice-Chancellor) vi. Students Welfare Officer	Chairman Members Member Member Member Member
				Quorum of the committee shall be of three members	

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Annexure-II to
Notification No. 01 (Secy.) of 2018 dated 30.01.2018

The following shall be added to schedule IV to Chapter-III (Miscellaneous cadre) of Statutes

Class	Category	Designation of post with grade	Minimum qualification for direct recruitment	Method of recruitment	Composition of the Selection Committee	
I	2	Executive Engineer (Civil) Pay band + Grade pay (₹15600-39,100+₹7600)		i. By promotion from Assistant Executive (Civil) amongst person possessing Bachelor's degree in Engineering with at least 08 years of total service in the same branch of Engineering in which appointment is to be made with at least 04 years experience as Assistant Executive Engineer (Sr. Scale) <u>Preferable:</u> By deputation from the concerned department of J&K Govt.	i. Vice-Chancellor ii. One expert from outside the University not below the rank of a Chief Engineering (to be nominated by the Vice Chancellor) iii. One of the Director (to be nominated by Vice Chancellor) iv. Secretary to Govt. Public Works Department v. Registrar vi. Estates Officer (Quorum of the Committee shall be of 3 members)	Chairman Member Member Member Member

Note: The Executive Engineer (Civil) shall have to qualify the prescribed accountancy examination at par with their counter parts in the Public works Department/Power Development Department, Govt. of J&K, with in a period of 02 years failing which future increments shall be stopped till passing of prescribed examination.

Annexure-III to
Notification No.01(Secy.) of 2018 dated 30.01.2018

The following shall be added to Schedule I to Chapter-III (General Administration cadre) of Statutes:

Class	Category	Designation of post with grade	Minimum qualification for direct recruitment	Method of Recruitment	Composition of the Selection Committee
II	4	Assistant Project Planning and Monitoring Officer Pay band + Grade pay (₹15600-39,100+5400)	Essential i. Master's degree preferably in Statistics/Agri. Stat/Agri. Economics with 03 years experience as Sr. Stenographer/Head Assistant (Selection scale) in the grade down below in a Govt. Department or an autonomous body /university.	By promotion	<ul style="list-style-type: none"> i. Vice-Chancellor ii. One of the Directors (to be nominated by Vice Chancellor) iii. One representative of the State Government not below the rank of Additional Secretary iv. Director Planning and Monitoring <p>(Quorum of the Committee shall be of 4 members with one expert)</p>

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Annexure-IV to
Notification No. 01(Secy.) of 2018 dated 30.01.2018

The following shall be added to schedule I to Chapter-III (General Administrative cadre) of Statutes:

Classes	Category	Designation of post with grade	Minimum qualification for direct recruitment	Method of Recruitment	Composition of the Selection Committee												
II	5	Assistant Director Statistics Pay band + Grade pay (₹15600-39,100+₹5400)	Essential i. Master's degree in Statistics/Agri. Stat ii. Two (02) years experience as Statistical Officer in Govt. Department /University in the pay band + Grade pay of ₹9300-34800+ ₹4200 or Ph.D. Degree in Statistics/Agri. Statistics	By direct recruitment	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">i. Vice-Chancellor</td> <td style="width: 20%;">Chairman</td> </tr> <tr> <td>ii. Two experts (to be nominated by Vice Chancellor) from the panel of experts approved by Board of management</td> <td>Members</td> </tr> <tr> <td>iii. One Director (to be nominated by the Vice Chancellor)</td> <td>Member</td> </tr> <tr> <td>iv. Director Planning and Monitoring</td> <td>Member</td> </tr> <tr> <td>v. Registrar</td> <td>Member</td> </tr> <tr> <td colspan="2">(Quorum of the Committee shall be of 3 members with one expert)</td> </tr> </table>	i. Vice-Chancellor	Chairman	ii. Two experts (to be nominated by Vice Chancellor) from the panel of experts approved by Board of management	Members	iii. One Director (to be nominated by the Vice Chancellor)	Member	iv. Director Planning and Monitoring	Member	v. Registrar	Member	(Quorum of the Committee shall be of 3 members with one expert)	
i. Vice-Chancellor	Chairman																
ii. Two experts (to be nominated by Vice Chancellor) from the panel of experts approved by Board of management	Members																
iii. One Director (to be nominated by the Vice Chancellor)	Member																
iv. Director Planning and Monitoring	Member																
v. Registrar	Member																
(Quorum of the Committee shall be of 3 members with one expert)																	

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Annexure-V to
Notification No.01 (Secy.) of 2018 dated 30.01.2018

The following shall be added to Schedule I to Chapter-III (General Administration cadre) of Statutes:

Class	Category	Designation of the post	Minimum qualifications for direct recruitment	Selection Committee	
1	2	3	4	5	
II	6	Assistant Director Resident Instruction (Pay Band of ₹15,600-39100 with Grade Pay of ₹5400)	<p>Essential</p> <p>i) Master's degree with minimum 55% marks or equivalent grade in OGPA or equivalent postgraduate qualification in Agriculture/ Veterinary Sciences or allied Sciences</p> <p>ii) Ph. D degree in Agriculture/allied Sciences (Ph. D is relaxable for candidates holding post Graduation Degree in Veterinary Science)</p> <p>iii) NET</p>	<p>i. Vice Chancellor</p> <p>ii. Two experts (to be nominated by the vice Chancellor) from the panel of experts approved by Board of Management</p> <p>iii. Two Officers from among the Statutory Officers of the University to be nominated by the Vice Chancellor</p>	<p>Chairman</p> <p>Members</p> <p>Members</p>
				(Quorum of the committee shall be of three members with one expert)	

Note: In case of recruitment/adjustment by transfer, an Assistant Registrar Possessing Master's Degree.

Annexure-V to
Notification No.01 (Secy.) of 2018 dated 30.01.2018

The following shall be added to Schedule I to Chapter-III (General Administration cadre) of Statutes:

Class	Category	Designation of the post	Minimum qualifications for direct recruitment	Selection Committee	
1	2	3	4	5	
II	6	Assistant Director Resident Instruction (Pay Band of ₹15,600-39100 with Grade Pay of ₹5400)	<p>Essential</p> <p>i) Master's degree with minimum 55% marks or equivalent grade in OGPA or equivalent postgraduate qualification in Agriculture/ Veterinary Sciences or allied Sciences</p> <p>ii) Ph. D degree in Agriculture/allied Sciences (Ph. D is relaxable for candidates holding post Graduation Degree in Veterinary Science)</p> <p>iii) NET</p>	<p>i. Vice Chancellor</p> <p>ii. Two experts (to be nominated by the vice Chancellor) from the panel of experts approved by Board of Management</p> <p>iii. Two Officers from among the Statutory Officers of the University to be nominated by the Vice Chancellor</p>	<p>Chairman</p> <p>Members</p> <p>Members</p>
				(Quorum of the committee shall be of three members with one expert)	

Note: In case of recruitment/adjustment by transfer, an Assistant Registrar Possessing Master's Degree.

Annexure-VII to
Notification No. 01(Secy.) of 2018 dated 30.01.2018

The following shall be added to Schedule IV to Chapter-III (Miscellaneous Cadre) of Statutes:

Class	Category	Designation of post with grade	Minimum qualification for direct recruitment	Method of Recruitment	Composition of the Selection Committee
VI	2	Statistical Officer Pay band + Grade pay (₹9300-39,100 +₹4200)	<u>Essential</u> ii. Master's degree in Statistics/ Agri. Statistics	By direct recruitment	<ul style="list-style-type: none"> i. One of the Directors (to be nominated by Vice Chancellor) ii. One expert (to be nominated by the Vice Chancellor) iii. Director Planning and Monitoring iv. Registrar v. Comptroller <p>(Quorum of the Committee shall be of three members including one expert)</p>

Note:-

Statistical Officer shall be placed in the pay band of ₹15600-39100+₹5400 after 08 years regular service in the pay band + Grade pay of ₹9300-34800+4200 on the basis of merit, suitability and good performance report.

Annexure-VIII to
Notification No.01 (Secy.) of 2018 dated 30.01.2018

The following shall be added to schedule IV to Chapter-III (Miscellaneous cadre) of Statutes:

Class	Category	Designation of post with grade	Minimum qualification for direct recruitment	Method of recruitment		Composition of the Selection Committee	
				By	direct recruitment		
XXXIV	1	Physical Instructor Pay band + Grade pay (₹9300-34800+₹4200)	i. Master degree in physical education ii. Two years experience in Govt. Deptt./Govt. recognized institute			i. One of the Director (to be nominated by Vice Chancellor) ii. A nominee of Govt. not below the rank of Additional Secretary iii. One expert not below the rank of Professor or equivalent (to be nominated by the Vice Chancellor) iv. One Professor/Chief Scientist (to be nominated by the Vice Chancellor) v. Registrar vi. Students welfare Officer (Quorum of the Committee shall be of 3 members with one expert)	Chairman Member Member Member Member

Note: Physical Instructor shall be placed in the pay band + Grade Pay of ₹15600-39100+5400 after (10) years regular service in the pay band + Grade pay of ₹9300-34800+4200. The placement shall be on the basis of merit, suitability and consistently good performance.

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Annexure-IX to
Notification No. 01 (Secy.) of 2018 dated 30.01.2018

The following shall be added to schedule IV to Chapter-III (Miscellaneous cadre) of Statutes:

Class	Category	Designation of post with grade	Minimum qualification for direct recruitment	Method of recruitment	Composition of the Selection Committee
IV	3	Female Nurse pay band + Grade pay (₹5200-20,200+₹2400)	10+2 (Science Group) with Diploma in Nursing & 03 years experience in nursing from a Govt. Hospital/recognized Nursing Home	By Direct recruitment	i. One Director (to be nominated by the Vice-Chancellor) ii. Registrar iii. One of the University Medical Officers (to be nominated by the Vice Chancellor) iv. Deputy Registrar (Est.) (Quorum of the Committee shall be of 3 members)
					Chairman Member Member Secretary

Note: Female Nurse shall be placed in the pay band + Grade Pay of ₹9300-34800+4200 after 10 years of regular service with consistently satisfactory performance in the pay band + Grade Pay of ₹5200-20200+2400. The placement shall be on the basis of merit, suitability and good work and conduct.

Annexure-X to
Notification No. 01(Secy.) of 2018 dated 30.01.2018

The following is added to schedule IV to Chapter-III (Miscellaneous cadre) of Statutes:

Class	Category	Designation of post with grade	Minimum qualification for direct recruitment	Method of recruitment		Composition of the Selection Committee	
				By	direct		
VII	2	EPBAX Operator pay band + Grade pay (₹5200-20,200+2400)	i. Graduate ii. Three years experience as Telephone operator in Govt./University/PSU <u>Desirable</u> i. Trained in respective trade from Govt. recognized ITI	By	direct	i. One of the Director (to be nominated by Vice Chancellor) ii. One expert (to be nominated by the Vice Chancellor) iii. Registrar iv. Estates Officer (Quorum of the Committee shall be of 3 members with one expert)	Chairman Member Member Member

Note: The EPABX operator shall be placed in the pay band + Grade Pay of ₹9300-34800+4200 after 10 years of regular service with consistently satisfactory performance in the pay band + Grade Pay of ₹5200-20200+2400. The placement shall be on the basis of merit, suitability, good work and conduct.

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Annexure-XI to
Notification No.01(Secy.) of 2018 dated 30.01.2018

The following shall be added to schedule IV to Chapter-III (Miscellaneous cadre) of Statutes:

Class	Category	Designation of post with grade	Minimum qualification for direct recruitment	Method of recruitment	Composition of the Selection Committee
VII	4	Audio Visual Operator Pay band + Grade pay (₹5200-20,200+1900)	i. 10+2 with diploma from "Govt. recognized ITI"	ii. 50% by direct recruitment iii. 50% by promotion from amongst 10+2 Class VI Schedule-I to Chapter-III employees subject to having 5 years satisfactory service in the trade and in the pay band +Grade pay ₹4440-7440+1650	i. Director Extension Education Chairman ii. One nominee of the Vice Chancellor from amongst Officers/Chief Scientists Member iii. Registrar Member iv. One expert from the concerned field not below the rank of Associate Professor or equivalent in the concerned state Department/organization Member v. Dy. Registrar (Est.) Secretary (Quorum of the Committee shall be of three members including one expert)

Note :Audio Visual Operator shall be placed in the pay band + Grade Pay of ₹5200-20200+2400 after 08 years continuous satisfactory service in the pay band+ Grade Pay of ₹5200-20200+1900 and in Pay band + Grade Pay of ₹9300-34800+ 4200 after 08 years service in the Pay band + Grade Pay of ₹5200-20200+2400 subject to satisfactory work and conduct and on the basis of merit and suitability.



**Sher-e-Kashmir University of Agricultural
Sciences and Technology of Jammu**

**Notification No: 04 (Secy.) of 2018
Dated: 09-03-2018**

Sub: Addition/Amendments in SKUAST-Statutes-thereof.

**Ref: Communication no. GS-1(Amend-AUJ)12-18/1013-14 dated 15th
February, 2018 from Additional Secretary, Governor's Secretariat,
J&K, Raj Bhavan, Jammu**

As recommended by Board of Management of SKUAST-Jammu (at its 28th meeting), approved by University Council at its 17th Meeting and assented to by the Hon'ble Chancellor (Hon'ble Governor, J&K), I Dr. Pradeep K. Sharma, Vice-Chancellor, SKUAST-J, in exercise of powers vested in me under Section 40 of SKUAST-Act do hereby notify the amendment/addition to SKUAST-Statutes as contained in **Annexure-I to IX** to this notification.

This shall come into force with immediate effect.

By Order

Sd/-
(Pradeep K. Sharma)
Vice-Chancellor

No. AUJ/Secy./17-18/4648-92

Date: 09-03-2018

Cc:

- All Members of Board of Management.
- All Officers of SKUAST-Jammu.
- Dean, FoA/FBSc, Chatha/FVSc., R.S.Pura.
- Registrar, SKUAST-Kashmir, Shalimar Campus, Srinagar.
- Additional Secretary, Governor's Secretariat, Raj Bhavan, Jammu. This is in reference to the copy of the assent of Hon'ble Chancellor conveyed vide above quoted reference.
- Private Secretary to Principal Secretary to Hon'ble Governor (Hon'ble Chancellor SKUAST-Jammu), Governor's Secretariat, Raj Bhavan, Jammu.
- Private Secretary to Principal Secretary to Govt., Finance Department, J&K Govt., Civil Secretariat, Jammu.
- Private Secretary to Principal Secretary to Govt., Planning Development and Monitoring Department., J&K Govt., Civil Secretariat, Jammu.
- Private Secretary to Commissioner/Secretary to Govt., Agriculture Production Department, Civil Secretariat, Jammu.
- Private Secretary to Hon'ble Governor for kind information of Hon'ble Governor, J&K and Chancellor, SKUAST-Jammu, Governor's Secretariat, Raj Bhavan, Jammu.
- All Deputy/Asstt. Registrars of SKUAST-J.
- All Deputy/Asstt. Comptrollers of SKUAST-J
- SVC for kind information of the Hon'ble Vice-Chancellor, SKUAST-Jammu.
- SVC for kind information of the Hon'ble Vice-Chancellor, SKUAST-Srinagar.
- File concerned (w.3.s.c)
- University website www.skuast.org


Registrar
09.03.18

Visit us at: www.skuast.org

Addition/Amendment to Schedule I to Chapter II
(Appointment of Officers and Teachers of the University) of SKUAST-Statutes

Note existing under the Column-3 captioned as "Minimum qualification for direct recruitment" for the post of Assistant Professor/Junior Scientist appearing at S.No. 10 under Schedule I to Chapter II (Appointment of Officers and Teachers of the University) of SKUAST-Statutes is recasted as under:

Essential qualification

- a) Master's degree with minimum 55% marks or equivalent grade in OGPA or equivalent postgraduate qualification in the concerned subject; and
- b) Ph. D degree (with course work) in concerned subject as prescribed by the UGC Regulations 2009; and
- c) NET or at least two full length publications having a NAAS rating not less than 4, on the last date of submission of application

Or

- a) Master's degree with 55% marks or equivalent grade in OGPA or equivalent postgraduate qualification in the concerned subject; and
- b) Ph. D degree (without course work) in the concerned subject ; and
- c) NET

Note:

- i. *Ph.D. is relaxed for candidates having post- graduation degree in Vety. Sciences provided the candidate has one publication in NAAS rated referred Journal and NET as Essential Qualification*
- ii. *NET essentiality is exempted to the candidates registered for Ph.D. programme prior to 11.07.2009 and in the disciplines where NET at National Level is not conducted by ICAR/UGC/CSIR, subject to the condition that*
 - a) Ph.D. degree of the candidates awarded in regular mode only.
 - b) Evaluation of Ph.D. thesis by at least two external examiners.
 - c) Open Ph.D. viva voce of the candidate had been conducted;
 - d) Candidate has published two research papers from his/her Ph.D. work out of which at least one must be in referred Journal.;
 - e) Candidate has made at least two presentations in conference/seminars, based on his/her Ph.D. work.
 - a. to (e) as above are to be certified by the Vice Chancellor /Pro-Vice Chancellor /Dean(Academic Affairs)/Dean (University Instructions)

Provisio (ii) existing under the Column-3 captioned as "Minimum qualification for direct recruitment" for the post of Associate Professor/ Senior Scientist/Deputy Director Research/Extension and equivalents appearing at S.No. 9 under Schedule I to Chapter II (Appointment of Officers and Teachers of the University) of SKUAST-Statutes is recasted as under:

Essential

- ii. Eight (8) years' experience in the relevant subject as Scientist/ Teacher or equivalent position in the pay band-III of ₹15600-39100 + GP of ₹5400, 6000/-, 7000/- & 8000/-.
- (The issue regarding the counting of period of active service spent on pursuing Ph.D. is to be considered in light of UGC notification issued from time to time, and its clarification thereof)*

Provisio (ii) existing under the Column-3 captioned as "Minimum qualification for direct recruitment" for the post of Professor/ Chief Scientist/Associate Director and equivalents appearing at S.No. 8 under Schedule I to Chapter II (Appointment of Officers and Teachers of the University) of SKUAST-Statutes is recast as under:

Essential

- ii. Ten (10) years' experience in the relevant subject out of which at least eight years should be as Scientist/Teacher or equivalent position in the pay band-III of ₹15600-39100 + G.P. of ₹5400/-, ₹6000/-, ₹7000/- & ₹8000/- and two year as a Associate Professor/Sr, Scientist or equivalent in the pay band IV of ₹37400-67000 with grade pay of ₹8700/- & ₹9000/-.
- (The issue regarding the counting of period of active service spent on pursuing Ph.D. is to be considered in light of UGC notification issued from time to time and its clarification thereof)*

**Addition/Amendment to
Chapter-III (Recruitment of employees other than officers and Teachers of the University)**

The following sub-clause c) is incorporated under Clause 15 (Method of recruitment) of Chapter-III (Recruitment of employees other than officers and teachers of the University) of SKUAST-Statutes.

15 (Method of Recruitment)

c) The nature of appointment, Fixation of pay, seniority etc. of direct recruits as per SRO-202 of 2015 of J&K State govt. shall be governed as under:

a. Nature of Appointment:

- i. A person appointed under these rules shall be initially on probation for a period of five years and after completion of five years his service shall be declared as permanent, subject to conditions as prescribed under the relevant recruitment rules governing the post of service in SKUAST-Statutes/JKCSR (wherever applicable) to which the appointment has been made.
- ii. The appointee shall have to necessarily work for a period of five years on the post against which he has been appointed and such appointee shall not be eligible for transfer for whatsoever reason during the temporary service of five years. Provided that any person appointed against any available vacancy on the basis of being a resident of backward area or an area adjoining Line of Actual Control shall serve in such areas for a period of not less than seven years.

b. Fixation of pay:

- i. During the period of first five years, the appointee shall be entitled to the minimum of scale of pay along with the grade pay applicable to the post against which he is appointed.
- ii. Every appointee shall after completion of five year's period on probation be entitled to fixation of pay in the time-scale of pay applicable to the post against which he is appointed.

c. Increments, Dearness Allowance and Other Allowances:

- i. The persons appointed under these rules shall be entitled to Annual Increments, Dearness Allowance, House Rent Allowance and City Compensatory Allowance after successful completion of their five years' service on consolidated salary.
- ii. These appointees shall be entitled to the benefits under the Medical Attendance Rules and Leave Rules from the date of their appointment itself.

d. Seniority:

- i. The seniority of persons appointed under these rules shall reckon from the date of their appointment.
- ii. The period spent on probation/consolidated salary shall also reckon for purposes of calculating the qualifying service of these appointees for pensioner and other benefits provided under rules.

e. Other conditions of service:

In the matter of other conditions of service like age, qualification, discipline, conduct and other allied matters, a person appointed under these rules shall be governed by the recruitment rules of the service to which the post occupied by him belongs, besides other rules, regulations and orders in vogue in the SKUAST-Statues in general and JKCSR (wherever applicable in particular).

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**Addition/Amendment to
Chapter-III (recruitment of employees other than officers and teachers of University)**

The selection criteria for Class-VI position employees existing at S.No. 20 in the appendix to Chapter-III (recruitment of employees other than officers and teachers of University) of SKUAST-Statutes is recasted as under:

Selection Criteria for various Non-Teaching posts in SKUAST-J

b) Supporting staff

S.No.	Post	Criteria						
20.	Class VI Employees viz. Peon, Orderly, Messenger, Runner, Chowkidar, Duplicator Operator, Laboratory Attendant, Library Attendant, OCC, Animal Attendant, Cleaner, Cook, Hostel Attendant, Mali, Gardner, Security Guard etc covered under General Administration/Auxiliary/Accounts and Miscellaneous cadres and equivalent of SKUAST Statutes	i) Written Test= 60 marks(written paper of 100 marks with 60% weightage) ii.) Academic Qualification =20 marks <table border="1" style="margin-left: 40px;"> <tr> <td style="padding: 2px;">Matric</td> <td style="padding: 2px;">=</td> <td style="padding: 2px;">15 marks(on prorata basis)</td> </tr> <tr> <td style="padding: 2px;">10+2</td> <td style="padding: 2px;">=</td> <td style="padding: 2px;">5 marks(on prorata basis)</td> </tr> </table> iii.) Employment Experience : 20 marks (02 marks for each year) Total = 100 marks (written test + Academic qualification + Employment Experience)	Matric	=	15 marks(on prorata basis)	10+2	=	5 marks(on prorata basis)
Matric	=	15 marks(on prorata basis)						
10+2	=	5 marks(on prorata basis)						

**Addition/Amendment to
Schedule-VI to Chapter-III (Two Tier Career Advancement Schemes for Non-Teaching Employees)**

The following clause is inserted at S.No.11 under General Conditions of Schedule-VI to Chapter-III (Two Tier Career Advancement Schemes for Non-Teaching Employees) of SKUAST-Statues:

11. *In case of Work Charged employee(s)/Daily rated Worker(s) (excluding Casual/seasonal workers) who is/are brought on regular establishment, 50% continuous work charged/daily wage service shall be counted with regular service for purpose of grant of Career Advancement Scheme (CAS) for non-teaching employees under these rules provided that the previous cases shall not be reopened.*



**Addition/Amendment to
Schedule-II to Chapter-III of SKUAST-Statutes (Accounts Cadre)**

Provisio 2) under note para below Schedule-II to Chapter-III of SKUAST-Statutes (Accounts Cadre) is recasted to the extent as under:

- 2) Candidates selected for the post of Accounts Assistant/Cashiers shall have to undergo a training course for a period of one year (comprising theoretical training for six months and practical training for six months) during which they shall be paid a stipend of ₹6000/- P.M. They shall be granted Pay scale of ₹4500-7000 (un-revised) (₹5200-20,200 with Grade Pay of ₹2800(revised)) after completion of one year training course as described above. During the period of probation, they shall have to qualify the ACC examination within the prescribed period failing which their future increments shall be stopped till they pass the requisite examination.



**Addition/Amendment to
Schedule-IV to Chapter-III (Miscellaneous cadre)**

The proviso "Age not more than 45 years" existing under Column-4 captioned as 'Minimum qualification for direct recruitment' for the post of Security Guard, appearing at Class-XXVIII under Schedule-IV to Chapter-III (Miscellaneous cadre) of SKUAST-Statutes is recasted to the extent as under:

Class (1)	Category (2)	Designation of the post (3)	Minimum qualification for direct recruitment (4)
XXVIII	1	Security Guard (Pay Band of ₹4440-7440 with Grade Pay of ₹1300)	Minimum: Matric Maximum: 10+2 Ex-servicemen As prescribed by State Government from time to time

[Handwritten signature]

**Addition/Amendment to
Schedule-I to Chapter-III (General Administration Cadre)**

The content under Column 3 captioned "Designation of the post" appearing at Class-VI of Schedule-I to Chapter-III (General Administration Cadre) of SKUAST-Statues is recasted as under:

**Designation of the post
(3)**

Peon, Orderly, Messenger, Runner, Chowkidar, Duplicator Operator,
Laboratory Attendant, Library Attendant, **Helper***

(Pay Band of ₹4440-7440 with Grade Pay of ₹1300)
(Central Scale)

** the helpers will be consequently re-designated with the suitable/appropriate work assignment of the post and their seniority shall exist as per the date of induction in the regular services vis-a-vis to their counterpart cadres.*



**Annexure-VIII to
Notification No. 04 (Secy.) of 2018 Dated: 09.03.2018**

**A Schedule captioned as 'Schedule VIII to Chapter-III' is inserted in SKUAST-Statues to the extent as under:
Schedule VIII to Chapter-III
Information Technology Rules for SKUAST-J**

Class/ category	Designation	Grades	Qualification for direct recruitment	Promotion policy	Remarks
I	System Executive	15600-39100 +GP 7600		100% promotion from Category-II with seven years of service in that class	
II	System Analyst	15600-39100 +GP 6600		100% promotion from Category-III with seven years of service in that class/category	
III	Sr. Programmer (Software and Hardware)	15600-39100 +GP 5600		100% promotion from Category-IV with 5 years of service in that class/category	
IV	Programmer (software and Hardware)	9300-34800 +GP 4800	Bachelor of Engineering /B.Tech. (Information Technology) or Electronics & Communication or Computer Engineering or Computer Science Engineering or MCA from a recognized university/institution)	50 % by direct recruitment 50% by promotion from Assistant programmer of Category-V having service not less than 5 years in that category, subject to the fulfillment of minimum eligibility requirement as prescribed for the post for direct recruitment	Entry Level 2

V	Asstt. Programmer	9300-34800 +GP 4600		100% by promotion from Category-VI having service not less than three years in that class.	
VI	EDP Supervisor	9300-34800+GP 4200		100% by promotion from Category-VII having service not less than three years in that class.	
VII	Assistant EDP supervisor	5200+20200 +GP 2800		100% by promotion from Category-VIII having service not less than three years in that class.	
VIII	Sr. Data entry operator	5200+20200+GP 2400		100% by promotion from Category-IX having service not less than three years in that class.	
IX	Data entry operator	5200+20200+GP 1900	Graduation with one year diploma in computer Software application or BSc (IT) /BCA or three years diploma in computer application/software application from an AICTE recognized Institution	100% by direct recruitment	Entry level-1

Conditions governing the Information Technology Services in SKUAST-Statutes

- From the date of implementation of scheme, the separate Schedule and Chapter for Information Technology Services shall be incorporated under SKUAST-Statutes.
- The University at the commencement of these rules appoint/promote to the services any person who at the commencement of these rules holding in a substantive capacity any post included in the cadre of service.

Provided that for the purpose of initial constitution of service, the person holding any post in a substantive capacity to which he was appointed/promoted by the competent authority under rules included in the cadre of the service in its sanctioned scale of pay shall be deemed to have been appointed to the service under these rules if he/she fully qualified to hold the post under these rules unless he/she opts otherwise within 15 days from the commencement of these rules.

Provided that for the initial constitution of service for persons appointed/promoted as Computer Programmer in SKUAST-J, their initial en-cadrement shall be in the pay scale and grade as mentioned in category-IV above which shall be in force w.e.f date of commencement of scheme.

- The nature and duties of the person under this cadre shall remain unchanged and shall have multitask activities specific to the post against which they are employed at the initial stage.
- The employees of the cadre shall be promoted & re-designated to the higher positions as per the above scheme in their personal capacities with the stipulation that the posts shall revert back immediately at the level of the initial appointments of the posts, when it falls vacant.
- The composition of the selection committee for the posts in the cadre shall be as follows:

i) One of the Directors/Deans/ Officers to be nominated by the Vice-Chancellor	:	Chairman
ii) Two experts not below the rank of Associate Professor or equivalents, from the concerned field, not within the University.	:	Members
iii) Registrar		Member
iv) Dy. Registrar(Secy.)		Secretary
- No person shall be eligible for appointment or promotion to any post in any category or grade in the service unless he/she possesses the qualifications as contained above and fulfils other requirement of recruitment as provided in the rules and orders for the time being in force.
- The service conditions as applicable to the other non-teaching employees of SKUAST-J other than specified herein above, shall remain in force as such as envisaged in SKUAST-Statutes and JKCSR whichever applicable.
- The University shall, at such other intervals as may be necessary, re-examine the strength and composition of the Service and make such alterations therein as it deems fit in consultation with Financial Advisor (Universities) and approval of Board of Management.
- All rules corresponding to these rules and in force immediately before the commencement of these rules are hereby repealed.
- Not with standing such repeal, any appointment order made or action taken under the provisions of the rules so repealed shall be deemed to have been made or taken under the corresponding provisions of these rules.

Annexure-IX to
Notification No. 04 (Secy.) of 2018 Dated: 09.03.2018

**Addition/Amendment to
Schedule-II to Chapter-III of SKUAST-Statutes**

Pay scale of ₹4000-6000 (unrevised) of the post of Accounts Assistant/Cashier appearing below Column 3 at Class-IV , Category 2 under Schedule II to Chapter-III of SKUAST-Statutes is upgraded/substituted as under:

Designation of the post

Accounts Assistant/ Cashier

₹4500-7000

(Pay Band of

₹ 5200-20200 with Grade Pay of ₹2800) Central Scale



**Sher-e-Kashmir University of Agricultural
Sciences and Technology of Jammu**

**Notification No: 05 (Secy.) of 2018
Dated: 09-03-2018**

Sub: Addition/Amendments in SKUAST-Statutes-thereof.

**Ref: Communication no. GS-1(Amend-AUJ)12-18/1013-14 dated 15th
February, 2018 from Additional Secretary, Governor's Secretariat,
J&K, Raj Bhavan, Jammu**

As recommended by Board of Management of SKUAST-Jammu (at its 28th meeting), approved by University Council at its 17th Meeting and assented to by the Hon'ble Chancellor (Hon'ble Governor, J&K), I Dr. Pradeep K. Sharma, Vice-Chancellor, SKUAST-J, in exercise of powers vested in me under Section 40 of SKUAST-Act do hereby notify the amendment/addition to SKUAST-Statutes as contained in **Annexure-I** to this notification.

By Order

**No. AUJ/Secy./17-18/4693-4737
Date: 09-03-2018**

**Sd/-
(Pradeep K. Sharma)
Vice-Chancellor**

Cc:

- All Members of Board of Management.
- All Officers of SKUAST-Jammu.
- Dean, FoA/FBSc, Chatha/FVSc., R.S.Pura.
- Registrar, SKUAST-Kashmir, Shalimar Campus, Srinagar.
- Additional Secretary, Governor's Secretariat, Raj Bhavan, Jammu. This is in reference to the copy of the assent of Hon'ble Chancellor conveyed vide above quoted reference.
- Private Secretary to Principal Secretary to Hon'ble Governor (Hon'ble Chancellor SKUAST-Jammu), Governor's Secretariat, Raj Bhavan, Jammu.
- Private Secretary to Principal Secretary to Govt., Finance Department, J&K Govt., Civil Secretariat, Jammu.
- Private Secretary to Principal Secretary to Govt., Planning Development and Monitoring Department., J&K Govt., Civil Secretariat, Jammu.
- Private Secretary to Commissioner Secretary to Govt., Agriculture Production Department, Civil Secretariat, Jammu.
- Private Secretary to Hon'ble Governor for kind information of Hon'ble Governor, J&K and Chancellor, SKUAST-Jammu, Governor's Secretariat, Raj Bhavan, Jammu.
- All Deputy/Asstt. Registrars of SKUAST-J.
- All Deputy/Asstt. Comptrollers of SKUAST-J
- SVC for kind information of the Hon'ble Vice-Chancellor, SKUAST-Jammu.
- SVC for kind information of the Hon'ble Vice-Chancellor, SKUAST-Srinagar.
- File concerned (w.3.s.c)
- University website www.skuast.org


Registrar 09.03.18

**Annexure-I to
Notification No. 05 (Secy.) of 2018 Dated: 09.03.2018**

**Addition/Amendment to
Schedule-II to Chapter-III (Accounts Cadre) of SKUAST-Statutes**

Note (a) to the extent as under is inserted below class-1, category 1 of Schedule-II to Chapter-III (Accounts Cadre) of SKUAST-Statutes:

Note (a) Dy. Comptroller with PB + GP of ₹15600-39100+₹7600 who on completion of 05 years satisfactory service becomes eligible to move to the PB + GP of ₹37400-67000 +₹8700, shall, on grant of GP of ₹8700, be re-designated as Joint Comptroller with the stipulation that the post shall revert as Deputy Comptroller immediately when it falls vacant.

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**Sher-e-Kashmir University of Agricultural
Sciences and Technology of Jammu**

Notification No: 29 (Secy.) of 2017

Dated: 07 -12-2017

Sub: Addition/Amendments in SKUAST-Statutes-thereof.

As approved by University Council of SKUAST-Kashmir (at its 30th Meeting held on 17th of October, 2016) wherein the resolution under agenda item UC 30(04) and 30(06) regarding the adoption of CAS for Asstt. Librarian and the eligibility requirement for direct recruitment of Librarian, Deputy Librarian and Asstt. Librarian as per UGC guidelines, was made applicable *mutatis mutandis* in respect of similar categories in SKUAST of Jammu and assented to by Hon'ble Chancellor (Hon'ble Governor, J&K) vide no. GS-1(Ammend-AUJ)2012-17/5393 dated 15.11.2017, I Prof. Pradeep K. Sharma, Vice-Chancellor, SKUAST-J, in exercise of powers vested in me under Section 40 of SKUAST, Act, do hereby notify the addition/amendments regarding (i) adoption of CAS for Asstt. Librarian and (ii) the eligibility requirement for direct recruitment of Asstt. Librarian, Deputy Librarian and Asstt. Librarian under relevant schedules of SKUAST-Statutes as per Annexure-I & II to this notification.

This shall come to force with immediate effect.

By Order

Sd/-

**(Pradeep K. Sharma)
Vice-Chancellor**

No. AUJ/Secy./17-18/2566-2600

Date: 07-12-2017

Cc:

- All Officers of SKUAST-Jammu.
- Dean, FoA/FBSc, Chatha/FVSc., R.S.Pura.
- Registrar, SKUAST-Kashmir, Shalimar Campus, Srinagar.
- Additional Secretary, Governor's Secretariat, Raj Bhawan, Jammu. This is in reference to the copy of the assent of Hon'ble Chancellor conveyed vide his letter no. GS-1(Ammend-AUJ)2012-17/5393 dated 15.11.2017 for similar action in the matter under reference.
- Private Secretary to Hon'ble Governor for kind information of Hon'ble Governor, J&K and Chancellor, SKUAST-Jammu, Governor's Secretariat, Raj Bhawan, Jammu.
- Private Secretary to Principal Secretary to Govt., Agriculture Production Deptt., J&K Govt., Civil Secretariat, Jammu.
- Private Secretary to Principal Secretary to Hon'ble Governor, SKUAST-Jammu, Governor's Secretariat, Raj Bhawan, Jammu.
- Private Secretary to Principal Secretary to Govt., Finance Department, J&K Govt., Civil Secretariat, Jammu.
- Private Secretary to Principal Secretary to Govt., Planning, Monitoring and Development Department, Civil Secretariat, Jammu.
- All Deputy/Asstt. Registrars.
- All Deputy/Asstt. Comptrollers.
- SVC for kind information of the Hon'ble Vice-Chancellor, SKUAST-Jammu.
- SVC for kind information of the Hon'ble Vice-Chancellor, SKUAST-Srinagar.
- File concerned (w.3.s.c)

Pradeep K. Sharma
Registrar 7/12/17

**Annexure-I to
Notification No. 29 (Secy.) of 2017 dated 07.12.2017**

Addition/incorporation of Schedule III to Chapter-II (Career Advancement Scheme for Assistant Librarians of the University)

**Schedule -III to Chapter-II
(Career Advancement Scheme for Assistant Librarians of the University)**

- I. Assistant Librarian in the entry level grade (₹15600-39100+ 6000), possessing Ph.D in Library Science, after completing service of four years in the lowest grade, if otherwise eligible as per API scoring System and PBAS methodology laid down in the UGC (Minimum qualifications for appointment of teachers and other academic staff in Universities and Colleges and measures for the maintenance of standards in higher education) Regulations, 2010 shall be eligible for the higher grade(₹15600-39100+7000).
- II. Assistant Librarian in the entry level grade, not possessing Ph.D. but only M.Phil in Library Science, after completing service of **five years** in the lowest grade, if otherwise eligible as per API scoring system and PBAS methodology laid down in the UGC regulations, 2010, shall become eligible for the next higher grade (₹15600-39100+7000).
- III. Assistant Librarian in the entry level grade, without the relevant Ph.D. or M.Phil, after completing **six years** in the lowest grade if otherwise eligible as per API scoring system and PBAS methodology laid down in the UGC (Minimum Qualification for appointment of teachers and other academic staff in Universities and colleges and measures for the maintenance of standards in higher education) regulations, 2010, shall become eligible for the next higher grade (₹15600-39100+7000).
- IV. On completion of service of five years, Assistant Librarians (Sr Scale) shall be eligible for the post of Deputy Librarian/equivalent posts and being placed in the next higher grade (stage 3), subject to their fulfilling other conditions of eligibility (such as Ph.D. Degree etc for Deputy Librarian) as per API scoring system based PBAS methodology laid down by the UGC for CAS promotion in Regulations-2010.They shall be designated as Deputy Librarian/Assistant Librarian (Selection Grade) as the case may be.
- V. After completing three years in the above grade, Deputy Librarians/equivalent positions shall move to the next higher grade (stage 4), subject to fullfilling other conditions of eligibility as per API scoring System and PBAS methodology laud down by the UGC for CAS promotion in Regulations-2010.
- VI. This scheme shall come into force with effect from the date it was notified by UGC vide no. F.31/2009 dated 30.06.2010.

Note: Selection committee and guidelines on selection including API Score for screening and evaluation shall be followed as per UGC regulations, 2010

DW/

Annexure-II to
Notification No. 29 (Secy.) of 2017 dated 07.12.2017

Amendment to Schedule-I to Chapter-II (Appointment of Officers and Teachers of the University)

Column (3) captioned "Qualification for direct recruitment" for the posts of University Librarian, Deputy /Associate Librarian and Assistant Librarian appearing at S.No. 11, 12 and 13 respectively in Schedule-I to Chapter-II (Appointment of Officers and Teachers of the University) of SKUAST-Statutes shall be amended to the extent as under:

S.No.	Designation of post with grade	Qualification for direct recruitment	Composition of the Selection Committee	
11.	University Librarian (Pay Band of ₹ 37,400-67000 with Grade Pay of ₹10000) UGC Scale	<p>Essential</p> <p>i) A Master's Degree in Library Science/Information Science/documentation with at least 55% marks or its equivalent grade of B in the UGC seven points scale and consistently good academic record set out in these regulations</p> <p>ii) At least thirteen years as Deputy Librarian in a University Library or eighteen years experience as a College Librarian.</p> <p>iii) Evidence of innovative Library Service and organization of published work.</p> <p>Desirable</p> <p>i. A M.Phil/Ph.D. Degree in library science /information science/documentation/Archives and manuscript keeping</p> <p>Note: The appointment to the post shall be on tenure basis for a period of 05 years.</p>	<p>i. Vice-Chancellor</p> <p>ii. Two expert from outside the University to be nominated by the Vice Chancellor from Panel approved by Board</p> <p>iii. Director Education</p> <p>iv. One representative of State Govt. not below the rank of Secretary to Govt.</p> <p>(Quorum of the Committee shall be of 3 members with one expert from outside)</p>	<p>Chairman</p> <p>Member</p> <p>Member</p> <p>Member</p>
12.	Deputy/Associate Librarian (Pay Band of ₹ 15,600-39,100 with Grade Pay of ₹ 8000) UGC scales	<p>Essential</p> <p>i. A Master's Degree in Library Science/Information Science/documentation with at least 55% of the marks or its equivalent grade of B in the UGC seven points scale and consistently good academic record.</p> <p>ii. Five Years experience as an Assistant University Librarian/College Librarian</p>	<p>i. Vice-Chancellor</p> <p>ii. Director Education</p> <p>iii. Two expert from outside the University to be nominated by the Vice Chancellor from Panel approved by Board of</p>	<p>Chairman</p> <p>Member</p> <p>Member</p>

		<p>iii. Evidence of innovative Library Service and organization of published work and Professional Commitment, Computerization of Library.</p> <p>Desirable</p> <p>i. A M.Phil/Ph.D. Degree in library science /information science/documentation/Archives and manuscript keeping .</p>	<p>Management</p> <p>iv. One representative from State Govt. not below the rank of Secretary to Govt.</p> <p>(Quorum of the Committee shall be of 3 members with one expert from outside)</p>	Member
13	<p>Assistant Librarian, (Pay Band of ₹ 15,600-39100 with Grade Pay of ₹ 6000) UGC scales</p>	<p>Essential</p> <p>i) A Master's Degree in Library Science/Information Science/documentation or an equivalent professional degree with at least 55% marks (or an equivalent grade in a point scale wherever grading system is followed) and a consistently good academic record with knowledge of computerization of library.</p> <p>ii) Qualifying in the national level test conducted for the purpose by the UGC or any other agency approved by the UGC</p> <p>iii) However, candidates, who are or have been awarded Ph.D degree in accordance with the University Grant Commission (Minimum Standards and procedures for Award of Ph.D. Degree) Regulation 2009, shall be exempted from the requirement of the minimum eligibility conditions of NET/SLET/SET for recruitment and appointment of University Assistant Librarian</p> <p>Desirable</p> <p>i. A M.Phil/Ph.D. Degree in library science /information science/documentation/Archives and manuscript keeping</p>	<p>i. Vice-Chancellor</p> <p>ii. Two expert from outside the University to be nominated by the Vice Chancellor from Panel approved by Board of Management</p> <p>iii. Director Education</p> <p>iv. University Librarian</p> <p>v. One representative of State Govt. not below the rank of Additional Secretary to Govt.</p> <p>(Quorum of the Committee shall be of 3 members with one expert from outside)</p>	<p>Chairman</p> <p>Members</p> <p>Member</p> <p>Member</p> <p>Member</p>

Dr/.



**Sher-e-Kashmir University of Agricultural
Sciences and Technology of Jammu**

**Notification No: 12 (Secy.) of 2017
Dated: 19-07-2017**

Sub: Addition/Amendments in SKUAST-Statutes-thereof.

As recommended by Board of Management of SKUAST-Kashmir (at its 63rd Meeting), approved by University Council, SKUAST-Kashmir in its 31st Meeting held on 17th of April, 2017 wherein the resolution at agenda item 31.15 regarding the re-designation of post of Deputy Registrar as Joint Registrar on grant of pay band of ₹37400-67000 +GP ₹8700 was made applicable *mutatis mutandis* in SKUAST-Jammu and assented to by Hon'ble Chancellor (Hon'ble Governor, J&K), I Dr. Pradeep K. Sharma, Vice-Chancellor, SKUAST-J, in exercise of powers vested in me under Section 40 of SKUAST, Act, 1982 (Amended upto July, 2005), do hereby notify the amendment in SKUAST-Statutes as follows:

"The Deputy Registrar with GP + PB of ₹15600-39100+₹7600 who on completion of 05 years satisfactory service becomes eligible to move to the PB + GP of ₹37400-67000 +₹8700, shall, on grant of GP of ₹8700, be re-designated as Joint Registrar with the stipulation that the post shall revert as Deputy Registrar immediately when it falls vacant, be approved".

This shall come into force with immediate effect.

By Order

Sd/-
(Pradeep K. Sharma)
Vice-Chancellor

No. AUJ/Secy./17-18/F-101/1375-1416
Date: 19-07-2017

Cc:

- All Officers of SKUAST-Jammu.
- Dean, FoA/FBSc, Chatha/FVSc., R.S.Pura.
- Registrar, SKUAST-Kashmir, Shalimar Campus, Srinagar.
- Deputy Secretary, Governor's Secretariat, Raj Bhawan, Srinagar. This is in reference to the copy of the assent of Hon'ble Chancellor conveyed vide his letter no.GS-13(Amend-AUK) 2016-17/3186-87 dated 6th, July, 2017 for similar action in the matter under reference.
- Private Secretary to Principal Secretary to Govt., Agriculture Production Deptt., J&K Govt., Civil Secretariat, Srinagar.
- Private Secretary to Principal Secretary to Hon'ble Governor, SKUAST-Jammu, Governor's Secretariat, Raj Bhawan, Srinagar.
- Private Secretary to Principal Secretary to Govt., Planning, Monitoring and Development Department, Civil Secretariat, Srinagar.
- Private Secretary to Commissioner/Secretary to Govt., Finance Department, J&K Govt., Civil Secretariat, Srinagar.
- Private Secretary to Hon'ble Governor for kind information of Hon'ble Governor, J&K and Chancellor, SKUAST-Jammu, Governor's Secretariat, Raj Bhawan, Srinagar.
- All Deputy/Asstt. Registrars
- All Deputy/Asstt. Comptrollers
- SVC for kind information of the Hon'ble Vice-Chancellor, SKUAST-Jammu.
- SVC for kind information of the Hon'ble Vice-Chancellor, SKUAST-Srinagar.
- File concerned (w.3.s.c)

[Signature]
Registrar 19/7/17

SKUAST
Jammu



**Sher-e-Kashmir University of Agricultural
Sciences and Technology of Jammu**

Notification No: 7 (Secy.) of 2017

Dated: 19-07-2017

Sub: Addition/Amendments in SKUAST-Statutes-thereof.

As recommended by Board of Management of SKUAST-Kashmir (at its 63rd Meeting), approved by University Council of SKUAST-Kashmir in its 31st Meeting held on 17th of April, 2017 wherein the resolution at agenda item 31.9 regarding the change of nomenclature of post of Project Planning and Monitoring Officer as Director, Planning & Monitoring and the revised eligibility requirement was made applicable *mutatis mutandis* in respect of similar categories in SKUAST of Jammu and assented to by Hon'ble Chancellor (Hon'ble Governor, J&K) for similar action in SKUAST-J, I Dr. Pradeep K. Sharma, Vice-Chancellor, SKUAST-J, in exercise of powers vested in me under Section 40 of SKUAST, Act, 1982 (Amended upto July, 2005), do hereby notify the amendment regarding change of nomenclature of post of Project Planning & Monitoring Officer as Director, Planning & Monitoring and eligibility requirement at S.No.5 under Schedule -I to Chapter-II (Appointment of Officers and Teachers of the University) of SKUAST-Statutes as contained in Annexure-I to this notification.

This shall come to force with immediate effect.

By Order

Sd/-

**(Pradeep K. Sharma)
Vice-Chancellor**

No. AUJ/Secy./17-18/F-101 | 1333-74

Date: 19-07-2017

Cc:

- All Officers of SKUAST-Jammu.
- Dean, FoA/FBSc, Chatha/FVSc., R.S.Pura.
- Registrar, SKUAST-Kashmir, Shalimar Campus, Srinagar.
- Deputy Secretary, Governor's Secretariat, Raj Bhawan, Srinagar. This is in reference to the copy of the assent of Hon'ble Chancellor conveyed vide his letter no.GS-13(Amend-AUK) 2016-17/3186-87 dated 6th, July, 2017 for similar action in the matter under reference.
- Private Secretary to Principal Secretary to Govt., Agriculture Production Deptt., J&K Govt., Civil Secretariat, Srinagar.
- Private Secretary to Principal Secretary to Hon'ble Governor, SKUAST-Jammu, Governor's Secretariat, Raj Bhawan, Srinagar.
- Private Secretary to Principal Secretary to Govt., Planning, Monitoring and Development Department, Civil Secretariat, Srinagar.
- Private Secretary to Commissioner/Secretary to Govt., Finance Department, J&K Govt., Civil Secretariat, Srinagar.
- Private Secretary to Hon'ble Governor for kind information of Hon'ble Governor, J&K and Chancellor, SKUAST-Jammu, Governor's Secretariat, Raj Bhawan, Srinagar.
- All Deputy/Asstt. Registrars
- All Deputy/Asstt. Comptrollers
- SVC for kind information of the Hon'ble Vice-Chancellor, SKUAST-Jammu.
- SVC for kind information of the Hon'ble Vice-Chancellor, SKUAST-Srinagar.
- File concerned (w.3.s.c)


Registrar 19/7/17

**SKUAST
Jammu**



**Sher-e-Kashmir University of Agricultural
Sciences and Technology of Jammu**

**Notification No: 16 (Secy.) of 2017
Dated: 19-07-2017**

Sub: Addition/Amendments in SKUAST-Statutes-thereof.

As recommended by Board of Management (at its 27th meeting held on 11th of February, 2017), approved by University Council in its 16th Meeting held on 17th of April, 2017, assented to by the Hon'ble Chancellor (H.E. the Governor, J&K) and the assent conveyed vide Deputy Secretary to Governor No. GS-1(Amend-AUJ)/2012-17/3282 dated 11.07.2017, I, Dr. Pradeep K. Sharma, Vice-Chancellor, SKUAST-J, in exercise of powers vested in me under Section 40 of SKUAST, Act, 1982 (Amended upto July, 2005), do hereby notify addition/amendment in SKUAST-Statutes as contained in Annexure-I & II to this Notification.

This shall come to force with immediate effect.

Sd/-
(Pradeep K. Sharma)
Vice-Chancellor

No. AUJ/Secy./17-18/F-101 | 1288-1332
Date: 19-07-2017

Cc:

- All Members of Board of Management.
- All Officers of SKUAST-Jammu.
- Dean, FoA/FBSc, Chatha/FVSc., R.S.Pura.
- Registrar, SKUAST-Kashmir, Shalimar Campus, Srinagar.
- Deputy Secretary, Governor's Secretariat, Raj Bhavan, Srinagar.
- Private Secretary to Hon'ble Governor for kind information of Hon'ble Governor, J&K and Chancellor, SKUAST-Jammu, Governor's Secretariat, Raj Bhavan, Srinagar.
- Private Secretary to Principal Secretary to Govt., Agriculture Production Deptt., J&K Govt., Civil Secretariat, Srinagar.
- Private Secretary to Principal Secretary to Hon'ble Governor, SKUAST-Jammu, Governor's Secretariat, Raj Bhavan, Srinagar.
- Private Secretary to Principal Secretary to Govt., Planning, Monitoring and Development Department, Civil Secretariat, Srinagar.
- Private Secretary to Commissioner/Secretary to Govt., Finance Department, J&K Govt., Civil Secretariat, Srinagar.
- Associate Professor (Agril. Stat.) & I/c Data Center with the request to kindly direct the concerned for the uploading of the same on the University website.
- All Deputy Registrars/Asstt. Registrars/Administrative Officers, SKUAST-Jammu.
- All Deputy Comptrollers/Asstt. Comptrollers/Accounts Officers of SKUAST-Jammu.
- SVC for kind information of the Hon'ble Vice-Chancellor, SKUAST-Jammu.
- SVC for kind information of the Hon'ble Vice-Chancellor, SKUAST-Srinagar.
- File concerned (w.3.s.c).

[Signature]
Registrar 19/7/17

The existing regulations of CAS of teachers mentioned under Schedule-II to Chapter-II (Career Advancement Scheme for Teachers) of SKUAST-Statutes is replaced with new CAS regulations along with guidelines for Academic Performance Indicators (API)/ Scorecard given hereafter :

CAREER ADVANCEMENT SCHEME (CAS)

for

Teachers of SKUAST-Jammu

2/1/21

Career Advancement Scheme (CAS) for Teachers of SKUAST-Kashmir/Jammu

A. Regulations for Career Advancement Scheme.

1. Career Advancement Scheme:

This Career Advancement scheme is for scientists', teachers, extension specialist and equivalents and shall be called "CAS of 2006 for Teachers/Scientists".

2. Applicability /Coverage:

- i. All placements to next higher grade pay shall be regulated strictly in accordance with the guide lines stated herein.
- ii. The upward movement of the scientists/teachers and equivalents to the next higher pay scale and/or academic grade pay (AGP) of ₹7000, ₹8000, ₹9000 and ₹10000 with 3% annual increments as per Career Advancement Scheme (CAS) shall be based on Academic Performance Indicator (API) score prescribed with scheme on the basis of Performance Based Appraisal System (PBAS) as prescribed by the university.
- iii. The scheme shall apply to the scientists/teachers, extension specialists and equivalents working in the SKUAST-J/ K.
- iv. The Academic Performance Indicator API score cut-off points required for placement in next AGP shall be cumulative 75 points at each stage for the assessment period.
- v. There shall be a deferred placement at each stage of evaluation for the scientists, teachers and equivalents that shall fall short of cut off API score by 2 or less. Such scientists shall not be required to get reassessed afresh and shall be promoted to the next stage with deferment of one year from the otherwise due date of placement in the higher scale.
- vi. However, a scientist /teacher or equivalent whose API score shall fall short by more than 2.00 points at the time of first assessment will have to resubmit their assessment forms afresh after two years from the date of their otherwise due date of placement in higher scale, and he/she shall be promoted to next stage with deferment of two years from his/her otherwise due date placement to the next stage.
- vii. If a teacher or equivalent secures API score less than 38 (under category A to E of score card proposed herein), for the positions where teacher has to face interview while being considered for promotions under CAS, he/she shall not be called for interview and he/she have to resubmit his/her assessment forms after two years from the date of their first assessment and shall be considered for promotion to the next stage two years after their due date of eligibility.
- viii. In a calendar year the cases of promotions under CAS shall be processed twice in the months of June and December and process shall be completed preferably within six months.

3. Date of Implementation of CAS:

- (i) The CAS shall be applicable to the university scientists/ teachers and equivalents w.e.f. 01.01.2009.
- i) The teachers/scientists eligible for promotion/placement or already promoted/placed under the CAS w.e.f. 01.01.2009 shall be governed by the UGC Regulations notified on 30.06.2010 as such. Accordingly the Academic Performance Indicator (API) Score Card for their assessment shall be rolled out w.e.f. 01.01.2011 i.e. three months after the Gazette publication of UGC regulations on 18.09.2010.

4. Seniority between the direct recruited and teachers promoted under CAS:

The inter-se seniority of a direct recruit shall be determined with reference to the date of joining and for the teachers promoted under CAS with reference to the date of eligibility as indicated in the recommendations of the selection committee of the respective candidates. The JK Civil Service Rules and Regulations shall apply, for all other matters of seniority.

5. Counting of Past Services:

Previous service, whether rendered without any break as Asst Professor, Associate Professor or Professor or equivalent in a University, College, National Laboratories or other scientific Organizations such as CSIR, ICAR, DRDO, UGC, ICSSR, ICHR, etc., should be counted for placement of a teacher as Assistant Professor, Associate Professor, Professor or any other nomenclature for these posts provided that:

- i. The essential qualifications of the post held were not lower than the qualifications prescribed by ICAR/UGC for Assistant Professor, Associate Professor and Professor as the case may be.
- ii. The post is/was in an equivalent grade pay of the pre-revised scale of pay as the post of Assistant Professor, Associate Professor and Professor.
- iii. The candidate for direct recruitment has applied through proper channel only.
- iv. The concerned Assistant Professor, Associate Professor and Professor should possess the same minimum qualifications as prescribed by ICAR/UGC/University for appointment to the post of Assistant Professor, Associate Professor and Professor, as the case may be.
- v. The post was filled in accordance with the prescribed selection procedure as laid down in the regulations of University/ State Government/ Central Government/ Concerned Institution, for such appointments.
- vi. The appointment was not an *ad hoc* or in a leave vacancy of less than one year duration. The ad hoc service of more than one year duration can be counted provided that the incumbent was appointed on *ad hoc* on the recommendation of a competent selection committee constituted for the post as specified in the SKUAST Statutes for the purpose and
 - a. The incumbent was appointed against a substantive vacancy, and
 - b. The incumbent was selected subsequently to the same post in continuation of the ad hoc service without break.

6. Procedure for Implementation of CAS of 2009:

- i. A teacher who wishes to be considered for placement under CAS shall submit in writing to the University on or before the due date of eligibility, that he / she fulfils all qualifications and requirements under CAS and submits to the University the PBAS based work done report, duly supported by all credentials. The University shall immediately initiate the process of screening/ selection, and shall complete the process within six months from the date of application. Further, the candidate who fulfils all other criteria mentioned in these Regulations as on the date of notification of these Regulations shall be considered for placement from the date on which they fulfill these eligibility conditions as mentioned above and financial benefit will be given from the date of eligibility.
- ii. A teacher shall have earned annual increments regularly during the assessment period for CAS placements. These placements being a personal placement to the incumbent teacher, scientist or equivalent holding a substantive sanctioned post, on superannuation of the individual incumbent or the incumbent relinquish the post for any other reasons the vacated post shall revert back to its original cadre.
- iii. The In-charge/ Controlling Officer/ HoD will verify the information of the applicant by giving a certificate at the end of the application.
- iv. If a teacher, scientist or equivalent does not succeed in the first assessment, but succeeds in the eventual assessment, his/her placement shall be deemed to be from the later date he/she gets eligible for placement in higher grade.
- v. The teacher, scientist or equivalent must be on roll and in active service of the University on the date of eligibility for placement and should submit his/her application on or before the last date of eligibility.
- vi. If a candidate applies for placement on the last date of completing the minimum eligibility period and is successful, the date of Placement will be from the date of eligibility. However, if the candidate finds that he/she fulfils the eligibility conditions at a later date and applies for placement from that later date and is successful, his/her placement will be effected from the date he/she fulfils the prescribed criteria for the placement.
- vii. The issue regarding the counting of period of active service spent on pursuing Ph.D. is to be considered in light of UGC notification 2010 and its clarification issued from time to time thereof.
- viii. CAS placements from a lower grade pay to a higher grade pay of Assistant Professor shall be conducted by a "Screening cum Evaluation Committee" adhering to the PBAS system which will be progressively and prospectively rolled out w.e.f. 1.1. 2011.
- ix. The APR's of the assessment period shall be counted in the score card for promotion in all stages.
- x. The "Screening cum Evaluation Committee" for CAS shall consist of:
AGP 6000 to 7000 and AGP 7000 to 8000 (AP to Sr. Scale and AP (Sr. Scale) to AP (Selection Grade).
 - Two members amongst Directors/Deans/Other Officers of the University (to be nominated by the Vice-Chancellor), out of which one will act as Chairman (to be nominated by the Vice Chancellor).
 - Dean of concerned Faculty as a member

- One senior Professor of the concerned faculty to be nominated by the Vice Chancellor.
- The concerned Head of the Division/Unit as a member
- Deputy Registrar (Est) as a Non-Member secretary

The quorum for the committee meeting shall be three including Chairman.

- xi. The teachers seeking placement from Assistant Professor AGP 8000 (Sr. Grade) to Associate Professor and equivalent (AGP `9000) and Associate Professor and equivalent to Professor and equivalents (AGP `10,000) shall be called for interview before the selection committee after it is cleared by the "Screening cum Evaluation Committee". The composition of the selection committee for the purpose shall be same as applicable at the time of recruitment to position of Assoc. Professor and Professor as mandated in the Statutes.

Composition of Screening cum Evaluation Committee:

- The Vice Chancellor - Chairperson
- Three experts in the concerned subject nominated by the Vice Chancellor out of the panel of names of outside state experts approved by the Board of Management
- One member amongst Dean/Director to be nominated by the Vice Chancellor

At least three members, including the chairperson and one outside subject experts shall constitute the quorum

- Registrar as non -member Secretary

The recommendations of the Screening-cum-Evaluation committee shall be placed before the Selection committee.

- xii. The recommendation of "Selection Committee" for promotion as Associate Professors and Professor under CAS shall be placed before to the Board of Management for approval.
- xiii. In case of such teachers/scientists or equivalent, who will not be fulfilling the requirement of participation in Orientation/Refresher course(s) only, wherever applicable, on or before their due date of placement/promotion under CAS for Teachers, their assessment shall be deferred by one year precisely within which he/she has to fulfill the training requirement in any case. In such cases the placement/promotion under CAS of a teacher shall take effect from the due date of his/her eligibility. This provision shall not be extended beyond one year after implementation of these CAS guidelines in any case. Thereafter the date of placement/promotion shall be the date when all the requirements including trainings for such placement/promotion as envisaged in the Scheme will be fulfilled by the concerned.
- xiv. All the assessments shall be based on the PBAS specifically developed for SKUAST of Jammu/ Kashmir (Annexure-I). However, the assessment in respect of teachers/scientists whose placement/promotion falls between 01.01.2009 to 31.12.2010, shall be as per the pre-amended CAS for Teachers/Scientists under Schedule-II of Chapter -III of SKUAST Statutes.

7. Redressal of Anomalies:

Anomalies, if any, shall be brought to the notice of Vice-Chancellor for consideration by the University as per the norms.

8. Promotion Procedures of scientists/ teachers and equivalents under new Career Advancement Scheme (CAS):

A. ELIGIBILITY:

A1. Promotion of Assistant Professor/ Jr. Scientist and equivalent with AGP of ₹6000 (Stage 1) to Assistant Professor/ Jr. Scientist and equivalent with AGP of ₹7000 (Stage 2)

For movement from AGP ₹6000 to ₹7000 in the Pay Band of ₹15600-39100 an Assistant Professor or equivalent should have:

- a. Ph.D in the relevant discipline with completed service of 4 years in the AGP of ₹6000
or
M.Phil. in nonprofessional streams or Masters in professional streams (M Sc agriculture, M Sc Horticulture, M F Sc. M Sc (forestry), M V Sc and M Tech., MSc Sericulture /MBA etc.) in the relevant discipline with 5 years of service in the AGP of ₹ 6000
or
Master's degree in non-professional streams in relevant disciplines with a completed service of six years in the AGP of ₹6000.
- b. Completed one training programme /summer/ winter school/ refresher course of a minimum of 2/3 weeks duration during the assessment period.
- c. Secured overall minimum of API score of 75 % for the promotion in PBAS as prescribed by the University.

Explanation:

All Assistant Professors or equivalent who have completed 04 years/05 years/06 years of service in of PB-3 (₹15,600-39,100 +AGP ₹6,000) as on 1.1. 2009 as explained above will be placed in the scale of PB-3 ₹.15,600-39,100 +AGP ₹7,000/-, through a process of screening of applications so received by the office of Registrar and placed before the Screening -cum-Evaluation Committee to determine eligibility for higher AGP and promotion to next higher rank under CAS Scheme.

Recommendations of the Screening-cum-Evaluation Committee shall be submitted to the Vice-Chancellor for approval.

A2. Promotion of Assistant Professor/ Junior Scientist and equivalent with AGP of ₹7000 (Stage 2) to Assistant Professor/Jr. Scientist with AGP of ₹8000:

For movement from AGP ₹7000 to ₹8000 in the Pay Band of ₹15600-39100 an Assistant Professor or equivalent should have.

- a. Completed 5 years of service in the AGP of ₹7000.
- b. Completed one training programme /summer school/winter school/ refresher course of a minimum of 2/3 weeks duration during the assessment period.
- c. Secured overall minimum of API score of 75% for the promotion in PBAS as prescribed by the University.

Explanation:

All Assistant Professors or equivalent who have completed 05 years service in PB-3 (₹15,600-39,100 + AGP ₹7,000/-) will be placed in the scale of PB-3 ₹15,600-39,100+ AGP ₹8,000/- though a process of screening of applications so received by the Registrar and after verification placed before the Screening-cum- Evaluation Committee to determine eligibility for higher AGP and promotion to the next higher rank under CAS scheme.

Recommendations of the Screening-cum-Evaluation Committee shall be submitted to the Vice-Chancellor for approval.

- A3. Promotion from Assistant Professor/ Junior Scientist and equivalent with AGP ₹8000 (Stage 3) to Associate Professor/ Sr. Scientist and equivalent with AGP of ₹9000 (Stage 4):**

For Movement from AGP ₹8000 (Stage- 3) to ₹9000 (Stage- 4) and Pay Band from ₹15600-39100 to ₹37400-67000 an Assistant Professor or equivalent should have:

- a. Completed 3 years of service in the AGP of ₹8000.
- b. Completed one training programmes /summer /winter schools/ refresher courses of a minimum of one week duration during the assessment period.
- c. Secured overall minimum of API score of 75% for the promotion in PBAS as prescribed by the University.
- d. Has published a minimum of three publications in the entire period as Assistant Professor or equivalent (twelve years)

Explanation:

Assistant Professor or equivalent with existing scale of PB-3 of ₹15600-39100 + AGP of ₹8000/- having completed 03 years of service as detailed above will be placed in the scale of PB-4 of ₹37400-67000 +AGP of ₹9000/- through a process of screening –cum- evaluation. However, the teacher/scientist shall be eligible for promotion of Associate Professor or equivalent after experience of 12 years if possessing Ph.D. degree, after 13 years if possessing M Phil or Master degree in professional streams, and after 14 years if possess Master's degree in non-professional streams or disciplines.

Likely issues with clarification:

S No.	Issue	Clarification
1.	Placement from AGP ₹8000 to AGP ₹9000	All those Associate Professors/Senior Scientists and equivalent who are directly appointed/placed/promoted in the pay scale of Rs.15600-39100 with AGP of 8000 and shall be completing three years of service on or after 1.1.2009 upto 30.12.2010 shall be automatically placed in AGP of 9000 without any formal assessment. All Associate Professors/Sr. Scientists & equivalents appointed/placed /promoted on or after 01.01.2006 shall be granted the AGP of 9000 as per the UGC regulation, 2010 and its clarification issued from time to time thereof.

A4. Promotion of Associate Professor/ Sr. Scientists and equivalent with AGP ₹9000 (Stage 4) to Professor/ Chief Scientist and equivalent (Stage 5) to AGP ₹10000 in the Pay Band of ₹37400- 67000:

- a. For movement from AGP ₹9000 to ₹10000 in the pay band of ₹37400-67000 an Associate Professor/Sr. Scientist or equivalent should have completed 3 years of service in the AGP of ₹9000 and should possess Ph.D. in the relevant discipline
- b. Secured overall minimum of API score of 75% for the promotion in PBAS as prescribed by the University.
- c. Minimum of three research paper for the assessment period with NAAS rating of more than 4.00.

Explanation:

An Associate Professor or equivalent having completed 03 years of service in the AGP of Rs.9,000/- and possessing Ph. D. degree in the relevant discipline shall be eligible to be designated as Professor or equivalent, through a process of Screening-cum-Evaluation and Selection Committee, in the scale of ₹37,400-67,000 with AGP of ₹.10,000/-.

Recommendations of the Selection Committee shall be submitted to the Board of Management for approval.

By
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(B)

**Guidelines for
Academic Performance Indicator (API) / Score Cards based on Performance Based Appraisal
System (PBAS)**

Career Advancement Scheme (CAS), 2006

for

Teachers / Scientists / Extension Specialists / Equivalents

22 84

Sher-e-Kashmir University of Agricultural Sciences and Technology, Jammu/Kashmir

**ACADEMIC PERFORMAMNCE INDICATOR (API) SCORE CARD ON THE BASIS OF PERFORMANCE
BASED APPRAISAL SYSTEM (PBAS)**

Career Advancement Scheme (CAS) for Teachers/Scientists/Extension Specialists/Equivalents

Academic Performance Indicator (API) Score Cards are specifically for teachers / scientists / extension specialists / equivalents of Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu/Kashmir engaged in teaching/ research / extension or equivalent. The format of application for considering evaluation has been appropriately designed to consider and assess various activities undertaken by the teacher/scientist/extension specialist/equivalent.

The minimum API Score cut-off points required for placement in the next AGP/pay band shall be 75 in aggregate (i. e. 75 points out of a total of 100 points) for all promotions/ placements.

Performance Evaluation Score Card (PBAS) for Scientists, Teachers and equivalents of SKUAST J/K - Kashmir, w.e.f 01.1.2009.

Assessment period (years)	4/5/6**	5	3	3
Movement from AGP	₹6,000	₹7,000	₹8,000	₹9,000
Advancement to Grade (AGP)	₹7,000	₹8,000	₹9,000	₹10,000
A*	Maximum API	Maximum API	Maximum API	Maximum API
• Teaching + Research	45	45	30	30
• Extension	10	10	5	5
Or				
• Extension+ Teaching	45	45	30	30
• Research	10	10	5	5
Or				
• Research/Academic/ Extension Management	45	45	30	30
• Teaching/Research/ Extension	10	10	5	5
	55	55	35	35
B. Capacity Building /Monitoring/ Evaluation etc.	8	8	15	15
C. Publications	20	20	12	12
D. Peer Recognition	5	5	6	6
E. Annual Performance Report (APR)	12	12	12	12
F. Interview Maximum API	nil	nil	20	20
G. Total API Score	100	100	100	100
Minimum score required for promotion	75	75	75	75

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- **under subgroups of "A" above, a teacher/scientist can opt for assessment either for group of activities exclusively or combination thereof. However, in any case the maximum score should not be more than what is assigned under "A" above in the relevant category.*
- ***4 years for Scientist/ teachers with Ph.D. qualification, 5 years for Scientist/ teachers with M Phil or Masters in professional streams (M. Sc. agriculture, M. Sc. Horticulture, M. F. Sc., M. Sc. (forestry), M. V. Sc. and M Tech.*
- *6 years for Scientist/ teachers with Masters in non-professional streams
While evaluating the research paper NAAS rating of the paper shall be as prescribed by NAAS for journal for year of publication.*
- *Interview marks for qualifying will be 50 % for moving from AGP Rs. 8000 to Rs. 9000 and from Rs. 9000 to Rs. 10000.*

Annexure I

Annexure I (a)

FORMAT of APPLICATION FOR CAS

Academic Performance Indicator (API) score card on Performance Based Appraisal System (PBAS) for Evaluation of Teacher / Scientist / Extension Specialist / Equivalent from

AGP ₹ _____ to _____

I. Personal Details

1.	Name	:	
2	Designation	:	
3	Discipline/Specialization	:	
4	Division/Department/Section/Station/ Centre/ KVK/Directorate	:	
5	Date of Birth	:	
6	Date of joining the University	:	
7	Present post held	:	
8	Date of joining the present post	:	
9	Post/ grade for which incumbent is to be assessed	:	
10	Assessment period	:	
11	Date of placement /promotion to next stage	:	

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Performance Based Appraisal System (PBAS) Score Card

For Teacher / Scientist / Extension Specialist / Equivalent for promotion from

AGP _____ to _____

A	ACHIEVEMENTS IN TEACHING / RESEARCH / EXTENSION / EQUIVALENT ACTIVITIES	Max Points	Points Obtained
A1	Achievements in Research		
	Research Projects 1. External projects handled/being handled • Up to Rs 5.00 lakhs • Rs 5.0-30.00 lakhs • >Rs.30.00 lakhs <i>Full points for PI and 50% points for Co-PI/co-PIs/ collaborator for each project</i>	05.00 points / project 10.0 points /project 15.0 points/ project	
	2. AICRPs/Network projects <i>Full points for PI and 50% points for Co-PI/ collaborator for each project</i>	3.00 points/ year to each scientist	
	3. Divisional/Departmental projects. 4. Evaluation of pesticides, pharmaceuticals, bio-pointers, varieties, implements, diagnostic kits, fertilizer, organic manure, vaccines etc. <i>Full points for PI and 50% points for Co-PI/ collaborator for each project</i>	2.00 points / project /product/activity	
	5. Service providing projects Production of quality seed/planting material, variety/ production of animal/ poultry/ fish/ goat/ sheep stock etc. Spawn, beekeeping etc, or any other product/ item useful for the farming community.	2.50 points per product/item/scientist	
	6. Development of process, concept, methodology, & any other relevant output, Development of Innovative technologies, unique microbes, product, vaccine, diagnostic kit 7. Software development/Data base management/Ex/t system /Decision support system /models /standards developed	4.00 points/contributor/ item for PI 3.00 points/ contributor item for PI 10.00 points	

	8. Development of variety/vaccine <ul style="list-style-type: none"> ○ Principal scientist ○ other associated scientists 	07.50 points	
	Other Research Activities 9. Members of monitoring team/ Referee/Paper Reviewers 10. Developing SOPs for national facility/consultancy	1.00 point/ activity 2.00 points/ activity	
	11. Intellectual Property Rights (IPRs) granted: Patents, Copyrights, Geographical indications, Registered/ Protected varieties, /breeds, Designs, etc. 100% for PI and 50% for Co-PI	6.00 points/ activity	
	12. Any other research activity not coursed as above	1.0 point/activity	
A2	Achievements In Teaching		
	1. Teaching <ul style="list-style-type: none"> ○ Undergraduate Courses taught, tracking programmes and Study Circle in a semester ○ Postgraduate Courses taught <i>Equal weight-age for all instructors</i>	2.00 points/credit hour 1.50 point/credit hour	
	2. Student guidance <ul style="list-style-type: none"> • Ph.D. <ul style="list-style-type: none"> • As guide for each student • As member of advisory committee for each student • Masters <ul style="list-style-type: none"> • As guide for each student • As member of advisory committee for each student • UG for each student 	5.00 points 1.50 points 3.00 points 1.00 points 0.25 points	
	3. External institution students (Ph.D./ Masters) guidance (For Project formulation , execution, and report writing) <ul style="list-style-type: none"> • As Guide/student • As Co-guide/student 	1.00 points 0.50 points	
	4. Other Teaching Activities <ul style="list-style-type: none"> ○ RAWE/RHWE/RFWE/FWE/RSWE and Internship organized: <ul style="list-style-type: none"> • Coordinator • Associated faculty ○ Experiential learning <ul style="list-style-type: none"> • Chief Executive Officer (dean of faculty) • Managing Director (HoD) • Manager (Faculty Member) 	3.00 points/batch 1.50 points/batch 0.10 point /credit/ semester 0.20 point /credit/semester 0.50 point /credit/semester	

	5. Teaching aids developed (Teaching manuals, instructional materials, web lectures etc)	3.00 points/ author	
	6. Study tour other than Course/ NCC/NSS camps arranged	2.00 points/ activity	
	7. Specialized referral diagnostic services in multidisciplinary mode	2.00 points/ scientist/ semester	
	8. Special course/ course curriculum developed	1.00 point/ activity	
	9. Conduct of examinations: External examiner/ paper setting/ thesis evaluation and viva voce/ entrance examination/ counselling for admissions etc.	1.00 points/ activity	
	10. Co-ordination of UG/ PG examination <ul style="list-style-type: none"> • Superintendent and member of examination co-ordination committee • for invigilator and 	1.00 point/semester 0.50 point/semester	
	11. Clinical/Livestock farm duties <ul style="list-style-type: none"> • Clinical ambulatory • Clinical samples collected and analyzed • Dung samples • Histo-pathological slides prepared and analyzed • Postmortems 	1.00 point/ ambulatory 1.00 point/ 50 samples 1.00 point/ 100 samples 1.00 point/ 10 slides 1.00/ 5 cases of large animals and 20 cases of poultry.	
	12. Any other academic activity not covered as above	1.0 point/ activity	
A3	Achievements in Extension		
	FLDs / Adaptive Trials, etc. *		
	1. Front Line Demonstrations, Adaptive Research Trials/OFT/other trials conducted - Semester wise clinical rotations, disease diagnosis, Ambulatory clinics, time bound commercial production services and Livestock farm duty.	2.00 points/ trial/ demonstration 1points / semester	
2. Trainings / camps organized / coordinated / assisted (as / Institute mandate) ** <ul style="list-style-type: none"> ○ 1-7 days training/camp <ul style="list-style-type: none"> • Coordinator and • Co-Coordinator • > 7 days to 1 month training/camp <ul style="list-style-type: none"> • Coordinator and • Co-Coordinator • > 1 month to 6 month training course 	1.00 points 0.50 point 2.00 points 1.00 point		

	<ul style="list-style-type: none"> • Organized /Co-organized • Coordinator /Co-Coordinator • Six months to one year vocational training course • Organized /Co-organized • Coordinator and Co-Coordinator • Clinical/animal welfare/infertility/animal birth control camps: to each specialist. • Emergency hospital duty on holidays: as / Roaster day 	<p>3.00 points 1.50 points</p> <p>4.0 points 2.00 points 1.00 point / camp</p> <p>0.25 point/ duty</p>	
	<p>3. Organization of Kissan mela (University/ distt or Research station level)</p> <ul style="list-style-type: none"> • Coordinator/ In charge of the committee • Committee member 	<p>1.50 points/mela 0.50 point/mela</p>	
	<p>4. Organization of crop seminar/ field day/farmer scientist interaction</p> <ul style="list-style-type: none"> • Coordinator/In-charge of the committee • Committee member 	<p>1.00 points / activity 0.50 point/ activity</p>	
	<p>5. TV / Radio talks / Lectures delivered, other advisory services, etc.</p> <ul style="list-style-type: none"> ○ Radio talks, TV talks/presentations etc. ○ Organization of radio school for the farmers <ul style="list-style-type: none"> • coordinator and • associated scientist ○ Lectures delivered in trainings/workshops/ camps, etc. 	<p>0.50 points / activity</p> <p>3.00 points/activity/ year 1.50 points/activity/ year 0.25 point/ lecture</p>	
	<p>6. Farmers consultancy / advisory services through personal interaction, replies to AIR queries etc.</p>	<p>0.25 point/ activity</p>	
	<p>7. Conducting of diagnostic field visits</p>	<p>1.00 point/ visit</p>	
	<p>8. Other Extension Related Activities</p> <ul style="list-style-type: none"> ○ Farmers interest groups organized/ Commodity interest groups organized/ Model village adopted (all team members) ○ Preparation of case studies/success stories , each activity / year / team member ○ Farmers helpline services through print media: 	<p>1.00 point/ activity 1.00 point/ activity 0.25 point/ attempt</p>	
	<p>9. Any other extension activity not covered as above</p>	<p>1.00 point/ activity</p>	
A4	<p>Achievements in Scientific /administrative/ educational management</p>		


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	1. Assistance in coordination <ul style="list-style-type: none"> • Facilitation of work of faculties in directorate/ concerned office • AICRPs / DBT/ S &T /UGC and other projects handled (processing of release of funds) 	2.0 points/faculty/year 1.00 point/project /year	
	2. Assistance in monitoring physical, financial and scientific targets) for institutional as well as externally funded project	1.0 point / project / year	
	3. Scientific assistant to senior officers, meeting organization lecture and draft prepared	0.50 point/ activity	
	4. Innovative/theme based trainings/ workshop conceptualized / organized <ul style="list-style-type: none"> > for coordinator > for Associate 	2.00 points 1.50 points	
	5. Reporting of each statutory body	1.00 point/ activity	
	6. University level events conducted as organizer/ in-charge/co-organizer <ul style="list-style-type: none"> • Convocation • Conduct of UET-UG/ UET –PG/ UET-Ph D. 	5.00 points/ event 2.00 point for each/ exam	
	7. Misc. activities not covered anywhere	1.00 point / activity/year	
Under A above a teacher/ scientist can opt for assessment either for one activity exclusively or combination of the activities, however in any case the score should be as prescribed in the point table of the scheme.			
B	Capacity Building / Monitoring/ Evaluation / Reporting and Institution Building		
	1. Head of KVK/Research Station/Division/department/ Unit	1.0 point/ year	
	2. Convener / co-convener / organizing/ co-organizing secretary /coordinator/co-coordinator/course director / co-course director / in-charge of seminar / symposia / workshop / discussion /conference / summer or winter school / training programme / refresher course/entrance examinations	1.00 point /programme /event	
	3. In-charge/ Co-In-charge /committee member of university functions (VIP visits, annual day function, convocation, workshops/Seminars, etc.)	1.0 point/ activity	

4. Divisional/ station / AICRP/ KVK/Network/experiential/other projects annual reports, DAP, DPR, SREP and other Departmental/College /University level reports	1.0 point/ report / year	
In-charge of seed/ research farm , nursery, livestock/poultry/fish units, cattle yard , processing unit/ mushroom production unit, teaching / research & diagnostic laboratory, In-charge academics, sports/literary/cultural, library section, departmental library, store, website maintenance (department, university, college, unit, hostels etc.	1.00 point/ year / assignment 1.00 point/ year / assignment	
7. Participatory research/extension activities organized/ coordinated/ assisted as / Institutional mandate o Project leader o Collaborator	1.00 point/assignment 0.50 point/assignment	
8. Nominated member/ Member of University/ college/ departmental committees/ Selection/Interview Committee.	0.25 point/ assignment	
9. Office bearers of Departmental/professional clubs/ faculty club/societies/associations.	0.50 point/ year	
10. Warden of Hostel	2.0 points / year	
11. In-charge of guest house/ farmers' hostel	1.00 point/year/ assignment	
12. Service rendered in Tribal/ backward areas Service rendered in tribal areas of the state Other backward areas of state.	2.0 points / year 1.50 points/ year 1.0 point/year	
13. In-charge of revolving fund scheme in the Division 14. Staff Editor college Magazines 15. Nodal officers (e.g. NISAGNET, NATP/NAIP,IAUA, Youth Info. & Dev. Centre, etc.)	1.0 point/ year 1.00 point/ assignment 1.00 point/year/assignment	
16. In-charge of works related to germplasm collection, conservation and documentation of plant & animal genetic and other natural resources, documentation of animal diseases, documentation of preclinical & para-clinical related parameters of animals/birds • Principal investigator • Co-PI/collaborator for each project	2.00 points/activity/ year 0.50 point/activity/ year	
17. Attending summer /winter schools ➤ < 10 days duration ➤ 10-20 days duration- ➤ >20 days duration-	1.00 point for each 1.50 points for each 2.00 points for each	
18. Arrangement of Veterinary clinical, para-clinical, preclinical /Plant clinic services/ Plant and soil samples analysis related to farmers problems	1.00 point/ activity	

19. Students' activities like Agri-fest/Cultural/literary activities/Vet-fair/In-charges-Sports/clubs etc	0.50 point/ activity	
20. Other international, national/ state/Univ./College/Dept. level duties /formed	1.00 point/ assignment	
21. Misc. activities of significance not covered anywhere	0.50 point / activity / year	
22. Coordination/assisting of summer/winter school Coordination/ assisting of summer or training/teaching of students of external institutions <ul style="list-style-type: none"> • Duration of training <21 days <ul style="list-style-type: none"> - Coordinator and - Co-Coordinator • Duration of training ≥21 days <ul style="list-style-type: none"> - Coordinator and - Co-Coordinator 	1.00 point 0.50 point 2.00 points 1.00 point	
Publications (for assessment period)		
Research papers/articles of assessment period		
1. Research papers in refereed journals: Rating shall be of year of publication <ul style="list-style-type: none"> • Journals with NAAS rating ≥6.0 • Journals with NAAS rating 4.0–6.0 • Journals with NAAS rating 2.1–3.9 • Journals with NAAS rating < 2 <i>Full points for first author and 60% points for other authors.</i> <i>If a given journal is not listed under NAAS rating. Its NAAS weigh-age shall be determined by comparing it with any of the NAAS listed journal having same impact factor as this journal.</i>	3.00 points/ paper 2.00 points /paper 1.00 point/paper 0.50 point/paper	
2. Review article in refereed journals: Rating shall be of year of publication <ul style="list-style-type: none"> • Journals with NAAS rating >6.0 • Journals with NAAS rating 4.0–5.9 • Journals with NAAS rating 2.1–3.9 • Journals with NAAS rating < 2.00 • Journals (other than NAAS list) of repute <i>Full points for first author and 60% points for other authors</i> <i>If a given journal is not listed under NAAS rating. Its NAAS weigh-age shall be determined by comparing it with any of the NAAS listed journal having same impact factor as this journal</i>	2.00 points/ paper 1.00 points /paper 0.50 point/paper 0.25 point/paper	

	3. Conference proceedings Full Research paper Abstract or Poster presentation <i>Equal weight-age for all authors</i>	1.00 point/paper 0.25 point	
	4. Extension publications		
	• Popular articles in journals/magazines with ISSN/ISBN number	1.00 point/paper	
	• Popular articles in newspapers/others	0.25 point/ article	
	5. Other publications		
	• Books authored	3.00 points for each	
	• Books edited	2.00 points for each	
	• Research technology/monograph	2.00 points for each	
	• Conference proceedings edited	1.00 point for each	
	• Book chapters	1.00 point/ chapter	
	• Technical Bulletins	1.00 point each	
	• Newsletters edited	0.50 point	
	• Souvenir edited	1.00 point/ souvenir	
	• Extension bulletin, training manual, etc.	0.50 point/ publication	
	• Compendium/Souvenir chapters	0.50 point/chapter	
D	Peer Recognition		
	1. International and National awards/visiting fellowships /scholarship/bursaries/National Academy Fellow	2.0 points for each	
	2. Post-Doctoral Fellowships/additional qualification/ teaching assignment abroad	3.00 points each	
	3. Editor/ member of editorial board of journal - Chief Editor and - Editorial Committee Member	1.50 points / year 1.00 point / year	
	4. Attending of Professional Societies as member	0.50 point/ society / year	
	5. Institutional or recognized professional societies award / fellowship	1.00 point each	

Dr. 

	6. Best Paper/Posters in international conference (all contributors) - 1 st prize - II nd and - III rd prize 7. Best Paper/Posters in national conference (all contributors) - 1 st prize - II nd	1.00 point 0.50 point 0.25 point 0.50 point 0.25 point	
	8. Oral / poster presentation in national seminars / symposia / conference/ workshops	0.25 point for each	
	9. International and special national assignments/ consultancies not covered anywhere else in the application	2.00 points for each assignment	
	10. Member of executive bodies/ committee of educational institutes/ Govt. bodies at university/college/state/national level	0.50 point for each	
	11. Receiving of appreciation letter from University/ICAR/other funding agency/scientific professional societies	1.0 point for each (if not claimed otherwise)	
E	Annual performance Report (APR) subjective assessment (old) period of assessment: last three years of assessment		
	1. Outstanding	4.00 points / year	
	2. Very Good	3.00 points/ year	
	3. Good	2.00 points / year	
	4. Average/Fair	1.00 point / year	
	5. Below Average	0.50 point/ year	
	Annual performance Report (APR) objective assessment (New) period of assessment: last three years of assessment	As per the points obtained after adjusting to the scale indicated for each category separately.	
	TOTAL (A+B+C+D+E)	100	

Signature of the applicant with date

[Handwritten initials]

Certificate

(To be filled in by the In-charge/Controlling Officer/Head of the Division)

For Teacher / Scientist / Extension Specialist / Equivalent research manager for promotion
from AGP ₹----- to -----

It is verified that the information furnished by Dr _____ s/o
Sh. _____ in this proforma is correct and his/her work and conduct for the
said assessment period has been found to be satisfactory.

In-charge /Controlling Officer/HOD



Annexure-II

Amendment to Col. 4 (Minimum qualification for direct recruitment) of Class XXIX Category-1 under Schedule-IV to Chapter-III (Miscellaneous Cadre) of SKUAST-Statutes is as under:

Class (1)	Category (2)	Designation of the post (3)	Minimum qualification for direct recruitment (4)
XXIX	1	Assistant Manager (Guest House) ₹5200-20200 + GP 2400 (unrevised 4000-6000)	<u>Essential</u> Bachelor Degree in Hotel Management or Bachelor Degree in Hospitality Management/protocol <u>Desirable</u> Master Degree in Hotel Management or Hospitality Management

The method of direct recruitment, composition of the Selection committee and note below Class-XXIX Category-1 under Schedule-IV to Chapter-III (Miscellaneous Cadre) shall remain as such.

By

2/1/2



**Sher-e-Kashmir University of Agricultural
Sciences and Technology of Jammu**

**Notification No: 02 (Secy.) of 2017
Dated: 01-02-2017**

Sub:- Additions/Amendments in SKUAST-Statutes.

As recommended by Board of Management (at its 26th Meeting and 22nd Meeting), approved by University Council in its 15th meeting held on 17th of October, 2016, assented to by the Hon'ble Chancellor (H.E. the Governor, J&K) and the assent conveyed vide Deputy Secretary to Governor No. GS-1(Amend-AUJ)/2012-17/416 dated 12.01.2017, I, Dr. Pradeep K. Sharma, Vice-Chancellor, SKUAST-J, in exercise of powers vested in me under Section 40 of SKUAST, Act, 1982 (Amended upto July, 2005), do hereby notify addition/amendment in SKUAST-Statutes as contained in the Annexure-I & II to this Notification.

This shall come to force with immediate effect.

Sd/-
(Pradeep K. Sharma)
Vice-Chancellor

No. AUJ/Secy./16-17/F-101/1650-94
Date: 01-02-2017

Cc:

- Financial Commissioner to Govt., Agriculture Production Deptt., Civil Secretariat, Jammu.
- Financial Commissioner to Govt., Planning & Development, Department, J&K, Civil Secretariat, Jammu.
- Commissioner/Secretary to Govt., Finance Deptt. J&K Govt. Civil Secretariat, Jammu.
- All members of Board of Management.
- Registrar, SKUAST-Kashmir, Shalimar Campus, Srinagar.
- All Officers of SKUAST-Jammu.
- Deputy Secretary, Governor's Secretariat, Raj Bhavan, Jammu.
- Private Secretary to Hon'ble Governor for kind information of Hon'ble Governor, J&K and Chancellor, SKUAST-Jammu, Governor's Secretariat, Raj Bhawan, Jammu.
- All Deputy/Asstt. Registrars.
- All Deputy/Asstt. Comptrollers.
- SVC for kind information of Hon'ble Vice-Chancellor of SKUAST-Kashmir.
- SVC for kind information of the Hon'ble Vice-Chancellor, SKUAST-Jammu.
- File concerned (w.3.s.c).

Pradeep K. Sharma
Registrar 01/02/17

CHAPTER-III

(RECRUITMENT OF EMPLOYEES OTHER THAN OFFICERS AND TEACHERS OF THE UNIVERSITY)

The proviso/clause b (i) of S.No. 15 (Method of recruitment) under Chapter-III (Recruitment of employees other than officer and teachers of the university) of SKUAST-Statutes is recasted as under:

15. Method of Recruitment:

- b) i. The Vice-Chancellor shall have a post advertised indicating therein the requisite qualification to be possessed by a candidate as prescribed in the schedule annexed hereto. Applications received in response to the advertisement shall be screened in the University office for determining the eligibility of the candidates with the requisite qualification for the post and the candidates declared eligible shall be called for appearing in the written/screening test, wherever applicable. The selection criteria as annexed with this chapter shall be considered as basis for selection in non-teaching category. The shortlisting of candidates for the posts in the written/Screening test, wherever applicable, shall be done on the basis of merit score of written/screening test keeping the ratio of 1:5 i.e. five candidates as per merit against every one post advertised.

Vice-Chancellor shall finally select the candidates for being invited to appear before the selection committee for interview amongst the:

- a. Shortlisted candidates of the written/screening test, wherever applicable.
- b. Candidates, after determining their eligibility, wherever written test is not applicable

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Annexure-II

The following is appended to Chapter-III (Recruitment of employees other than officers and teachers of the University) of SKUAST-Statutes

Selection Criteria for various non-teaching posts in SKUAST-J

a). Administrative posts:

S.N	Name of the Post	Criteria															
1.	Asstt. Comptroller	<p>i) Academic Qualification: 60 marks</p> <table border="1"> <tr> <td>Graduation</td> <td>=</td> <td>45 marks (on prorata basis)</td> </tr> <tr> <td>Post-Graduation</td> <td>=</td> <td>10 marks (on prorata basis)</td> </tr> <tr> <td>Merit Scholarship /Fellowship /Gold medal (academic)</td> <td>=</td> <td>05 marks (2.5 marks each for Graduation & Post graduation)</td> </tr> </table> <p>ii) Employment Experience: 20 marks (04 marks for each year over & above the prescribed Experience)</p> <p>iii) Interview : 20 marks</p> <p>Total : 100 marks (Academic qualification + Employment Experience + interview)</p>	Graduation	=	45 marks (on prorata basis)	Post-Graduation	=	10 marks (on prorata basis)	Merit Scholarship /Fellowship /Gold medal (academic)	=	05 marks (2.5 marks each for Graduation & Post graduation)						
Graduation	=	45 marks (on prorata basis)															
Post-Graduation	=	10 marks (on prorata basis)															
Merit Scholarship /Fellowship /Gold medal (academic)	=	05 marks (2.5 marks each for Graduation & Post graduation)															
2.	Asstt. Director Statistics	<p>i) Academic Qualification: 60 marks</p> <table border="1"> <tr> <td>Master's degree (Stat./Agri. Stat.)</td> <td>=</td> <td>45 marks (on Prorate basis)</td> </tr> <tr> <td>Ph.D. (Stat./Agri. Stat.)</td> <td>=</td> <td>10 marks (on Prorate basis)</td> </tr> <tr> <td>Merit Scholarship/Fellowship /Gold medal (academic)</td> <td>=</td> <td>05 marks (2.5 marks each for Graduation & Post graduation)</td> </tr> </table> <p>ii) Employment Experience: 20 marks (04 marks for each year over & above the prescribed Experience)</p> <p>iii) Interview : 20 marks</p> <p>Total : 100 marks (Academic qualification + Employment Experience+ interview)</p>	Master's degree (Stat./Agri. Stat.)	=	45 marks (on Prorate basis)	Ph.D. (Stat./Agri. Stat.)	=	10 marks (on Prorate basis)	Merit Scholarship/Fellowship /Gold medal (academic)	=	05 marks (2.5 marks each for Graduation & Post graduation)						
Master's degree (Stat./Agri. Stat.)	=	45 marks (on Prorate basis)															
Ph.D. (Stat./Agri. Stat.)	=	10 marks (on Prorate basis)															
Merit Scholarship/Fellowship /Gold medal (academic)	=	05 marks (2.5 marks each for Graduation & Post graduation)															
3.	Asstt. Executive Engineer (Electrical)	<p>i.) Academic Qualification: 60 marks</p> <table border="1"> <tr> <td>Diploma in Electrical Engg.</td> <td>=</td> <td>35 marks (on prorata basis)</td> </tr> <tr> <td>B.E./B.Tech (after Diploma) or equivalent degree</td> <td>=</td> <td>10 marks(on prorata basis)</td> </tr> <tr> <td>B.E./B.Tech. (Direct) or equivalent degree</td> <td>=</td> <td>45 marks (on prorata basis)</td> </tr> <tr> <td>M.E./M. Tech. or equivalent degree</td> <td>=</td> <td>10 marks (on prorata basis)</td> </tr> <tr> <td>Merit Scholarship /Fellowship /Gold medal (academic)</td> <td>=</td> <td>05 marks (2.5 marks each for Graduation & Post graduation)</td> </tr> </table>	Diploma in Electrical Engg.	=	35 marks (on prorata basis)	B.E./B.Tech (after Diploma) or equivalent degree	=	10 marks(on prorata basis)	B.E./B.Tech. (Direct) or equivalent degree	=	45 marks (on prorata basis)	M.E./M. Tech. or equivalent degree	=	10 marks (on prorata basis)	Merit Scholarship /Fellowship /Gold medal (academic)	=	05 marks (2.5 marks each for Graduation & Post graduation)
Diploma in Electrical Engg.	=	35 marks (on prorata basis)															
B.E./B.Tech (after Diploma) or equivalent degree	=	10 marks(on prorata basis)															
B.E./B.Tech. (Direct) or equivalent degree	=	45 marks (on prorata basis)															
M.E./M. Tech. or equivalent degree	=	10 marks (on prorata basis)															
Merit Scholarship /Fellowship /Gold medal (academic)	=	05 marks (2.5 marks each for Graduation & Post graduation)															

Sw/

		<p>ii) Employment Experience: 20 marks (04 marks for each year Employment Experience as Asstt. Engineer, 04 marks for each year as Jr. Engg. over & above the prescribed Experience in each cadre)</p> <p>iii) Interview : 20 marks</p> <p>Total : 100 marks (Academic qualification + Employment Experience + interview)</p>
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4.	Asstt. Executive Engineer (Civil)	<p>Academic Qualification: 60 marks</p> <table border="1"> <tr> <td>Diploma in Civil Engg.</td> <td>=</td> <td>35 marks (on prorata basis)</td> </tr> <tr> <td>B.E./B.Tech (after Diploma) or equivalent degree</td> <td>=</td> <td>10 marks(on prorata basis)</td> </tr> <tr> <td>B.E./B.Tech. (Direct) or equivalent degree</td> <td>=</td> <td>45 marks (on prorata basis)</td> </tr> <tr> <td>M.E./M. Tech. or equivalent degree</td> <td>=</td> <td>10 marks (on prorata basis)</td> </tr> <tr> <td>Merit Scholarship /Fellowship /Gold medal (academic)</td> <td>=</td> <td>05 marks (2.5 marks each for Graduation & Post graduation)</td> </tr> </table> <p>ii) Employment Experience: 20 marks (04 marks for each year Employment Experience as Asstt. Engineer, 04 marks for each year as Jr. Engg. over & above the prescribed Experience in each cadre)</p> <p>iii) Interview : 20 marks</p> <p>Total : 100 marks (Academic qualification + Employment Experience+ interview)</p>	Diploma in Civil Engg.	=	35 marks (on prorata basis)	B.E./B.Tech (after Diploma) or equivalent degree	=	10 marks(on prorata basis)	B.E./B.Tech. (Direct) or equivalent degree	=	45 marks (on prorata basis)	M.E./M. Tech. or equivalent degree	=	10 marks (on prorata basis)	Merit Scholarship /Fellowship /Gold medal (academic)	=	05 marks (2.5 marks each for Graduation & Post graduation)
Diploma in Civil Engg.	=	35 marks (on prorata basis)															
B.E./B.Tech (after Diploma) or equivalent degree	=	10 marks(on prorata basis)															
B.E./B.Tech. (Direct) or equivalent degree	=	45 marks (on prorata basis)															
M.E./M. Tech. or equivalent degree	=	10 marks (on prorata basis)															
Merit Scholarship /Fellowship /Gold medal (academic)	=	05 marks (2.5 marks each for Graduation & Post graduation)															

b) Supporting staff														
5.	Junior Engineer (Civil)	<p>i) Screening /written Test = 40 marks (Paper of 100 marks with 40% weightage)</p> <p>ii) Academic Qualification: 30 marks</p> <table border="1"> <tr> <td>Diploma with 5 years Employment Experience</td> <td>=</td> <td>20 marks (on prorata basis)</td> </tr> <tr> <td>B.E./B.Tech (after Diploma) or equivalent degree</td> <td>=</td> <td>05 marks(on prorata basis)</td> </tr> <tr> <td>B.E./B.Tech (Direct) or equivalent degree</td> <td>=</td> <td>25 marks (on prorata basis)</td> </tr> <tr> <td>M.E./M. Tech or equivalent degree</td> <td>=</td> <td>05 marks (on prorata basis)</td> </tr> </table> <p>iii) Employment Experience: 10 marks (2 marks for each year over & above essential qualification)</p> <p>iv) Interview : 20 marks</p> <p>Total : 100 marks (Screening/written test + Academic qualification + Employment Experience + interview)</p>	Diploma with 5 years Employment Experience	=	20 marks (on prorata basis)	B.E./B.Tech (after Diploma) or equivalent degree	=	05 marks(on prorata basis)	B.E./B.Tech (Direct) or equivalent degree	=	25 marks (on prorata basis)	M.E./M. Tech or equivalent degree	=	05 marks (on prorata basis)
Diploma with 5 years Employment Experience	=	20 marks (on prorata basis)												
B.E./B.Tech (after Diploma) or equivalent degree	=	05 marks(on prorata basis)												
B.E./B.Tech (Direct) or equivalent degree	=	25 marks (on prorata basis)												
M.E./M. Tech or equivalent degree	=	05 marks (on prorata basis)												

Handwritten signature or initials.

6.	Junior Engineer (Electrical)	<p>i) Screening /written Test = 40 marks (Paper of 100 marks with 40% weightage)</p> <p>ii) Academic Qualification: 30 marks</p> <table border="1" data-bbox="806 250 1881 423"> <tbody> <tr> <td>Diploma with 5 years Employment Experience</td> <td>=</td> <td>20 marks (on prorata basis)</td> </tr> <tr> <td>B.E./B.Tech (after Diploma) or equivalent degree</td> <td>=</td> <td>05 marks(on prorata basis)</td> </tr> <tr> <td>B.E./B.Tech (Direct) or equivalent degree</td> <td>=</td> <td>25 marks (on prorata basis)</td> </tr> <tr> <td>M.E./M. Tech or equivalent degree</td> <td>=</td> <td>05 marks (on prorata basis)</td> </tr> </tbody> </table> <p>iii. Employment Experience: 10 marks (2 marks for each year over & above essential qualification)</p> <p>iv. Interview : 20 marks</p> <p style="text-align: center;">Total : 100 marks (Screening/written test + Academic qualification + Employment Experience + interview)</p>	Diploma with 5 years Employment Experience	=	20 marks (on prorata basis)	B.E./B.Tech (after Diploma) or equivalent degree	=	05 marks(on prorata basis)	B.E./B.Tech (Direct) or equivalent degree	=	25 marks (on prorata basis)	M.E./M. Tech or equivalent degree	=	05 marks (on prorata basis)
Diploma with 5 years Employment Experience	=	20 marks (on prorata basis)												
B.E./B.Tech (after Diploma) or equivalent degree	=	05 marks(on prorata basis)												
B.E./B.Tech (Direct) or equivalent degree	=	25 marks (on prorata basis)												
M.E./M. Tech or equivalent degree	=	05 marks (on prorata basis)												
7.	Head Draftsman (Civil)	<p>i. Screening /written Test = 40 marks (Paper of 100 marks with 40% weightage)</p> <p>ii. Academic Qualification: 30 marks</p> <table border="1" data-bbox="806 674 1859 776"> <tbody> <tr> <td>2 years Diploma in Draftsman course</td> <td>=</td> <td>25 marks (on prorata basis)</td> </tr> <tr> <td>Three year Diploma in Civil Engg.</td> <td>=</td> <td>05 marks(on prorata basis)</td> </tr> </tbody> </table> <p>iii. Employment Experience: 10 marks (2 marks for each year over & above essential qualification)</p> <p>iv. Interview : 20 marks</p> <p style="text-align: center;">Total : 100 marks (Screening/written test + Academic qualification + Employment Experience + interview)</p>	2 years Diploma in Draftsman course	=	25 marks (on prorata basis)	Three year Diploma in Civil Engg.	=	05 marks(on prorata basis)						
2 years Diploma in Draftsman course	=	25 marks (on prorata basis)												
Three year Diploma in Civil Engg.	=	05 marks(on prorata basis)												
8.	Draftsman (Civil)	<p>i) Screening /written Test = 40 marks (Paper of 100 marks with 40% weightage)</p> <p>ii) Academic Qualification: 30 marks</p> <table border="1" data-bbox="806 1050 1859 1128"> <tbody> <tr> <td>2 years Diploma in Draftsman course</td> <td>=</td> <td>25 marks (on prorata basis)</td> </tr> <tr> <td>Three year Diploma in Civil Engg.</td> <td>=</td> <td>05 marks(on prorata basis)</td> </tr> </tbody> </table> <p>iii). Employment Experience: 10 marks (2 marks for each year)</p> <p>iv). Interview : 20 marks</p> <p style="text-align: center;">Total : 100 marks (Screening/written test + Academic qualification + Employment Experience + interview)</p>	2 years Diploma in Draftsman course	=	25 marks (on prorata basis)	Three year Diploma in Civil Engg.	=	05 marks(on prorata basis)						
2 years Diploma in Draftsman course	=	25 marks (on prorata basis)												
Three year Diploma in Civil Engg.	=	05 marks(on prorata basis)												

\$W1

9.	Stenographer	<p>i). Shorthand test = 20 marks (on prorata basis)</p> <p>ii). Type Test = 10 marks (on prorata basis)</p> <p>iii). Academic Qualification:- 25 marks</p> <table border="1" data-bbox="763 308 1630 395"> <tr> <td>Graduation</td> <td>=</td> <td>20 marks (on prorata basis)</td> </tr> <tr> <td>Post Graduate</td> <td>=</td> <td>05 marks (on prorata basis)</td> </tr> </table> <p>iv). Screening/Written Test =25 marks (written paper of 100 marks with 25% weightage)</p> <p>v). Interview = 20 marks</p> <p>Total = 100 marks (Screening/written test + Academic qualification + Shorthand Test + type test + interview)</p>	Graduation	=	20 marks (on prorata basis)	Post Graduate	=	05 marks (on prorata basis)			
Graduation	=	20 marks (on prorata basis)									
Post Graduate	=	05 marks (on prorata basis)									
10.	Assistant - Cum - Typist / Dispatch / Receipt / Stationery / Store Clerk & equivalent	<p>i). Type test = 30 marks (on prorata basis)</p> <p>ii). Screening/written Test = 25 marks (Written paper of 100 marks with 25% weightage)</p> <p>iii). Academic Qualification:- 25 marks</p> <table border="1" data-bbox="763 722 1644 810"> <tr> <td>Graduation</td> <td>=</td> <td>20 marks (on prorata basis)</td> </tr> <tr> <td>Post Graduate</td> <td>=</td> <td>05 marks (on prorata basis)</td> </tr> </table> <p>iv). Interview = 20 marks</p> <p>Total = 100 marks (Screening/written test + Academic qualification + type test + interview)</p>	Graduation	=	20 marks (on prorata basis)	Post Graduate	=	05 marks (on prorata basis)			
Graduation	=	20 marks (on prorata basis)									
Post Graduate	=	05 marks (on prorata basis)									
11.	Accounts Assistant/Cashier	<p>i). Screening/written Test = 40 marks (written paper of 100 marks with 40% weightage)</p> <p>ii). Academic Qualification= 35 Marks</p> <table border="1" data-bbox="763 1002 1742 1169"> <tr> <td>Graduation</td> <td>=</td> <td>25 marks (on prorata basis)</td> </tr> <tr> <td>Post-Graduation</td> <td>=</td> <td>05 marks (on prorata basis)</td> </tr> <tr> <td>Computer knowledge (six month certificate course)</td> <td>=</td> <td>05 marks (on prorata basis)</td> </tr> </table> <p>iii). Employment experience: 05 marks (01 marks per year)</p> <p>iv). Interview = 20 marks</p> <p>Total = 100 marks (Screening/Written test + Academic qualification + Employment Experience + interview)</p>	Graduation	=	25 marks (on prorata basis)	Post-Graduation	=	05 marks (on prorata basis)	Computer knowledge (six month certificate course)	=	05 marks (on prorata basis)
Graduation	=	25 marks (on prorata basis)									
Post-Graduation	=	05 marks (on prorata basis)									
Computer knowledge (six month certificate course)	=	05 marks (on prorata basis)									

[Handwritten mark]

12.	Computer Assistant	<p>i). Screening Test = 40 marks (written paper of 100 marks with 40% weightage)</p> <p>ii). Academic Qualification= 30 Marks</p> <table border="1" data-bbox="857 210 1823 312"> <tbody> <tr> <td>Graduation</td> <td>=</td> <td>25 marks (on prorata basis)</td> </tr> <tr> <td>Master's degree in Computer Science or equivalent degree</td> <td>=</td> <td>05 marks (on prorata basis)</td> </tr> </tbody> </table> <p>iii) Employment Experience: 10 marks (2 marks per year)</p> <p>iv) Interview = 20 marks</p> <p>Total = 100 marks (Screening/Written test + Academic qualification + Employment Experience + interview)</p>	Graduation	=	25 marks (on prorata basis)	Master's degree in Computer Science or equivalent degree	=	05 marks (on prorata basis)						
Graduation	=	25 marks (on prorata basis)												
Master's degree in Computer Science or equivalent degree	=	05 marks (on prorata basis)												
13.	Library Assistant	<p>i). Screening/written Test = 40 marks (written paper of 100 marks with 40% weightage)</p> <p>ii). Academic Qualification= 35 Marks</p> <table border="1" data-bbox="846 566 1830 711"> <tbody> <tr> <td>B. Lib.</td> <td>=</td> <td>25 marks (on prorata basis)</td> </tr> <tr> <td>M. Lib.</td> <td>=</td> <td>05 marks (on prorata basis)</td> </tr> <tr> <td>Computer knowledge (six month certificate course)</td> <td>=</td> <td>05 marks (on prorata basis)</td> </tr> </tbody> </table> <p>iii). Employment Experience : 05 marks (1 mark per year)</p> <p>iv). Interview = 20 marks</p> <p>Total = 100 (Screening/Written test + Academic qualification + Employment Experience + interview)</p>	B. Lib.	=	25 marks (on prorata basis)	M. Lib.	=	05 marks (on prorata basis)	Computer knowledge (six month certificate course)	=	05 marks (on prorata basis)			
B. Lib.	=	25 marks (on prorata basis)												
M. Lib.	=	05 marks (on prorata basis)												
Computer knowledge (six month certificate course)	=	05 marks (on prorata basis)												
14.	Field-Cum-Laboratory Assistant (Apprentice)	<p>i) Written/screening Test = 40 marks (Written paper of 100 marks with 40% weightage)</p> <p>ii) Academic Qualification = 35 Marks</p> <table border="1" data-bbox="857 945 1818 1197"> <tbody> <tr> <td>10+2</td> <td>=</td> <td>20 marks (on prorata basis)</td> </tr> <tr> <td>1 year training from a recognized Institute of Agriculture / Horticulture & allied fields</td> <td>=</td> <td>05 marks (on prorata basis)</td> </tr> <tr> <td>Graduate in Science/Agriculture & allied fields</td> <td>=</td> <td>05 marks (on prorata basis)</td> </tr> <tr> <td>Post Graduate in Science/Agriculture & allied fields</td> <td>=</td> <td>05 marks (on prorata basis)</td> </tr> </tbody> </table> <p>iii). Employment Experience : 05 marks (1 marks per year)</p> <p>iv). Interview = 20 marks</p> <p>Total = 100 marks (Written/screening test + Academic qualification + Employment Experience + interview)</p>	10+2	=	20 marks (on prorata basis)	1 year training from a recognized Institute of Agriculture / Horticulture & allied fields	=	05 marks (on prorata basis)	Graduate in Science/Agriculture & allied fields	=	05 marks (on prorata basis)	Post Graduate in Science/Agriculture & allied fields	=	05 marks (on prorata basis)
10+2	=	20 marks (on prorata basis)												
1 year training from a recognized Institute of Agriculture / Horticulture & allied fields	=	05 marks (on prorata basis)												
Graduate in Science/Agriculture & allied fields	=	05 marks (on prorata basis)												
Post Graduate in Science/Agriculture & allied fields	=	05 marks (on prorata basis)												

15.	Livestock Assistant (Apprentice)	<p>i) Written/Screening Test = 40 marks (written paper of 100 marks with 40% weightage)</p> <p>ii) Academic Qualification = 35 Marks</p> <table border="1" data-bbox="801 225 1872 469"> <tr> <td>10+2</td> <td>=</td> <td>20 marks (on prorata basis)</td> </tr> <tr> <td>01 year training from a recognized Vety /Animal Husbandry institute</td> <td>=</td> <td>05 marks (on prorata basis)</td> </tr> <tr> <td>Graduate in Science/Agriculture & allied fields</td> <td>=</td> <td>05 marks (on prorata basis)</td> </tr> <tr> <td>Post Graduate in Science/ Agriculture & allied fields</td> <td>=</td> <td>05 marks (on prorata basis)</td> </tr> </table> <p>iii). Employment Experience : 05 marks (1 marks per year)</p> <p>iv). Interview = 20 marks</p> <p>Total = 100 marks (Written/Screening test + Academic qualification + Employment Experience + interview)</p>	10+2	=	20 marks (on prorata basis)	01 year training from a recognized Vety /Animal Husbandry institute	=	05 marks (on prorata basis)	Graduate in Science/Agriculture & allied fields	=	05 marks (on prorata basis)	Post Graduate in Science/ Agriculture & allied fields	=	05 marks (on prorata basis)
10+2	=	20 marks (on prorata basis)												
01 year training from a recognized Vety /Animal Husbandry institute	=	05 marks (on prorata basis)												
Graduate in Science/Agriculture & allied fields	=	05 marks (on prorata basis)												
Post Graduate in Science/ Agriculture & allied fields	=	05 marks (on prorata basis)												
16.	Driver	<p>i. Written/Screening Test = 35 marks (Written test of 100 marks with 20% weightage)</p> <p>ii. Academic Qualification = 15 marks</p> <table border="1" data-bbox="904 695 1783 767"> <tr> <td>Matric</td> <td>=</td> <td>10 marks (on prorata basis)</td> </tr> <tr> <td>10+2</td> <td>=</td> <td>05 marks (on prorata basis)</td> </tr> </table> <p>iii). Employment Experience : 05 marks (1 marks per year)</p> <p>iv). Driving Test = 25 marks</p> <p>iv). Interview = 20 marks</p> <p>Total =100 marks (Written/screening test + Academic qualification + Employment Experience + driving test + interview)</p>	Matric	=	10 marks (on prorata basis)	10+2	=	05 marks (on prorata basis)						
Matric	=	10 marks (on prorata basis)												
10+2	=	05 marks (on prorata basis)												
17.	Mechanic	<p>i. Written/Screening Test= 40 marks (Written test of 100 marks with 40% weightage)</p> <p>ii. Academic Qualification: 20 marks</p> <table border="1" data-bbox="938 1043 1762 1150"> <tr> <td>Middle</td> <td>=</td> <td>05 marks (on prorata basis)</td> </tr> <tr> <td>Matric</td> <td>=</td> <td>05 marks (on prorata basis)</td> </tr> <tr> <td>ITI</td> <td>=</td> <td>10 marks (on prorata basis)</td> </tr> </table> <p>iii) Employment Experience : 20 marks (5 marks per year over & above the prescribed Employment Experience)</p> <p>iv). Interview = 20 marks</p> <p>Total = 100 marks (Screening/written test + Academic qualification + Employment Experience + interview)</p>	Middle	=	05 marks (on prorata basis)	Matric	=	05 marks (on prorata basis)	ITI	=	10 marks (on prorata basis)			
Middle	=	05 marks (on prorata basis)												
Matric	=	05 marks (on prorata basis)												
ITI	=	10 marks (on prorata basis)												

18. Electrician	<p>i. Written/Screening Test = 40 marks (Written test of 100 marks with 40% weightage)</p> <p>ii. Academic Qualification: 20 marks</p> <table border="1" data-bbox="907 255 1803 335"> <tr> <td>Matric</td> <td>=</td> <td>10 marks (on prorata basis)</td> </tr> <tr> <td>ITI</td> <td>=</td> <td>10 marks (on prorata basis)</td> </tr> </table> <p>iii. Employment Experience : 20 marks (02 marks per year over & above the prescribed Employment Experience)</p> <p>iv. Interview = 20 marks Total = 100 marks (Screening/written test + Academic qualification + Employment Experience + interview)</p>	Matric	=	10 marks (on prorata basis)	ITI	=	10 marks (on prorata basis)						
Matric	=	10 marks (on prorata basis)											
ITI	=	10 marks (on prorata basis)											
19. Work Supervisor (Civil)	<p>i) Screening/Written test : 40 marks (Written paper of 100 marks with 40% weightage)</p> <p>ii) Academic Qualification: 30 marks</p> <table border="1" data-bbox="862 638 1870 790"> <tr> <td>Matric</td> <td>=</td> <td>10 marks (on prorata basis)</td> </tr> <tr> <td>10+2</td> <td>=</td> <td>05 marks (on prorata basis)</td> </tr> <tr> <td>ITI</td> <td>=</td> <td>05 marks (on prorata basis)</td> </tr> <tr> <td>Diploma in Civil Engg.</td> <td>=</td> <td>10 marks (on prorata basis)</td> </tr> </table> <p>iii) Employment Experience : 10 marks (02 marks for each year over & above prescribed Employment Experience)</p> <p>iv). Interview : 20 marks Total : 100 marks (Screening/ Written + Academic qualification + Employment Experience + interview)</p>	Matric	=	10 marks (on prorata basis)	10+2	=	05 marks (on prorata basis)	ITI	=	05 marks (on prorata basis)	Diploma in Civil Engg.	=	10 marks (on prorata basis)
Matric	=	10 marks (on prorata basis)											
10+2	=	05 marks (on prorata basis)											
ITI	=	05 marks (on prorata basis)											
Diploma in Civil Engg.	=	10 marks (on prorata basis)											
20. Class VI Employees viz. Peon, Orderly, Messenger, runner, Chowkidar, Duplicator Operator, Laboratory Attendant, Library Attendant, OCC, Animal attendant, cleaner, Cook, Hostel attendant, Mali, Gardener, Security Guard etc covered under General Administration /Auxiliary/ Accounts and Miscellaneous cadres and equivalent of SKUAST Statutes	<p>i) Screening/Written test: 40 marks (Written paper of 100 marks with 40% weightage)</p> <p>ii) Academic Qualification: 20 marks</p> <table border="1" data-bbox="929 1053 1803 1125"> <tr> <td>Matric</td> <td>=</td> <td>10 marks (on prorata basis)</td> </tr> <tr> <td>10+2</td> <td>=</td> <td>10 marks (on prorata basis)</td> </tr> </table> <p>iii). Employment Experience : 20 marks (02 marks for each year)</p> <p>iv). Interview : 20 marks Total : 100 marks (Screening/Written test + Academic qualification + Employment Experience + interview)</p>	Matric	=	10 marks (on prorata basis)	10+2	=	10 marks (on prorata basis)						
Matric	=	10 marks (on prorata basis)											
10+2	=	10 marks (on prorata basis)											

<p>21. Asstt. Manager (Guest House)</p>	<p>i) Screening/Written Test: 40 marks (Written paper of 100 marks with 40% weightage)</p> <p>ii) Academic Qualification: 30 marks</p> <table border="1" data-bbox="840 239 1881 470"> <tr> <td>Grad. + Diploma Or BHM</td> <td>=</td> <td>10 marks for Graduation + 10 marks for DHM (on prorata basis) or For holding Graduation degree in Hotel Management 20 marks (on prorata basis)</td> </tr> <tr> <td>Master's degree in concerned subject</td> <td>=</td> <td>10 marks (on prorata basis)</td> </tr> </table> <p>iii) Employment Experience : 10 marks (2 marks for each year over & above prescribed Employment Experience)</p> <p>iv) Interview = 20 marks Total = 100 marks (written/Screening test + Academic qualification + Employment Experience + interview)</p>	Grad. + Diploma Or BHM	=	10 marks for Graduation + 10 marks for DHM (on prorata basis) or For holding Graduation degree in Hotel Management 20 marks (on prorata basis)	Master's degree in concerned subject	=	10 marks (on prorata basis)			
Grad. + Diploma Or BHM	=	10 marks for Graduation + 10 marks for DHM (on prorata basis) or For holding Graduation degree in Hotel Management 20 marks (on prorata basis)								
Master's degree in concerned subject	=	10 marks (on prorata basis)								
<p>22. Programme Assistant at KVK's (different subjects)</p>	<p>i) Written/ screening test=40 marks(Written paper of 100 marks with 40% weightage)</p> <p>ii). Academic Qualification: 40 marks</p> <table border="1" data-bbox="840 694 1848 829"> <tr> <td>Graduation in the concerned subject</td> <td>=</td> <td>15 marks (on prorata basis)</td> </tr> <tr> <td>Master's degree in the concerned subject</td> <td>=</td> <td>20 marks (on prorata basis)</td> </tr> <tr> <td>Ph.D. in the concerned subject</td> <td>=</td> <td>5 marks (on prorata basis)</td> </tr> </table> <p>iii) Interview: 20 marks</p> <p>Total: 100 marks (Written/screening test +Academic qualification + interview)</p>	Graduation in the concerned subject	=	15 marks (on prorata basis)	Master's degree in the concerned subject	=	20 marks (on prorata basis)	Ph.D. in the concerned subject	=	5 marks (on prorata basis)
Graduation in the concerned subject	=	15 marks (on prorata basis)								
Master's degree in the concerned subject	=	20 marks (on prorata basis)								
Ph.D. in the concerned subject	=	5 marks (on prorata basis)								



**Sher-e-Kashmir University of Agricultural
Sciences and Technology of Jammu**

**Notification No:01 (Secy.) of 2017
Dated:01-02-2017**

Sub: Up-gradation of pay scale of Artist-cum-Photographers from existing ₹3050-4590 (un-revised) {since revised to ₹5200-20200+1900} to ₹5000-8000 (unrevised) {now revised to ₹9300-34800+4200}

On the concurrence of Financial Advisor (Universities), recommended by Board of Management (at its 26th Meeting held on 1st of April, 2016), approved by University Council in its 15th meeting held on 17th of October, 2016, assented to by the Hon'ble Chancellor (H.E. the Governor, J&K) and the assent conveyed vide Deputy Secretary to Governor No. GS-1(Amend-AUJ)/2012-17/416 dated 12.01.2017, the pay scale of Artist-cum-Photographers is hereby upgraded from existing ₹3050-4590 (un-revised) {since revised to ₹5200-20200+1900} to ₹5000-8000 (unrevised) {now revised to ₹9300-34800+4200}, with prospective effect, as already envisaged under Class XVI, Category I of Schedule-IV to Chapter-III of SKUAST Statutes.

By order

No. AUJ/Secy./16-17/F-101/1605-49
Date:01-02-2017

[Signature]
Registrar 1/02/17

Cc:

- Financial Commissioner to Govt., Agriculture Production Deptt., Civil Secretariat, Jammu.
- Financial Commissioner to Govt., Planning & Development, Department, J&K, Civil Secretariat, Jammu.
- Commissioner/Secretary to Govt., Finance Deptt. J&K Govt. Civil Secretariat, Jammu.
- All members of Board of Management.
- Registrar, SKUAST-Kashmir, Shalimar Campus, Srinagar.
- All Officers of SKUAST-Jammu.
- Deputy Secretary, Governor's Secretariat, Raj Bhavan, Jammu.
- Private Secretary to Hon'ble Governor for kind information of Hon'ble Governor, J&K and Chancellor, SKUAST-Jammu, Governor's Secretariat, Raj Bhawan, Jammu.
- All Deputy/Asstt. Registrars.
- All Deputy/Asstt. Comptrollers.
- SVC for kind information of Hon'ble Vice-Chancellor of SKUAST-Kashmir.
- SVC for kind information of the Hon'ble Vice-Chancellor, SKUAST-Jammu.
- File concerned (w.3.s.c).



**Sher-e-Kashmir University of Agricultural
Sciences and Technology of Jammu**

**Notification No: 15 (Secy.) of 2016
Dated: 11-04-2016**

Sub:- Additions/Amendments in SKUAST-Statutes.

As recommended by Board of Management (at its 24th Meeting held on 10th April, 2015 and 25th Meeting held on 31st of October, 2015), approved by University Council in its 14th meeting held on 14.12.2015, assented to by the Hon'ble Chancellor (H.E. the Governor, J&K) and the assent conveyed vide Deputy Secretary to Governor No. GS-1 (Amend-AUJ)/2012/4055 dated. 28.03.2016, I, Dr. Pradeep K. Sharma, Vice-Chancellor, SKUAST-J, in exercise of powers vested in me under Section 40 of SKUAST, Act, 1982 (Amended upto July, 2005), do hereby notify addition/amendment in SKUAST-Statutes as contained in the Annexure-I & II to this Notification.

This shall come to force with immediate effect.

Sd/-
(Pradeep K. Sharma)
Vice-Chancellor

No. AUJ/Secy./16-17/F-101/352-405
Date: 11-04-2016
Cc:

- Financial Commissioner, Planning & Development Department, J&K Govt., Civil Secretariat, Jammu.
- Principal Secretary to Govt., Agriculture Production Deptt., Civil Secretariat, Jammu.
- Principal Secretary to Hon'ble Governor, Governor's Secretariat, Raj Bhawan, Jammu.
- Commissioner/Secretary to Govt., Finance Deptt., J&K Govt., Civil Secretariat, Jammu.
- Registrar, SKUAST-Kashmir, Shalimar Campus, Jammu.
- Private Secretary to Hon'ble Governor for kind information of Hon'ble Governor, J&K and Chancellor, SKUAST-Jammu, Governor's Secretariat, Raj Bhawan, Jammu.
- All Officers of SKUAST-Jammu.
- All Heads of Divisions/Research Stations/Sub Stations/KVKs.
- All Deputy/Asstt. Registrars.
- All Deputy/Asstt. Comptrollers.
- SVC for kind information of Hon'ble Vice-Chancellor of SKUAST-Kashmir.
- SVC for kind information of the Hon'ble Vice-Chancellor, SKUAST-Jammu.
- File concerned (w.3.s.c).

Dr. Pradeep K. Sharma
11.04.16
Registrar

Additions/Amendments to Chapter-II, III, X and XIV of SKUAST Statutes

Under Schedule-I to Chapter-II, the composition of Selection Committees for the posts appearing at S.No. 8 & 9 shall include '**Dean of the concerned Faculty**' as one of the Members.

Under Schedule-I, II, III & IV to Chapter-III, in the composition of respective Selection Committees, 'One of the Directors to be nominated by the Vice-Chancellor' as a Member, wherever existing therein, shall be substituted by 'One of the Directors /Deans /Officers to be nominated by the Vice-Chancellor' and 'One of the Directors to be nominated by the Vice-Chancellor' as Chairman, wherever existing therein, shall be substituted by 'One of the Directors /Deans /Officers to be nominated by the Vice-Chancellor'.

Under Clause-78 of Chapter-X

Para (i) of Sub-clause (a) shall be recast as under:

Faculty of Agriculture for

- B.Sc.(Hons.) Agri/M.Sc.(Agri)/Ph.D.
- M.Sc. Agroforestry/Ph.D.
- M.Tech. (Agril. Engg.)
- M.Sc. Sericulture/Ph.D.
- B.Sc.(Hons.) Biotechnology /M.Sc. (Biotechnology) /Ph.D (under School of Biotechnology)

Para (ii) of Sub-clause (a) shall recast as under:

Faculty of Veterinary Sciences & Animal Husbandry for B.V.Sc. & A.H./ M.V.Sc./Ph.D.

Para (iii) of Sub-clause (a) shall be deleted.

Following Paras shall be added under Sub-clause (a):

(iv) --

(v) --

(vi) --

(vii) Faculty of Basic Sciences for

- M.Sc. Statistics/Ph.D.
- M.Sc. Biochemistry/Ph.D.
- M.Sc. Microbiology
- M.Sc. Plant Physiology

Under Sub-clauses (1)(2)(3), 'Faculty of Agriculture/Faculty of Vety. Sciences and Animal Husbandry/Faculty of Post Graduate Studies' shall be substituted by '**Faculty of Agriculture/Faculty of Vety. Sciences and Animal Husbandry/Faculty of Basic Sciences** with following composition:

- | | | |
|------|--|------------------|
| i. | Dean of the concerned Faculty | Chairman |
| ii. | All Directors and Deans of the University | Members |
| iii. | All Professors/Chief Scientists in the discipline of the concerned Faculty | Members |
| iv. | One Associate Professor-cum-Sr. Scientist and one Assistant Professor/Junior Scientist from each concerned Division/Regional Research Station /Centre /Institute /KVKs from the concerned College/Faculty on rotation to be proposed by the Dean concerned and approved by the Vice-Chancellor for a period of 2 years | Members |
| v. | One member not concerned with the university to be nominated by the Vice-Chancellor | Member |
| vi. | Professors/Associate Professors /Assistant Professors from a related disciplines in other colleges/Faculty proposed by the Dean concerned and approved by the Vice Chancellor depending upon the requirement of Faculty (not more than 06 members) | Members |
| vii | One of the senior teachers of the college/Faculty to be nominated by the Dean Concerned | Member Secretary |

Under Clause-80 of Chapter-X, Sub-clauses iii to viii shall be recast as under:

- | | | |
|------|---|------------------|
| i. | 2-3 Associate Professor/Senior Scientists from each Division of concerned and related Faculty/Regional Research Stations/Centers/Institutions/KVKs to be proposed by the Dean concerned and approved by the Vice Chancellor on rotation for a period of two years | Chairman |
| ii. | 4-8 Assistant Professor/Jr. Scientists from the concerned Faculty to be proposed by the Dean concerned and approved by the Vice Chancellor on rotation for a period of 02 years | Members |
| iii. | One teacher not below the rank of Associate Professor/Sr. Scientist from the concerned Faculty to be nominated by the Dean concerned | Member Secretary |

The Professor/Associate Professors from the service or allied Divisions which in category (ii) and (iii) above either offer the programme or courses from the concerned Faculty shall also be included as Members.

Annexure II to
Notification: (Secy.) of 2016 dated: 11-04-2016

Amendment to Col. 5 (Method of recruitment) to Class III Category-1 and Note below Class-IV Category-2 under schedule -I to Chapter III (General Administration cadre)

**Schedule-I to Chapter-III
(General Administration cadre)**

Class	Category	Designation of the post	Method of recruitment
III	1	Senior Stenographer Pay band ₹9300-34800 with grade pay of ₹4200 (Central scale)	100% by promotion as per seniority from Class-IV Category 2 not having less than 5 years service in senior scale in that class with consistently good service record and subject to availability of substantive post of senior stenographer.
IV	2	Note Below Class-IV Category 2 Stenographer appointed in the time scale of ₹5200-20200 with Grade Pay of ₹2400 shall be placed in senior scale of ₹9300-34800 with grade pay of ₹4200, subject to having 5 years of service with consistently good service record.	



**Sher-e-Kashmir University of Agricultural
Sciences and Technology of Jammu**

**Notification No:01 (Secy.) of 2017
Dated:01-02-2017**

Sub: Up-gradation of pay scale of Artist-cum-Photographers from existing ₹3050-4590 (un-revised) {since revised to ₹5200-20200+1900} to ₹5000-8000 (unrevised) {now revised to ₹9300-34800+4200}

On the concurrence of Financial Advisor (Universities), recommended by Board of Management (at its 26th Meeting held on 1st of April, 2016), approved by University Council in its 15th meeting held on 17th of October, 2016, assented to by the Hon'ble Chancellor (H.E. the Governor, J&K) and the assent conveyed vide Deputy Secretary to Governor No. GS-1(Amend-AUJ)/2012-17/416 dated 12.01.2017, the pay scale of Artist-cum-Photographers is hereby upgraded from existing ₹3050-4590 (un-revised) {since revised to ₹5200-20200+1900} to ₹5000-8000 (unrevised) {now revised to ₹9300-34800+4200}, with prospective effect, as already envisaged under Class XVI, Category I of Schedule-IV to Chapter-III of SKUAST Statutes.

By order

No. AUJ/Secy./16-17/F-101/1605-49
Date:01-02-2017


Registrar 1/02/17

Cc:

- Financial Commissioner to Govt., Agriculture Production Deptt., Civil Secretariat, Jammu.
- Financial Commissioner to Govt., Planning & Development, Department, J&K, Civil Secretariat, Jammu.
- Commissioner/Secretary to Govt., Finance Deptt. J&K Govt. Civil Secretariat, Jammu.
- All members of Board of Management.
- Registrar, SKUAST-Kashmir, Shalimar Campus, Srinagar.
- All Officers of SKUAST-Jammu.
- Deputy Secretary, Governor's Secretariat, Raj Bhavan, Jammu.
- Private Secretary to Hon'ble Governor for kind information of Hon'ble Governor, J&K and Chancellor, SKUAST-Jammu, Governor's Secretariat, Raj Bhawan, Jammu.
- All Deputy/Asstt. Registrars.
- All Deputy/Asstt. Comptrollers.
- SVC for kind information of Hon'ble Vice-Chancellor of SKUAST-Kashmir.
- SVC for kind information of the Hon'ble Vice-Chancellor, SKUAST-Jammu.
- File concerned (w.3.s.c).

SKUAST
Jammu

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"Healthy soils for a healthy life"

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Jammu, Jammu-180009, INDIA



**Sher-e-Kashmir University of Agricultural
Sciences and Technology of Jammu**

Notification No: 23(Est.) of 2015
Dated: 16-09-2015

Sub:- Additions/Amendments in SKUAST-Statutes.

- Whereas, SKUAST-Kashmir, on the recommendation of its 58th Meeting of Board of Management, approved by the University Council in its 28th Meeting and assented to by the Hon'ble Chancellor (Hon'ble Governor (J&K), notified the amendments at Col. 5 (Method of recruitment) to Class-III Category-1 and Note below Class-IV Category-2 under Schedule-I to Chapter-III (General Administration cadre) of SKUAST Statutes, with respect to the waiving of short hand and type test for the promotion of Stenographer to Senior Stenographer and placement of Stenographer in the senior scale after 5 years of regular service in the time scale.
- Whereas, since SKUAST-J and SKUAST-K are being governed by the same Statutes, the above stated amendment notified by the SKUAST-Kashmir in the SKUAST-Statutes vide notification No. 02 of 2015 dated 16.06.2015, can also be adopted in SKUAST-J.

In light of the above, it is, therefore, notified that the amendment made by the SKUAST-Kashmir as specified below, with respect to the waiving of short hand and type test for the promotion of Stenographer to Senior Stenographer and placement of Stenographer in the senior scale, would also be applicable in SKUAST-J.

Class	Category	Designation of the post	Method of recruitment
III	1	Senior Stenographer Pay band ₹9300-34800 with grade pay of ₹4200 (Central scale)	100% by promotion as per seniority from Class-IV Category.2 not having less than 5 years service in senior scale in that class with consistently good service record and subject to availability of substantive post of senior stenographer.
IV	2	Note Below Class-IV Category 2 Stenographer appointed in the time scale of ₹5200-20200+₹2400 shall be placed in senior scale of ₹9300-34800 with grade pay of ₹4200, subject to having 5 years of service with consistently good service record.	

This notification shall come into force w.e.f 16.06.2015 i.e. the date of issuance of notification by SKUAST Kashmir.

By Order



Sd/-
Registrar



**Sher-e-Kashmir University of Agricultural
Sciences and Technology of Jammu**

No. AUJ/Est./15-16/2810-42

Date: 16.09.2015

Cc:

- Principal Secretary to Govt., Planning & Development Department, J&K Govt., Civil Secretariat, Srinagar.
- Principal Secretary to Hon'ble Governor, Governor's Secretariat, Raj Bhawan, Srinagar.
- Commissioner/Secretary to Govt., Finance Deptt., J&K Govt., Civil Secretariat, Srinagar.
- Commissioner/ Secretary to Govt., Agriculture Production Deptt., Civil Secretariat, Srinagar.
- Registrar, SKUAST-Kashmir, Shalimar Campus, Srinagar.
- Private Secretary to Hon'ble Governor for kind information of Hon'ble Governor, J&K and Chancellor, SKUAST-Jammu, Governor's Secretariat, Raj Bhawan, Srinagar.
- All Officers of SKUAST-Jammu.
- Dean, FoA/F.B.Sc., Chatha/F.V.Sc., R.S.Pura with the request to circulate the same among the Divisions under their administrative control.
- All I/c Research Stations/Sub Stations/KVKs.
- All Asstt. Registrars.
- All Deputy/Asstt. Comptrollers.
- SVC for kind information of Hon'ble Vice-Chancellor of SKUAST-Kashmir.
- SVC for kind information of the Hon'ble Vice-Chancellor, SKUAST-Jammu.
- File concerned (w.3.s.c).

[Signature]
16/9/2015
Asstt Registrar (Est)



**Sher-e-Kashmir University of Agricultural
Sciences and Technology of Jammu**

Notification No: 7(Secy.) of 2015

Dated: 12-08-2015

Sub: Adoption of addition/amendments made by SKUAST-K in SKUAST-J.

- Whereas, SKUAST-Kashmir, on the recommendation of its 55th meeting of Board of Management and approval of University Council (at its 25th Meeting), has made the amendments under relevant class/category of Schedule-III to Chapter-III, for the adoption of state norms of minimum qualification for the direct recruitment in certain categories of the non-teaching posts.
- Whereas, SKUAST-J has also placed an agenda in its 23rd Meeting of Board of Management for the adoption of the same amendments as made by SKUAST-Kashmir, in respect of certain categories of non-teaching posts that exists in SKUAST-J and specified under Schedule-III to Chapter-III of SKUAST-Statutes.
- Whereas, University, in its 13th Meeting of University Council held on 15th April, 2015, approved/ratified decisions of 23rd BoM for the adoption of aforesaid addition/amendments, made by SKUAST-Kashmir in Statutes, in SKUAST-J also.

In light of the above, it is, therefore, notified that the amendments made by the SKUAST-Kashmir for the adoption of state norms of minimum qualification for direct recruitment, in respect of below mentioned categories of non-teaching posts, would also be applicable in SKUAST-J.

Schedule-III to Chapter-III
(Auxiliary Staff Cadre)

Class	Category	Designation of the post	Minimum qualification for direct recruitment
(a)IV	1	Driver (₹5200-20200+₹1900)	<ul style="list-style-type: none">• Matric• Valid Driving license (Heavy Passenger Motor vehicle)
(a)IV	1	Tractor Driver (₹5200-20200+₹1900)	Designated as driver with same set of essential qualification and other requirement as that for the post of Driver. However, duties of driver to be broadened to the extent of driving farm machinery /equipment /earth moving machines etc.
IV	2	Mechanic (₹5200-20200+₹1900)	<ul style="list-style-type: none">• Matric pass• ITI diploma in the trade

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**Sher-e-Kashmir University of Agricultural
Sciences and Technology of Jammu**

V	2	Carpenter (₹5200-20200+₹1900)	<ul style="list-style-type: none">• Matric pass• ITI diploma in the trade
V	3	Electrician (₹5200-20200+ ₹1900)	<ul style="list-style-type: none">• Matric pass• ITI diploma in the trade
V	4	Plumber (₹5200-20200+ ₹1900)	<ul style="list-style-type: none">• Matric pass• ITI diploma in the trade

By Order

No. AUJ/Secy./15-16/F-101/989-1000
Date: 2-08-2015

Sd/-
Registrar

Cc:-

- All Officers of SKUAST-Jammu.
- Dean FoA, Chatha/F.V.Sc. & A.H., R.S.Pura /F.B.Sc., Chatha for circulation among the Divisions under their control.
- Co-ordinator of School of Biotechnology.
- SVC for kind information of Hon'ble Vice Chancellor.


12/08/2015
Asstt. Registrar (R&C)



**Sher-e-Kashmir University of Agricultural
Sciences and Technology of Jammu**

Notification No: 15 (Secy.) of 2015

Dated: 22-07-2015

Sub:- Additions/Amendments in SKUAST-Statutes.

As recommended by Board of Management in its 23rd meeting held on 22.12.2014, approved by University Council in its 13th meeting held on 15.04.2015, assented to by the Hon'ble Chancellor (H.E. the Governor, J&K) and the assent conveyed vide Additional Secretary to Governor No. GS-1 (Amend-AUJ)/2012/3658 dated: 08.07.2015, I, Dr. Pradeep K. Sharma, Vice-Chancellor, SKUAST-J, in exercise of powers vested in me under Section 40 of SKUAST, Act, 1982 (Amended upto July, 2005), do hereby notify addition/amendment in SKUAST-Statutes as contained in the Annexure-I & II to this Notification.

This shall come to force with immediate effect.

Sd/-
(Pradeep K. Sharma)
Vice-Chancellor

No. AUJ/Secy./15-16/F-101/794-863

Date: 22-07-2015

Cc:

- Principal Secretary to Govt., Planning & Development Department, J&K Govt., Civil Secretariat, Srinagar.
- Principal Secretary to Hon'ble Governor, Governor's Secretariat, Raj Bahwan, Srinagar.
- Commissioner/ Secretary to Govt., Finance Deptt., J&K Govt., Civil Secretariat, Srinagar.
- Commissioner/ Secretary to Govt., Agriculture Production Deptt., Civil Secretariat, Srinagar.
- Registrar, SKUAST-Kashmir, Shalimar Campus, Srinagar.
- Private Secretary to Hon'ble Governor for kind information of Hon'ble Governor, J&K and Chancellor, SKUAST-Jammu, Governor's Secretariat, Raj Bahwan, Srinagar.
- All Officers of SKUAST-Jammu
- All Heads of Divisions/Research Stations/Sub Stations/KVKs
- All Deputy/Asstt. Registrars
- All Deputy/Asstt. Comptrollers
- SVC for kind information of Hon'ble Vice-Chancellor of SKUAST-Kashmir.
- SVC for kind information of the Hon'ble Vice-Chancellor, SKUAST-Jammu.
- File concerned (w.3.s.c)

B.B. Gupta
22.7.15
(B.B. Gupta)
Registrar

SKUAST
Jammu

W-14, Jammu-180005, INDIA

Telefax: 0191-2262012

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SCHEDULE-I TO CHAPTER-II
(Appointment of Officers and Teachers of the University)

Proviso "Essential" in the column (3) under "Qualification for direct recruitment" for the posts of Asstt. Professor & equivalent and Subject Matter Specialist (SMS) at Sl. No. 10 of Schedule-I to Chapter-II (Appointment of Officers and Teachers of the University) of SKUAST Statutes is replaced as follows:

Sl. No (1)	Designation of the Post (2)	Qualification for direct recruitment (Amended qualification) (3)
10	Assistant Professor /Jr. Scientist (₹15600-39100 + AGP ₹6000/-)	<p>a) Master's degree with minimum 55% marks or equivalent grade in OGPA or equivalent post-graduate qualification in the concerned subject; and</p> <p>b) Ph.D. degree (with course work) in concerned subject as prescribed by the UGC regulations, 2009; and</p> <p>c) NET or at least two full length publications having a NAAS rating not less than 4, on the last date of submission of application</p> <p style="text-align: center;">Or</p> <p>a) Master's degree with 55% marks or equivalent grade in OGPA or equivalent postgraduate qualification in the concerned subject; and</p> <p>b) Ph.D. degree (without course work) in the concerned subject; and</p> <p>c) NET</p> <p>Note: <i>Ph.D. is relaxed for candidates holding post-graduation degree in Vety. Sciences provided the candidate has one publication in NAAS rated referred Journal and NET as Essential Qualification</i></p>
	Subject Matter Specialist (SMS) (₹15600-39100 + GP ₹5400/-)	<p>a) Master's degree with minimum 55% marks or equivalent grade in OGPA or equivalent post-graduate qualification in the concerned subject; and</p> <p>b) Ph.D. degree (with course work) in concerned subject as prescribed by the UGC regulations, 2009; and</p> <p>c) NET or at least two full length publications having a NAAS rating not less than 4, on the last date of submission of application</p> <p style="text-align: center;">Or</p> <p>a) Master's degree with 55% marks or equivalent grade in OGPA or equivalent postgraduate qualification in the concerned subject; and</p> <p>b) Ph.D. degree (without course work) in the concerned subject; and</p> <p>c) NET</p> <p>Note: <i>Ph.D. is relaxed for candidates holding post-graduation degree in Vety. Sciences provided the candidate has one publication in NAAS rated referred Journal and NET as Essential Qualification</i></p>

22/7
22/7

A separate schedule with the caption Schedule-VII to Chapter-III (Career Advancement Scheme for the Medical Officer of the University) as detailed under, is hereby inserted in the SKUAST-Statutes

SCHEDULE-VII TO CHAPTER-III
(Career Advancement Scheme for the Medical Officer of the University)

S.No.	Category	Placement/Promotion
1.	Medical Officer (₹15600-39100 + GP ₹5400) Central Scale+NPA	Medical Officer is entitled for Sr. Scale of ₹15600-39100+ GP ₹6600, if he/she has 10 years of service after regular appointment as Medical Officer in the pay scale of ₹15600-39100 + GP ₹5400. <i>Note: Those having PG degree will get the next higher scale of ₹15600-39100+ GP ₹6600 after seven years of regular service as Medical Officer.</i>
2.	Medical Officer (Senior Scale) (₹15600-39100+ GP ₹6600)	The Medical Officer (Sr. Scale) shall get the next higher grade of ₹15600-39100 + GP ₹7600 (selection scale), if he/she has a cumulative regular service of 15 years as medical Officer in the pay scale of ₹15600-39100 + GP ₹5400 and ₹15600-39100+ GP ₹6600
3.	Medical Officer (Selection Scale) (₹15600-39100 + GP ₹7600)	The Medical Officer (Selection Scale) shall get next higher scale of ₹37000-67000 + GP ₹8700 if he/she has five years of regular service in the pay scale of ₹15600-39100 + GP ₹7600, and shall be designated as Medical Officer (Super time Scale)

The placement of Medical Officer(s) to next scale would be subject to fulfilling of following conditions:

1. The Medical Officer is entitled for placement in next higher scale as mentioned above if he/she has consistently good performance report.
2. Placement in the next higher scale will be through a process of the screening/ selection by a Committee to be constituted by the Vice-Chancellor. The Selection Committee for placement in the pay scale of ₹15600-39100 + GP ₹7600 would involve one or two expert members.
3. Candidate(s), who are rejected by the committee specified vide (2) above, will be assessed after a period of one year and subsequent placement would be after one year of the original due date.

22/7
22/7/2015



**Sher-e-Kashmir University of Agricultural
Sciences and Technology of Jammu**

**Notification No: 10 (Secy.) of 2014
Dated : 01-08-2014**

Sub: Fixed Salary Mode of Recruitment in Non-Gazette Categories.

**Ref: Communication No. GS-1 (Amend-AUJ)/2012/3333 dated: 15th
July, 2014 received from Additional Secretary, Governors
Secretariat, Raj Bhavan, Srinagar.**

As assented to by the Hon'ble Chancellor (Hon'ble Governor, J&K State) and the assent conveyed vide above quoted reference, it is hereby ordered that the Notification No. 05 (Secy.) of 2014 dated 12.02.2014 prescribing the modalities and terms & conditions of employment, for fixed salary mode of recruitment to non-teaching categories of SKUAST-Jammu is treated as withdrawn.

By Order

Sd/-
Registrar

No : AUJ/Secy./14-15/F-10/1541-70
Date : 01-08-2014

Cc:

- Principal Secretary to Govt., Planning and Development Department, J&K Govt., Civil Sectt., Srinagar.
- Principal Secretary to Govt., Finance Department, J&K Govt., Civil Sectt., Srinagar.
- Commissioner/Secretary to Govt., Agriculture Production Department, J&K Govt., Civil Sectt., Srinagar.
- All Officers of SKUAST-Jammu.
- Additional Secretary to Hon'ble Governor, J&K, Governor's Secretariat, Raj Bhawan, Srinagar.
- Registrar, SKUAST-K, Shalimar Campus, SKUAST-K, Srinagar
- All Heads of Divisions/Research Stations/Sub Stations/KVKs.
- All Deputy/Asstt. Registrars.
- All Deputy/Asstt. Comptrollers.
- SVC for kind information of Hon'ble Vice Chancellor.


Asstt. Registrar (R&C)

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**Sher-e-Kashmir University of Agricultural
Sciences and Technology of Jammu**

**Notification No: 05 (Secy.) of 2014
Dated : 12-02-2014**

Sub: Modalities for fixed salary mode of recruitment in non-teaching categories of SKUAST-Jammu

Ref: 24th Meeting of University Council of SKUAST-Kashmir.

As assented to by Hon'ble Chancellor (Hon'ble Governor, J&K State) vide Communication No. GS-3(Amend-AUK/12-13/3159 dated 9th September 2013), I, Dr. D.K. Arora, Vice Chancellor, SKUAST-J hereby notify the Modalities for fixed salary mode of recruitment in Non-Teaching categories of SKUAST-Jammu, as contained in annexure-I herewith, in consequence of Government Order No. 257-F of 2011 dated 27.10.2011, issued by Finance Department, Govt. of Jammu and Kashmir.

Sd/-
**Prof. D.K.Arora
Vice-Chancellor**

**No. AUJ/Secy./13-14/2698-2769
Date: 12.02.2014**

Cc:

- Principal Secretary to Govt., Planning and Development Department, J&K Govt., Civil Sectt., Jammu.
- Principal Secretary to Govt., Finance Department, J&K Govt., Civil Sectt., Jammu.
- Commissioner/Secretary to Govt., Agriculture Production Department, J&K Govt., Civil Sectt., Jammu.
- All Officers of SKUAST-Jammu.
- Additional Secretary to Hon'ble Governor, J&K, Governor's Secretariat, Raj Bhawan, Jammu.
- Registrar, SKUAST-K, Shalimar Campus, SKUAST-K
- All Heads of Divisions/Research Stations/Sub Stations/KVKs.
- All Deputy/Asstt. Registrars.
- All Deputy/Asstt. Comptrollers.
- SVC for kind information of Hon'ble Vice Chancellor.

Bh S W 12.2.14
**Prof. B.B. Gupta
Registrar**

Modalities for Fixed Salary Mode of Recruitment in Non-Teaching Categories of SKUAST-Jammu

- 1) For the initial period of five years of service in SKUAST-J, pay of direct recruits to the non-teaching categories posts to which these Rules apply, carrying following Pay Band with Grade Pay or as shall come into effect from time to time, shall be regulated under these Rules, as per fixed monthly salary shown in the table below read with Note 1 and Note 2.

S.No	Pay Band (₹)	Grade Pay (₹)
01	02	03
i.	4440-7440	1300
ii.	4440-7440	1650
iii.	5200-20200	1900
iv.	5200-20200	2400
v.	9300-34800	4200
vi.	9300-34800	4600

- 2) The direct recruits shall be entitled to the benefits under Medical Attendance Rules, Leave Rules and shall also be governed by rules of probation, disciplinary rules and pension contribution under New Pension Scheme calculated on the fixed salary drawn as indicated in Column 4 and Column 07 of the Table from the date of appointment.
- 3) These Rules shall not be applicable to the :
- SKUAST-J in-service candidates(s) who shall be appointed in the SKUAST-Jammu on the non-teaching categories posts, carrying above pay band with Grade Pay and
 - in-service candidate (s) from the Government Departments/Other Universities/Government owned PSUs, provided that;
 - the candidate was not appointed in his/her former Department/Institution in terms of Government Order No. 257-F of 2011 prior to his/her appointment in SKUAST-Jammu.
 - application was routed through proper channel in conformity with the rules/procedures in vogue and properly relieved to join SKUAST-Jammu and
 - the recruitments to be made under ICAR projects namely KVKs and others where full salary is being made by the agency.

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- iii. SKUAST-J employees who have already been appointed by the University either as apprentice employees or in any other category to the permanent positions prior to the issue of this notification.
- 4) Wherever applicable the period of service in fixed salary mode rendered by an inservice candidate either in Government Department/Other University/Government owned PSUs shall be counted towards the total period of five years in fixed salary mode in SKUAST-Jammu subject to the fulfillment of condition 3(ii)(b) above.
 - 5) The period of appointment in fixed salary mode under these Rules and the period apprenticeship applicable in the cases of certain posts in SKUAST-Jammu shall not together exceed five years. The Prescribed period of apprenticeship in stipendiary mode shall be counted as initial period towards the duration of total prescribed period of fixed salary mode.
 - 6) This shall carry a transitory status. Amendment, if any, made by the Government of J&K in future, shall become applicable to SKUAST-J for such purpose wherever applicable.
 - 7) The advertisement for direct recruitment on the posts carrying above Pay Band with Grade Pay shall carry specific mention of the fixed salary payable during the first five years of service as per Table below, while mentioning the Pay Band and the Grade Pay attached to the post so advertised.
 - 8) These shall come into force with immediate effect.

TABLE.

S. No	Pay Band	Grade Pay	Fixed Salary (Rs. Per month for 1st two years)	Medical Allowance	Total Salary (Rs. Per month for 1st two years)	Fixed Salary (Rs. Per month during next 3 years)	Medical Allowance	Total salary during next 3 years (Rs. Per month)
01	02	03	04	05	06	07	08	09
1	4440-7440	1300	2870	300	3170	4310	300	4610
2	4440-7440	1650	3050	300	3350	4570	300	4870
3.	5200-20200	1900	3550	300	3850	5330	300	5630
4.	5200-20200	2400	3800	300	4100	5700	300	6000
5.	9300-34800	4200	6750	300	7050	10130	300	10430
6.	9300-34800	4600	6950	300	7250	10430	300	10730

Note: 1 Other allowances like DA, HRA, CCA and annual increments shall start only after completion of 05 year's service.

Note: 2 All the employees falling under these Rules, who are appointed as a result of the advertisements issued now onwards by the SKUAST-Jammu, shall be governed by the aforementioned Table

g p



**Sher-e-Kashmir University of Agricultural
Sciences and Technology of Jammu**

Notification No: 04 (Secy.) of 2014

Dated : 28-01-2014

As recommended by Board of Management in its 22nd meeting held on 23.09.2013, approved by University Council in its 10th meeting held on 14.10.2013, assented to by the Hon'ble Chancellor (Hon'ble Governor, J&K) and the assent conveyed vide Dy. Secretary to Governor vide No. GS-1 (Amend-AUJ)2014/336 dated. 10.01.2014, I, Dr. D.K.Arora, Vice-Chancellor, SKUAST-Jammu, in exercise of powers vested in me under Section 40 of SKUAST, Act, 1982 (Amended upto July, 2005), do hereby notify addition/amendment in SKUAST-Statutes as contained in the Annexure-I, II & III to this Notification.

This shall come to force with immediate effect.

Sd/-

Prof. D.K.Arora
Vice-Chancellor

No. AUJ/Secy./13-14/2564-92

Date: 28-01-2014

Copy for information to the:

- Principal Secretary to Govt., Planning and Development Department, J&K Govt., Civil Secretariat, Jammu.
- Principal Secretary to Govt., Finance Department (Financial Advisor, Universities), J&K Govt., Civil Secretariat, Jammu.
- Principal Secretary to Hon'ble Chief Minister of J&K and Pro-Chancellor, SKUAST-Jammu for the kind information of Hon'ble Chief Minister, J&K, Civil Secretariat, Jammu.
- Principal Secretary to Hon'ble Governor, J&K and Chancellor, SKUAST-Jammu for kind information of Hon'ble Governor, J&K, Raj Bhawan, Jammu.
- Commissioner/Secretary to Govt., Agriculture Production Department, J&K Govt., Civil Secretariat, Jammu.
- All Officers of SKUAST-Jammu
- Registrar, SKUAST-Kashmir.
- All Deputy/Asstt. Registrars.
- All Deputy/Asstt. Comptrollers.
- SVC for kind information of Hon'ble Vice Chancellor of SKUAST-Jammu.
- SVC for kind information of Hon'ble Vice-Chancellor of SKUAST-Kashmir.
- File concerned (w.3.s.c).

B.B. Gupta
1.14
Prof. B.B. Gupta
Registrar

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SCHEDULE I TO CHAPTER IX
Delegation of Administrative Powers to the Officers and Employees of University

S.No. 1	Nature of power 2	To whom delegated 3	Extent 4	
2.	To sanction deputation of University employees to other parts of India outside the State for purpose of training / meeting / conferences/ seminars etc. in the interest of University and to sanction advance T.A. for this purpose	i. Vice-Chancellor ii. Officers of the University	i. Full powers ii. Full powers to Officers of the University in respect of staff under their control required to attend the annual workshops of ICAR coordinated projects/ schemes/ trainings of summer/ winter institute or any other official purpose provided that not more than two persons are deputed and funds are available for the purpose	
4.	To constitute Committees for purchase /auction/survey etc	i. Vice-Chancellor ii. Officers	i. Full powers ii. upto ₹1,00,000/-	
7.	To grant all kinds of leave but excluding study leave and casual leave and to sanction acting arrangements	i. Vice-Chancellor ii. Officers of the University iii. Heads of Divisions/ Regional Stations	i. All University Officers ii. All officials upto the rank of Professor and equivalent working directly under them iii. All staff borne on different cadres of the rank of Associate Professor and below working under them except himself in case HoD/ Regional Station /KVK is Associate Professor or equivalent.	
8.	Permission to purchase movable and immovable property by the employees of the University	i. Vice-Chancellor ii. Officers of the University iii. Heads of Div./Regional Stations	i. Full powers ii. ₹3,00,000/- in respect of each staff member working under them iii. ₹1,00,000/- in respect of each staff member working under them	Subject to the conditions laid down in J&K Govt. employees Conduct Rules
19	To permit acceptance of fee/ honorarium for work outside the University by the University employees provided that the University work does not suffer on this account	i. Vice-Chancellor ii. Officers of the University	i. Full powers ii. In respect of employees within his jurisdiction subject to the conditions that such fees etc. in case of an employee does not exceed ₹6,000/- in a year	

SCHEDULE II TO CHAPTER IX
Delegation of Financial Powers to the Officers and Employees of the University

S.No	Nature of power	To whom delegated		Extent		
3.	To allow to make purchase of stationery articles after inviting quotations	i.	Vice-Chancellor	i.	Upto ₹1,00,000	In each case For items which are not covered under rate contract or are not supplied by the supplier with whom rate contract is sanctioned on the recommendations of the purchase committee
		ii.	Officers of the University	ii.	Upto ₹20,000	
		iii.	Heads of Divisions/ Regional Stations	iii.	Upto ₹6,000	
4.	To allow to make local purchase of stationery for use in case of urgency without inviting tenders	i.	Vice-Chancellor	i.	Upto ₹50,000 in a year	
		ii.	Officers of the University	ii.	Upto ₹6,000 in each case subject to maximum of ₹15,000 in a year	
		iii.	Heads of Divisions/ Regional Stations	iii.	Upto ₹1500 in each case subject to maximum of ₹10,000 in a year	
6	To give printing work to a private press	i.	Vice-Chancellor	i.	Full powers	
		ii.	Officers of the University	ii.	₹12,000/- in each case after following codal formalities provided that the Government Press is not in a position to undertake the job	
		iii.	Heads of Divisions/ Regional Stations	iii.	₹6,000/- in each case subject to maximum of ₹15,000/- in a year subject to observance of all codal formalities.	
7	To sanction permanent advance to the Officers/Heads of Divisions/ Regional Stations and other employees incharge of a section/unit	i.	Vice-Chancellor	i.	Upto ₹10,000/- in each case	
		ii.	Comptroller	ii.	Upto ₹5,000/- in each case after keeping in view the average expenditure of the units	
8	To authorise repairs of University buildings	i.	Estates Officer	i.	Full powers upto the extent funds are available in consultation with the Officers of the University/Heads of Divisions/ Regional Stations/ Units	
		ii.	Heads of Divisions/ Regional Stations	ii.	Upto ₹10,000/- at a time but not exceeding maximum of ₹50,000/- in a year, subject to availability of funds.	

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	instrument, machinery, tools, live stocks, chemicals and glass wares etc.	ii.	Off. Ers & Regional Stations	iii.	Upto ₹1,00,000/- in each case	for the value upto ₹1,00,000/- subject to the availability of funds. However, the Vice-Chancellor have the full powers for purchase of furniture
13.	To declare stores surplus or un-serviceable excluding farm produce	i.	Vice-Chancellor	i.	Full powers	
		ii.	Officers of the University/ Heads of Divisions/ Regional Stations/ Estates Officer	ii.	Upto book value of ₹50,000/- in each case subject to maximum of ₹3,00,000/- in a year. Provided that the stores before being declared as un-serviceable are survey reported by the survey committee to be constituted in this behalf	
15.	To write off University money lost by fraud or negligence of individuals or other causes which are irrecoverable	i.	Vice-Chancellor	i.	Upto ₹1,000/- in each case, subject to a limit of ₹5,000/- in a year	
		ii.	Officers of the University	ii.	Upto ₹300/- in each case, subject to a ceiling of ₹1,500/- in a year provided that :- Serious negligence on the part of some individual employee or employees which might possibly call for disciplinary action requiring the order of a higher authority and in case of any fraud or negligence, disciplinary action is taken against the defaulting official or officials concerned before the loss is written off	
16.	To fix sale rate of perishable agriculture and animal produce of farms		Heads of Divisions/ Regional Stations		Committee to be constituted by Vice-Chancellor - for the value above ₹1,00,000/- & Officers of the University - upto the value of ₹1,00,000/-	
18.	To sanction expenditure on demonstration of implements, improved seed, fertilizers etc	i.	Vice-Chancellor	i.	Full powers	
		ii.	Officers of the University	ii.	Upto ₹ 5,000/- in each case	
		iii.	Heads of Divisions/ Regional Stations	iii.	Upto ₹2000/- in each case subject to maximum of ₹10,000/- in a year	
21.	To sanction payment of demurrage charges	i.	Vice-Chancellor	i.	Full Power	
		ii.	Officers of the University	ii.	Upto ₹1,000/- in each case	Subject to the conditions that the authority is satisfied that the amount payable is unavoidable and is not caused due to negligence of any person and is not recoverable from any employee
		iii.	Heads of Divisions/ Regional Stations	iii.	Upto ₹500/- in each case	
22.	To sanction expenditure on book binding including other binding work	i.	Officers of the University/Heads of Divisions /Regional Stations	i.	Full powers	
		ii.	Librarian	ii.	₹10,000/- in each case subject to a maximum of ₹1,00,000/- in a year and beyond that with the approval of Vice-Chancellor	

	wages except for ministerial and orderly posts		Divisions/Regional Stations	
26.	To sanction contingent expenditure of extraordinary nature	i.	Vice-Chancellor	i. ₹50,000/- in each case
		ii.	Officers of the University	ii. Upto ₹15,000/- in each case
		iii.	Heads of Divisions/ Regional Stations	iii. Upto ₹5,000/- in each case under intimation to Comptroller and the Director concerned
28.	To dispose of by burning, seeds, fruits, plants, and agricultural and animal products, unsuitable for public use	i.	Vice-Chancellor	i. Full powers
		ii.	Officers of the University	ii. Upto ₹10,000/- in each case under intimation to Comptroller
		iii.	Heads of Divisions/ Regional Stations	iii. Upto ₹3,000/- in each case subject to a maximum of ₹5,000/- in a year under intimation to the Comptroller
30.	To declare animals, agricultural produce, nursery plants, fruit trees, farm yard manure etc. as un-serviceable, surplus, un-economical	i.	Vice-Chancellor	i. Full powers subject to the recommendations of Survey Committee
		ii.	Officers of the University	ii. Upto ₹20,000/- in each case subject to recommendations of the Survey Committee under intimation to Comptroller
		iii.	Heads of Divisions/ Regional Stations	iii. Upto ₹10,000/- in each case subject to recommendations of the Survey Committee under intimation to Comptroller and concerned Officer of the University
31.	To sanction sale by public auction of animals, Agricultural Produce, nursery plants, fruit trees and other stores declared surplus/un-serviceable by competent authority	i.	Vice-Chancellor	i. Full powers on the recommendations of the Survey committee
		ii.	Officers of the University	ii. Upto ₹20,000/- in each case on the recommendations of the Survey Committee
		iii.	Heads of Divisions/ Regional Stations	iii. Upto ₹10,000/- in each case on the recommendations of the Survey Committee
32.	To sanction write-off of books, periodicals and maps etc. other than those maintained in the Library rendered un-serviceable in fair use	i.	Vice-Chancellor	i. Full powers on the recommendations of the Survey Committee
		ii.	Officers of the University, Heads of Divisions/ Regional Stations.	ii. ₹3000/- book value in a year on the recommendations of the Survey Committee
34.	To sanction expenditure on ordinary postage stamps for official communication in special case and foreign correspondence	i.	Vice-Chancellor	i. Full powers
		ii.	Officers of the University, Heads of Divisions/ Regional Stations	ii. ₹10,000/- at a time and ₹50,000 per annum for officers of the University
		iii.		iii. Upto ₹5000/- per annum for HoDs
36.	To sanction expenditure on entertainments, official functions, meeting etc	i.	Vice-Chancellor	i. Full powers
		ii.	Officers of the University	ii. Upto ₹3,000/- in each case and maximum of ₹25,000/- in a year subject to the conditions that expenditure per head does not exceed ₹30/-. However for KVKs /projects, the expenditure on refreshment shall be as per guidelines of scheme / project
		iii.	Heads of Divisions/ Regional Stations	iii. Upto ₹1,000/- in each case and maximum of ₹6000/- in a year subject to the conditions that expenditure per head does not exceed ₹25/- and availability of budget.

	with shows, exhibition, fairs	ii. Director Extension	ii. Upto ₹20,000/- in each case subject to budgetary provisions
49.	To sanction expenditure in connection with the suits instituted by or against the University	i. Vice-Chancellor	i. Full powers
		ii. Registrar	ii. Upto ₹10,000/- in each case excluding lawyer's fee
50.	To sanction expenditure on the engagement of person for specialized job like preparation of projects, reports compilation work etc.	Vice-Chancellor	Full powers subject to the condition that the period does not exceed three months and total monthly expenditure on the engagement of each person does not exceed ₹10,000/-

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Annexure-III
to
Notification No. 04 (Secy.) of 2014 Dated 28.01.2014

**Schedule-I to Chapter-II
(Appointment of Officers and Teachers of the University)**

Para (ii) of proviso "Essential" in the column (3) under "Qualification for direct recruitment" for the posts of Professor/Chief Scientist/Associate Director/Assoc. Dean/Associate Director & equivalent and Associate Professor/Senior Scientist/Deputy Director Research/Extension & equivalent at Sl. No. 8 and 9 respectively of Schedule-I to Chapter-II (Appointment of Officers and Teachers of the University) of SKUAST Statutes shall be replaced as follows:

Sl. No	Designation of the Post	Qualification for direct recruitment
(1)	(2)	(3)
8.	Professor/Chief Scientist/Assoc. Dean/Assoc. Director and equivalent (Pay Band of ₹37400-67000 with Academic Grade Pay of ₹10000)	<u>Essential</u> ii. Ten (10) year's experience in the relevant subject out of which at least eight years should be as Scientist/teacher or equivalent position in the pay band-III of ₹15600-39100 + GP of ₹5400/6000 /7000/8000 and two year as a Associate Professor/Sr. Scientist or equivalent in the pay band-IV of ₹37400-67000 with grade pay of ₹8700/9000 (The period spent in obtaining Ph.D degree will not be counted as teaching/research and/or extension experience)
9.	Associate Professor/Senior Scientist /Deputy Director Research/Extension and equivalent (Pay Band of ₹37400-67000 with Academic Grade Pay of ₹9000)	<u>Essential</u> ii. Eight (8) year's experience in the relevant subject as Scientist/teacher or equivalent position in the pay band-III of ₹15600-39100 + GP of ₹5400 /6000 /7000/8000 (The period spent in obtaining Ph.D degree will not be counted as teaching/research and/or extension experience)



**Sher-e-Kashmir University of Agricultural
Sciences and Technology of Jammu**

Notification No. 02 (Secy.) of 2014

Dated: 06-01-2014

Sub: Withdrawal of Notification No. 11 (Secy.) of 2012 dated 30.08.2012 with respect to the direct recruitment for the post of Public Relations Officer.

As per recommendation of Board of Management in its 22nd meeting and approved in the 10th Meeting of the University Council, the Notification No. 11 (Secy.) of 2012 dated 30.08.2012 with respect to the direct recruitment for the post of Public Relations Officer is hereby withdrawn.

It is further notified that the earlier provisions to the recruitment for the post of Public Relations Officer specified under Category 3, Class II of Schedule I to Chapter-III (General Administration Cadre) shall continue to be in operations henceforth.

By Order.

**Sd/-
Registrar**

No. AUJ/Secy./13-14/2365-2387

Date: 06-01-2014

C.C.:

- All the Hon'ble Members of BoM _____.
- Principal Secretary to Hon'ble Governor, J&K (Chancellor, SKUAST-J) for information.
- Principal Secretary to Hon'ble Chief Minister, J&K (Pro-Chancellor, SKUAST-J) for information.
- All Officers of the University.
- SVC for kind information of the Vice-Chancellor.

Sanyal Sharma
Dy. Registrar (Secy.)

06/11/2014

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**Sher-e-Kashmir University of Agricultural
Sciences and Technology of Jammu**

**Notification No: 13 (Secy.) of 2013
Dated : 11-07-2013**

Sub:- Additions/Amendments in SKUAST-Statutes.

As approved by University Council of SKUAST-Kashmir in its 24th meeting held on 23-04-2013, assented to by the Hon'ble Chancellor (Hon'ble Governor, J&K) and the assent conveyed by Dy. Secretary, Governor's Secretariat vide his office letter No. GS-3 (Amend-AUK)/12-13/1838-39 dated 10.06.2012, I, Dr. Dilip K. Arora, Vice-Chancellor, SKUAST-Jammu, in exercise of powers vested in me under Section 40 of SKUAST, Act, 1982 (Amended upto July, 2005), do hereby notify addition/amendment in SKUAST-Statutes as contained in the Annexure-I to this Notification.

This shall come to force with immediate effect.

Sd/-
(Dilip K. Arora)
Vice-Chancellor

No. AUJ/Secy/G-101/13-14/989-1079

Date: 11 -07-2013

Cc:

- Principal Secretary to Govt. of Jammu and Kashmir, Planning and Development Department, Civil Secretariat, Srinagar.
- Principal Secretary to Govt. of Jammu and Kashmir, Finance Deptt., (Financial Advisor, Universities) Civil Secretariat, Srinagar.
- Commissioner/Secretary, Agriculture Production Department, Govt. of Jammu and Kashmir, Civil Secretariat, Srinagar.
- Secretary, ICAR, Krishi Bhawan, New Delhi
- Deputy Director General (Edn.), ICAR, Krishi Anushandhan Bhawan, Pusa, New Delhi
- Registrar, SKUAST-Kashmir
- Deputy Secretary, Governor's Secretariat, Rajbhawan, Srinagar.
- Private Secretary to Governor for kind information of Hon'ble Governor, J&K (Chancellor, SKUAST-J), Raj Bhawan, Srinagar.
- All Members of Board of Management.
- All Officers of SKUAST-Jammu
- All Heads of Divisions/Research Stations/Sub Stations/KVKs
- All Deputy/Asstt. Registrars
- All Deputy/Asstt. Comptrollers
- SVC for kind information of Hon'ble Vice Chancellor, SKUAST-Jammu
- File concerned (w.3.s.c)


(B.B. Gupta)
Registrar

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SKUAST

**Annexure-1 to
Notification No: 13 (Secy.) of 2013 dated:11.07.2013**

Schedule-I to Chapter-II (Appointment of Officers and Teachers of the University) of SKUAST Statutes, shall be amended as under:

Para (ii) of proviso "Essential" in the column (3) under "Qualification for direct recruitment" for the posts of Director Education, Director Research, Director Extension, Dean Subject Matter Faculties, Professor/Chief Scientist/Associate Director/Assoc. Dean & equivalent and Associate Professor/Senior Scientist/Deputy Director Research/Extension or equivalent at Sl. No. 1, 2,3,4,8 and 9 respectively of Schedule-1 to Chapter-II (Appointment of Officers and Teachers of the University) of SKUAST Statutes shall be recast as follows:

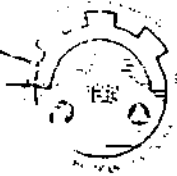
**Schedule-1 to Chapter-II
(Appointment of Officers and Teachers of the University)**

S. No.	Designation of the Post	Qualification for direct recruitment
1.	Director Education (Director Resident Instructions-cum-Dean Post Graduate Studies) (Pay Band of ₹37400-67000 with Academic Grade Pay of ₹10,000/-)	<u>Essential</u> ii. 15 years' experience of teaching/research and/ or extension of which at least 05 years should be in the rank of Professor/Chief Scientist or equivalent in an Agricultural University or Research Institute. (The period spent in obtaining Ph.D degree will not be counted as teaching/research and/ or extension experience.)
2.	Director Research (Pay Band of ₹ 37400-67000 with Academic Grade Pay of ₹10,000/-)	<u>Essential</u> ii. 15 years' experience of teaching/research and/ or extension of which at least 05 years should be in the rank of Professor/Chief Scientist or equivalent in an Agricultural University or Research Institute. (The period spent in obtaining Ph.D degree will not be counted as teaching/research and/ or extension experience.)
3.	Director Extension (Pay Band of ₹37400-67000 with Academic Grade Pay of ₹10,000/-)	<u>Essential</u> ii. 15 years' experience of teaching/research and/ or extension of which at least 05 years should be in the rank of Professor/Chief Scientist or equivalent in an Agricultural University or Research Institute. (The period spent in obtaining Ph.D degree will not be counted as teaching/research and/ or extension experience.)

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4.	Dean, Subject Matter Faculties (Pay Band of ₹37400-67000 with Academic Grade Pay of ₹10,000/-)	Essential ii. 15 years' experience of teaching, research and/ or extension of which at least 05 years should be in the rank of Professor/Chief Scientist or equivalent in an Agricultural University or Research Institute. (The period spent in obtaining Ph.D degree will not be counted as teaching/research and/ or extension experience.)
8.	Professor/Chief Scientist/ Assoc. Dean/Associate Director and equivalent (Pay Band of ₹ 37400-67000 with Academic Grade Pay of ₹10000)	Essential ii. 12 years' experience of teaching/ research and/ or extension (not below the rank of Assistant Professor) in the concerned subject, out of which 3 years should be in the rank of Associate Professor/ Sr. Scientist or equivalent. (The period spent in obtaining Ph.D degree will not be counted as teaching/research and/ or extension experience.)
9.	Associate Professor/Senior Scientist/Deputy Director Research/Extension or equivalent (Pay Band of ₹15600-39100 with Academic Grade Pay of ₹8000)	Essential ii. 04 years' experience of teaching/ research and/ or extension in the concerned subject in the rank of Assistant Professor or equivalent. (The period spent in obtaining Ph.D degree will not be counted as teaching/research and/or extension experience.

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**Sher-e-Kashmir University of Agricultural
Sciences and Technology of Jammu**

Notification No: 7(Secy.) of 2013
Dated : 08-03-2013

As approved by University Council in its 7th meeting held on 06.04.2012, assented to by the Hon'ble Chancellor (Hon'ble Governor, J&K) and the assent conveyed vide Dy. Secretary to Governor vide No. GS-1 (Amend-AUJ)/2013/725 dated. 28.02.2013, I, Dr. D.K.Arora, Vice-Chancellor, SKUAST-J, in exercise of powers vested in me under Section 40 of SKUAST, Act, 1982 (Amended upto July, 2005), do hereby notify amendment in SKUAST-Statutes as contained in the Annexure-I to this Notification.

This shall come to force with immediate effect.

Sd/-
(D.K.Arora)
Vice-Chancellor

No. AUJ/Secy/G-284(i)/12-13/3324-53

Date: 08-03-2013

Cc:

- Principal Secretary to Govt., Planning and Development Department, J&K Govt., Civil Secretariat, Jammu.
- Principal Secretary to Govt., Finance Department (Financial Advisor, Universities), J&K Govt., Civil Secretariat, Jammu.
- Principal Secretary to Hon'ble Chief Minister of J&K and Pro-Chancellor, SKUAST-Jammu for the kind information of Hon'ble Chief Minister, J&K, Civil Secretariat, Jammu.
- Principal Secretary to Hon'ble Governor, J&K and Chancellor, SKUAST-Jammu for kind information of Hon'ble Governor, J&K, Raj Bhawan, Jammu.
- Commissioner/Secretary to Govt., Agriculture Production Department, J&K Govt., Civil Secretariat, Jammu.
- All Officers of SKUAST-Jammu
- OSD to Vice Chancellor, SKUAST of Jammu for kind information of Hon'ble Vice Chancellor.
- Registrar, SKUAST-Kashmir
- All Deputy/Asstt. Registrars
- All Deputy/Asstt. Comptrollers
- SVC for kind information of Hon'ble Vice-Chancellor of SKUAST- Kashmir
- File concerned (w.3.s.c)

B.B. Gupta
(B.B. Gupta)
Registrar

SKUAST
Jammu

Chatha, Jammu-180009, INDIA

Visit us at: www.skuast.org

Schedule VI to Chapter III
(Two time Career Advancement Scheme for non-teaching employees)

1. There shall be a scheme called "Two Tier Career Advancement Scheme" replacing the earlier scheme called "One time Career Advancement Scheme" for non-teaching employees of the SKUAST-J covered under Ministerial Cadre/General Administration Cadre/Accounts Cadre/Auxiliary and other Miscellaneous cadres or equivalents, where these employees get stagnated in the same grade and no further movement is in force due to the existing One Tier Career Advancement Scheme and availability of limited number of higher positions in their respective categories.
2. The scheme will be effective from 12.09.2005.
3. This scheme shall apply to all categories of Nonteaching employees of SKUAST-J, who are whole time employees working either in permanent or quasi permanent or temporary capacity in graded scales. Part-time/reemployed/contractual employees of the University shall not be covered under this scheme.
4. The employees shall be eligible for placement in the next grade in their respective category, if they are stagnant in one grade for the time specified in each case barring Assistant Registrar's/Assistant Comptroller's & equivalent & above who are governed under UGC.
5. This scheme will be applicable to non-teaching posts.
6. The movement to the next higher grade for various categories of non-teaching employees of SKUAST-J on completion of the prescribed regular satisfactory service in one grade and payband, shall be indicated as below.

Initial Scales (₹) (1)	First upward movement (₹) (2)	Second upward movement (₹) (3)
2550-3200 (pre-revised) 4440-7440+1300 (revised)	2650-4000 (pre-revised) 4440-7440 + 1650 (revised)	3050-4590 (pre-revised) 5200-20200+ 1900 (revised)
2650-4000 (pre-revised) 4440-7440 + 1650 (revised)	3050-4590 (pre-revised) 5200-20200+ 1900 (revised)	4000-6000 (pre-revised) 5200-20200+ 2400 (revised)
3050-4590 (pre-revised) 5200-20200+ 1900 (revised)	4000-6000 (pre-revised) 5200-20200+ 2400 (revised)	5000-8000 (pre-revised) 9300-34800+ 4200 (revised)

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4000-6000 (pre-revised) 5200-20200+ 2400 (revised)	5000-8000 (pre-revised) 9300-34800+ 4200 (revised)	6500-10500 (pre-revised) 9300-34800+ 4200 and 4600 w.e.f. 21.12.2010 (revised)
5000-8000/5500-9000 (pre-revised) 9300-34800+ 4200 (revised)	6500-10500 (pre-revised) 9300-34800+ 4200 and 4600 w.e.f. 21.12.2010 (revised)	8000-13500 (pre-revised) 9300-34800+5400 (revised)
6500-10500 (pre-revised) 9300-34800+ 4200 and 4600 w.e.f. 21.12.2010 (revised)	8000-13500 (pre-revised) 9300-34800+5400 (revised)	10000-15200 (pre-revised) 15600-39100 + 6600(revised)

First upward Movement

- i. Non-Teaching Employees of SKUAST-J, except the employees falling under Class-VI viz. OCC, Lab Attendants, Mali's, Security Guards etc mentioned under various schedules to different Chapters of SKUAST-Statutes and isolated categories (non-caderised posts), who have completed 08 years of consistently satisfactory service in one grade/cadre as on 12.09.2005 or there after shall be eligible for placement in the next higher scale/grade in their respective cadre.
- ii. Non-Teaching employees falling under Class-VI and Isolated categories (non-caderised posts) under this scheme, shall be considered for first upward movement in the category concerned only if he/she has put in not less than 10 (ten years) consistently satisfactory service in the initial scale
- iii. Employees who have been benefitted under First Upward Placement under One time Career Advancement Scheme shall not be eligible for First upward Movement/Grade promotion under this scheme neither they can raise any claim in respect of any consequential benefit including consequence to the benefit to other employees, whatsoever arising out of first upward movement in two tier system.

Second upward Movement

- i. Employees, except for class-VI and isolated categories (non-caderised posts), with at least 09 years service in the First upward movement shall be eligible for placement in Second upward movement prescribed in their respective category.

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- ii. Higher Scale granted (after 10 years) to the employees under One Time Career Advancement Scheme shall be treated as First upward movement and such employees shall be eligible for Second Upward Movement on completion of 07 years satisfactory service in the next Scale as on or after 12.09.2005.
- iii. Employees in isolated categories (non-caderised posts) shall be considered for placement to the Second upward movement in category concerned only, if he has put in total 18 years (both in the initial scale and First upward movement taken together). However, the employees falling under Class VI category shall be considered for placement in the second upward movement after having rendered 17 years of service (both in the initial scale and First upward movement taken together).

General Conditions

1. The next grade shall be held by the eligible incumbent in his personal capacity without change in designation, responsibility or inter-se-seniority.
2. The employees placed in the next higher scales under this scheme shall continue to hold their existing designation till such time they are promoted against the higher posts in their respective categories. In that case, their designation shall be changed and Scale held by them in their personal capacities declared substantive from the time of such promotion without any change in pay being drawn in the said scale.
3. It shall be incumbent upon all the Non-Teaching employees availing Two tier Career Advancement Scheme not to refuse any promotion to a substantive scale/post as per the statutes which shall be construed as a non-compliance and may deprive him/her for placement in the next scale in that category under CAS.
4. Pay of the employees placed in the First/Second higher Scales shall be fixed under the provisions of Article 77-B of the J&K CSR unless otherwise provided.
5. The incumbents placed in the next higher Scales under the scheme shall be eligible to exercise option to avail of the First Upward Movement/Second Upward Movement benefit from the date of placement in that Scale as the case may be or defer the said benefit to subsequent date following the date of next annual increment in the initial pay scale/next pay scale. Such incumbents shall communicate their option in writing to the Administration within a period of one month from the date of issuance of the Order for First Upward Movement/Second Upward Movement. The option once exercised shall be treated as final.
6. The employees to be placed in next higher scales should have good consistent performance for the last three years.

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7. Any other case, which on its individual merit deserves consideration under the scheme, shall be decided by the Vice Chancellor in consultation with Financial Advisor.
8. There shall be a Screening Committee consisting of the following:
 - i. Registrar
 - ii. Project Planning and Monitoring Officer
 - iii. Comptroller
 - iv. Deputy Registrar (Est.)

(Three members shall form the quorum)
9. The Screening Committee shall peruse the service record of the eligible incumbents to determine their suitability for placement in the next grade. The recommendations of the screening Committee shall be placed before the Vice-Chancellor for approval.
10. Cases of anomalies which may arise, at the time of implementation of this scheme shall be referred to Vice-Chancellor for consideration.

M. S. Singh 97



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**Sher-e-Kashmir University of Agricultural
Sciences and Technology of Jammu**

**Notification No: 06(Secy.) of 2013
Dated : 07-03-2013**

Sub:- Additions/Amendments in SKUAST-Statutes.

- Whereas, SKUAST-Kashmir, on the recommendation of its 53rd Meeting of Board of Management, approved by the University Council in its 23rd Meeting and assented to by the Hon'ble Chancellor (Hon'ble Governor, J&K), notified the amendments in Schedule-I to Chapter-II (Appointment of Officers and Teachers of the University) and Class IV Category-2 of Schedule-I to Chapter-III (General Administration Cadre) of SKUAST-Statutes.
- Whereas, SKUAST-J and SKUAST-K are being governed under the same Statutes, the amendment notified by the SKUAST-Kashmir in the SKUAST-Statutes vide notification No. 01 of 2013 dated 11.01.2013 can be adopted in SKUAST-J also.

In light of the above, it is, therefore, notified that the amendment made by the SKUAST-Kashmir vide Notification No. 01 of 2013 dated 11-01-2013 are also applicable to this University as per Annexure I and II to this Notification.

By Order

**Sd/-
Registrar**

**No. AUJ/Secy./F-101/12-13/3242-3316
Date: 07-03-2013**

Cc:

- All Officers of SKUAST-Jammu.
- OSD to Vice Chancellor, SKUAST of Jammu for kind information.
- All Heads of Divisions/Research Stations/Sub Stations/KVKs.
- All Deputy/Asstt. Registrars.
- All Deputy/Asstt. Comptrollers.
- Private Secretary to Principal Secretary to Hon'ble Governor, Governor Sectt., Raj Bahwan, Jammu

Asstt Registrar (R&C)

**Annexure-I to Notification No. 06 (Secy.) of 2013
Dated: 07-03-2013**

Amendment to Schedule-I to Chapter-II (Appointment of Officers and Teachers of the University) of SKUAST Statutes to the extent of addition of SI. No. 15 (Students Welfare Officer)

SI. No. 15 (Students Welfare Officer) shall be added in the Note below Schedule-I to Chapter-II (Appointment of Officers and Teachers of the University) as under:

Note: The appointment to the posts indicated as SI. No. 1 to 7, 11, 14 & 15 shall be on tenure basis for a period of 05 years.

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07/03/2013


Annexure-II to Notification No. 06 (Secy.) of 2013
Dated: 07-03-2013

Amendment to Schedule-I to Chapter-III (General Administration Cadre) of SKUAST-Statutes

S.No. (iii) shall be added below S.No. (i) & (ii) in column 4 (Minimum qualifications for direct recruitment) to Class IV Category-2 of schedule-I to Chapter-III (General Administration Cadre) of SKUAST-Statutes as under:

Class	Category	Designation of the post	Minimum qualification for direct recruitment	Method of recruitment	Selection Committee	
IV	2	Stenographer Pay Band of ₹5200-20200 with grade pay of ₹2400 (Central Scale) Senior Scale Pay band of ₹9300-34800 with grade pay of ₹4200 (Central Scale)	i. Graduate ii. Shorthand speed of 50 words and typing speed of 30 words per minute. iii. Six months certificate course in computer applications from a recognized institute	i. 60% by direct recruitment ii. 40% by promotion from amongst the persons having 5 years experience in the class V of the schedule subject to passing the prescribed test	i. One of the Directors to be nominated by the Vice-Chancellor ii. Registrar iii. Comptroller iv. Project Planning & Monitoring Officer v. One Professor/ Chief Scientist to be nominated by the Vice-Chancellor vi. Deputy Registrar (Secy.) (Quorum of the committee shall be of three members)	Chairman Member Member Member Member Member Secretary

Note: Stenographer appointed in time scale (pay band of ₹5200-20200 with grade pay of ₹2400) shall placed in the Senior scale of (pay band of ₹9300-34800 with grade pay of ₹4200) subject to having 5 years of service with good service record and passing of the test (65 words in shorthand and 35 words in typing per minute)


 07/03/13



**Sher-e-Kashmir University of Agricultural
Sciences and Technology of Jammu**

**Notification No: 03 (Secy.) of 2013
Dated : 11-01-2013**

Sub:- Additions/Amendments in SKUAST-Statutes.

- Whereas, SKUAST-J in its 20th Meeting of Board of Management has placed an agenda for the adoption of qualification on the analogy of ICAR for making selection to the post of Asstt. Professor & equivalent.
- Whereas, SKUAST-Kashmir, on the recommendation of its 53rd Meeting of Board of Management, approved by the University Council in its 22nd Meeting and assented to by the Hon'ble Chancellor (Hon'ble Governor (J&K), notified the amendments at S.No. 10 to Schedule-I to Chapter-II (Appointment of Officers and Teachers of the University) of SKUAST Statutes
- Whereas, SKUAST-J and SKUAST-K are being governed by the same Statues, the amendment notified by the SKUAST-Kashmir in the SKUAST-Statutes vide notification No. 07 of 2012 dated 12.09.2012 with a corrigendum issued by SKUAST-K vide no. AU/Adm/R&C/2012/21031-91 dated 27.11.12, can be adopted in SKUAST-J also.

In light of the above, it is, therefore, notified that the amendments made by the SKUAST-Kashmir regarding the adoption of qualification for making the direct recruitment to the post of Asstt. Professor and equivalent as per the annexure-I would also be applicable in SKUAST-J.

By Order

**Sd/-
Registrar**

No. AUJ/Secy./G-284(i)/12-13/2304-78

Date: 11-01-2013

Cc:

- OSD to Vice Chancellor, SKUAST of Jammu for kind information.
- All Officers of SKUAST-Jammu.
- All Heads of Divisions/Research Stations/Sub Stations/KVKs.
- All Deputy/Asstt. Registrars.
- All Deputy/Asstt. Comptrollers.
- Private Secretary to Principal Secretary to Hon'ble Governor, Governor Sectt., Raj Bahwan, Jammu

Asstt Registrar (R&C)



Chatha, Jammu-180009, INDIA

Visit us at: www.skuast.org

Note:

The essential qualifications at graduation level in various disciplines of Agri./allied Sciences for recruitment (by selection) to the post of Assistant Professor/Junior Scientist and subject matter specialist shall be as under:

<u>S.No.</u>	<u>Discipline</u>	<u>Essential Qualification at Graduation level</u>
i.	Agronomy	B.Sc. Agriculture
ii.	Fruit Science, Vegetable Science, Floriculture and Landscaping and Food Science and Technology	B.Sc. Agriculture/B.Sc. Horticulture
iii.	Entomology and Plant Pathology	B.Sc. Agri/B.Sc. Hort./B.Sc. with biology
iv.	Soil Science	B.Sc. Agriculture/ B.Sc. Horticulture/ B.Sc. Forestry
v.	Plant Breeding & Genetics	B.Sc. Agriculture /B.Sc. Bio Sciences
vi.	Biotechnology	B.Sc. Agriculture/B.Sc. Biotech./B.Tech. Biotech./ B.Sc. Bio Sciences/B.Sc.
vii.	Sericulture	B.Sc. Agriculture /B.Sc. Sericulture/B.Sc. Bio Sciences
viii.	Agricultural Economics and Statistics	B.Sc. Agriculture/ B.Sc. Horticulture/ B.Sc. Forestry/B.Sc. with Statistics or Mathematics
ix.	Biochemistry and Plant Physiology	B.Sc. Agriculture/B.Sc. Horticulture /B.Sc. Bio Sciences
x.	Agriculture Extension Education	B.Sc. Agriculture/ B.Sc. Horticulture/ B.Sc. Forestry/ B.Sc. Home Science
xi.	Forestry	B.Sc. Forestry/ B.Sc. Agriculture/ B.Sc. Horticulture

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11/01/13

S.No. 10 to Schedule I to Chapter II (Appointment of Officers and Teachers of the University) of SKUAST-Statutes shall be recasted as under

S. No.	Designation of the post	Qualification for direct recruitment	Composition of Selection Committee	
10.	Assistant Professor/ Junior Scientist and equivalent (pay band ₹15600-39100 with Academic Grade Pay of ₹6000/-) UGC Scale	<p>Essential:</p> <p>i.</p> <p>a) Master's degree with minimum 55% marks or equivalent grade in OGPA or equivalent post-graduate qualification in the concerned subject.</p> <p>b) Ph.D degree (with course work) in concerned subject as prescribed by the UGC regulations, 2009 (Ph.D. is relaxable for candidates holding post-graduation degree in Vety. Sciences along with one publication in NAAS rated referred Journal and NET)</p> <p>c) NET or at least two full length publications having a NAAS rating not less than 4, on the last date of submission of application</p> <p style="text-align: center;">Or</p> <p>i.</p> <p>a) Master's degree with 55% marks or equivalent grade in OGPA or equivalent postgraduate qualification in the concerned subject.</p> <p>b) Ph.D degree (without course work) in the concerned subject.</p> <p>c) NET</p>	<p>i. Vice-Chancellor or his nominee</p> <p>ii. 2 experts from outside the University to be nominated by the Vice-Chancellor from the panel of name approved by the Board.</p> <p>iii. Director Education</p> <p>iv. Director Research/Director Extension One of them to be nominated by the Vice-Chancellor, depending upon nature of the post to be filled up)</p> <p>v. One Representative of the State Government not below the rank of Additional secretary to Govt.</p> <p>vi. Dean of the subject matter Faculty depending upon the nature of post.</p> <p>(Quorum of the Committee shall be of three members with one expert from outside)</p>	<p>Chairman</p> <p>Members</p> <p>Member</p> <p>Member</p> <p>Member</p> <p>Member</p>

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**Sher-e-Kashmir University of Agricultural
Sciences and Technology of Jammu**

Notification No: 01 (Secy.) of 2013

Dated : 08-01-2013

As recommended by Board of Management in its 20th meeting held on 22.08.2012, approved by University Council in its 8th meeting held on 28.09.2012, assented to by the Hon'ble Chancellor (Hon'ble Governor, J&K) and the assent conveyed vide Dy. Secretary to Governor vide No. GS-1 (Amend-AUJ)/2012/3951 dated. 11.12.2012, I, Dr. D.K.Arora, Vice-Chancellor, SKUAST-J, in exercise of powers vested in me under Section 40 of SKUAST, Act, 1982 (Amended upto July, 2005), do hereby notify addition/amendment in SKUAST-Statutes as contained in the Annexure-I to this Notification.

This shall come to force with immediate effect.

Sd/-
(D.K.Arora)
Vice-Chancellor

No. AUJ/Secy/G-284(i)/12-13/2013 - 2148

Date: 08-01-2013

Cc:

- Financial Commissioner, Finance Department (Financial Advisor, Universities), J&K Govt., Civil Secretariat, Jammu.
- Principal Secretary to Govt., Planning and Development Department, J&K Govt., Civil Secretariat, Jammu.
- Principal Secretary to Hon'ble Chief Minister of J&K and Pro-Chancellor, SKUAST-Jammu for the kind information of Hon'ble Chief Minister, J&K, Civil Secretariat, Jammu.
- Principal Secretary to Hon'ble Governor, J&K and Chancellor, SKUAST-Jammu for kind information of Hon'ble Governor, J&K, Raj Bhawan, Jammu.
- Commissioner/Secretary to Govt., Agriculture-Production Department, J&K Govt., Civil Secretariat, Jammu.
- All Officers of SKUAST-Jammu
- OSD to Vice Chancellor, SKUAST of Jammu for kind information of Hon'ble Vice Chancellor.
- Registrar, SKUAST-Kashmir
- All Deputy/Asstt. Registrars
- All Deputy/Asstt. Comptrollers
- SVC for kind information of Hon'ble Vice-Chancellor of SKUAST- Kashmir
- File concerned (w.3.s.c)

B.B. Gupta
8.1.13
(B.B. Gupta)
Registrar

**Annexure-I to
University Notification No. 01 (Secy.) of 2013 dated: 08.01.2013**

**Schedule I to Chapter III
(General Administration Cadre)**

Class	Category	Designation of the post	Minimum qualifications for direct recruitment	Method of recruitment
1	2	3	4	5
VI		Peon, Orderly, Messenger, runner, Chowkidar, Duplicator Operator/ Laboratory Attendant/ Library Attendant 2550-3200 (unrevised) Central Scale	Minimum: Matric Maximum: 10+2	By direct recruitment

**Schedule-III to Chapter-III
(Auxiliary Staff Cadre)**

Class	Category	Designation of the post	Minimum qualifications for direct recruitment	Method of recruitment
1	2	3	4	5
VI	1	Cleaner 2550-3200 (unrevised) Central Scale	Minimum: Matric Maximum: 10+2	By direct recruitment
VI	2	Cook/ Hostel Attendant 2550-3200 (unrevised) Central Scale	Minimum: Matric Maximum: 10+2	By direct recruitment
VI	3	Shepherd/ Animal Attendant 2550-3200 (unrevised) Central scale	Minimum: Matric Maximum: 10+2	By direct recruitment
VI	4	Gardener/ Mali/ Farm Attendant 2550-3200 (unrevised) Central Scale	Minimum: Matric Maximum: 10+2	By direct recruitment

**Schedule-IV to Chapter-III
(Miscellaneous Cadre)**

Class	Category	Designation of the post	Minimum qualifications for direct recruitment	Method of recruitment
1	2	3	4	5
XXVIII	1	Security Guard (2550-3200) (unrevised)	Minimum: Matric Maximum: 10+2 Ex-serviceman Age not more than 45 years	By direct recruitment

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**Sher-e-Kashmir University of Agricultural
Sciences and Technology of Jammu**

**Notification No: 15 (Secy.) of 2012
Dated : 20-11-2012**

Sub:- Additions/Amendments in SKUAST-Statutes.

- Whereas, SKUAST-Kashmir, on the recommendation of its 52nd Meeting of Board of Management, approved by the University Council in its 22nd Meeting and assented to by the Hon'ble Chancellor (Hon'ble Governor (J&K), notified the amendments in Class V, Category 1 of Schedule I to Chapter-III (General Administration Cadre) of SKUAST Statutes
- Whereas, SKUAST-J and SKUAST-K are being governed by the same Statutes, the amendment notified by the SKUAST-Kashmir in the SKUAST-Statutes vide notification No. 11 of 2012 dated 26.09.2012, can be adopted in SKUAST-J also.

In light of the above, it is, therefore, notified that the amendment made by the SKUAST-Kashmir in respect of making recruitment to the post of Asstt.-Cum-Typist/Dispatch/receipt/Stationery/Store Clerk as specified below would also be applicable in SKUAST-J.

Class	Category	Designation of the post	Minimum qualification for direct recruitment	Method of recruitment
V	1	Assistant-Cum-Typist/Dispatch/Receipt/Stationery/Store Clerk and equivalent Ministerial posts (pay band of ₹5200-20200 with grade pay of ₹1900)	i. Graduate from any recognized University ii. Having knowledge of type writing, having not less than 35 words speed per minute iii. Having six months certificate course in computer applications from a recognized institute	i. 75 % by direct recruitment ii. 25% by promotion from class-VI Graduate employees subject to passing of type test with speed of (25) words per minute to be worked out on the basis of vacant posts

By Order

Sd/-
Registrar

**No. AUJ/Secy./G-284(i)/12-13/1448-1533
Date: 20.11.12**

Cc:

- OSD to Vice Chancellor, SKUAST of Jammu for kind information.
- All Officers of SKUAST-Jammu.
- All Heads of Divisions/Research Stations/Sub Stations/KVKs.
- All Deputy/Asstt. Registrars.
- All Deputy/Asstt. Comptrollers.
- Private Secretary to Principal Secretary to Hon'ble Governor, Governor Sectt., Raj Bahwan, Jammu

Asstt Registrar (R&C)



(4)

**Sher-e-Kashmir University of Agricultural
Sciences and Technology of Jammu**

**Notification No: 11 (Secy.) of 2012
Dated : 30-08-2012**

Sub:- Additions/Amendments is SKUAST-Statutes.

As recommended by Board of Management in its 18th meeting held on 22.02.2012, approved by University Council in its 7th meeting held on 06-04-2012, assented to by the Hon'ble Chancellor (H.E. the Governor, J&K) and the assent conveyed vide Dy. Secretary to Governor No. GS-1 (Amend-AUJ)/2012/2772 dated. 27.08.2012, I, Dr. D.K.Arora, Vice-Chancellor, SKUAST-J, in exercise of powers vested in me under Section 40 of SKUAST, Act, 1982 (Amended upto July, 2005), do hereby notify addition/amendment in SKUAST-Statutes as contained in the Annexure-I to IV to this Notification.

This shall come to force with immediate effect.

Sd/-
(D.K.Arora)
Vice-Chancellor

**No. AUJ/Secy/G-284(i)/12-13/426-510
Date: 30-08-2012**

Cc:

- Principal Secretary to Govt. of Jammu and Kashmir, Finance Deptt., Civil Secretariat, Srinagar.
- Principal Secretary to Govt. of Jammu and Kashmir, Planning and Development Department, Civil Secretariat, Srinagar.
- Commissioner/Secretary, Agriculture Production Department, Govt. of Jammu and Kashmir, Civil Secretariat, Srinagar.
- Secretary, ICAR, Krishi Bhawan, New Delhi
- Deputy Director General (Edn.), ICAR, Krishi Anushandhan Bhawan, PUSA, New Delhi
- Registrar, SKUAST-Kashmir
- Deputy Secretary to H.E.G, Governor's Secretariat, Rajbhawan, Srinagar.
- Private Secretary to Governor for kind information of H.E., the Governor, J&K (Chancellor, SKUAST-J), Raj Bhawan, Srinagar.
- All Members of Board of Management.
- OSD to Vice Chancellor, SKUAST of Jammu for kind information of Hon'ble Vice Chancellor.
- All Officers of SKUAST-Jammu
- All Heads of Divisions/Research Stations/Sub Stations/KVKs
- All Deputy/Asstt. Registrars
- All Deputy/Asstt. Comptrollers
- SVC for kind information of Hon'ble Vice-Chancellor of SKUAST- Kashmir
- File concerned (w.3.s.c)

B.B. Gupta
30.8.12
(B.B. Gupta)
Registrar

SKUAST
Jammu

Chatha, Jammu-180009, INDIA

Visit us at www.skuast.org

**Schedule IV to Chapter III
(Miscellaneous Cadre)**

Class XXXIV, Category 1 is added to Schedule IV to Chapter III (Miscellaneous Cadre) of SKUAST-Statues

Class	Category	Designation of the post	Minimum qualifications for direct recruitment	Method of recruitment	Selection Committee	
1	2	3	4	5	6	
XXXIV	1	Asstt. Manager (Guest House) ₹5200-20200 + GP 2400 (unrevised 4000-6000)	Direct	Graduate with one year Diploma in Hotel Management Or Bachelor Degree in Hotel Management	i. One Director to be nominated by the Vice-Chancellor ii. Two experts not below the rank of Associate Professor, out of whom one shall be from the concerned field, not necessarily from within the University iii. Registrar iv. Dy. Registrar (Secrecy)	Chairman Members Member Member Secretary
					(Quorum of committee shall be of three members with one expert from outside)	

Asstt. Manager (Guest House) shall be placed in the selection grade of ₹9300-34800 + GP ₹4200 (₹5000-8000 unrevised) after the satisfactory completion of 5 years regular service

**Schedule I to Chapter III
(General Administration Cadre)**

Class II, Category-3 is added to Schedule I to Chapter III (General Administration Cadre) of SKUAST-Statues.


Class	Category	Designation of the post	Minimum qualifications for direct recruitment	Method of recruitment	Selection Committee	
1	2	3	4	5	6	
II	3	Public Relations Officer (unrevised ₹8000-13500)	Essential i. Graduate ii. Five year's experience of working in a Govt. deptt./autonomous body in the grade next below Desirable M.A. Journalism	Direct	1. Vice-Chancellor 2. Two Members from outside the University to be nominated by the Vice-Chancellor from amongst a panel of names approved by the Board 3. One of the Directors to be nominated by the Vice-Chancellor 4. Registrar (Quorum of the committee shall be of four members with one expert from outside)	Chairman Members Member Member Secretary

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**Annexure III to University Notification No: 11 (Secy.) of 2012
dated: 30.08.2012**

The word "**Dy. Registrar (Establishment)**" is replaced with **Deputy Registrar (Secrecy)** in the various Selection Committees appearing under Schedule -I to Chapter-III (General Administration Cadre), Schedule-II to Chapter-III (Accounts Cadre), Schedule-III to Chapter-III (Auxiliary Staff Cadre) and Schedule IV to Chapter-III (Miscellaneous cadre) of the SKUAST-Statutes.



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Annexure-IV to University Notification No: 11 (Secy.) of 2012
dated: 30.08.2012

CHAPTER -IV
CONDITION OF SERVICE OF EMPLOYEES OF THE UNIVERSITY

Clause 27(c) should be added to Chapter IV (Condition of Service of the employees of the University):

For the employees who are appointed on or after 01-01-2010 are covered under the New Pension Scheme (NPS) *mutatis-mutandis* as applicable to employees of J&K Govt.

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Sher-e-Kashmir
University of Agricultural Sciences & Technology of Jammu
Chatha, Jammu -180009 (J&K)

Notification No : 05(Est.) of 2012
Dated : 06 -03-2012

As approved by University Council at its 6th Meeting held on 06.09.2011, assented to by the Hon'ble Chancellor (H.E. the Governor, J&K) and conveyed by the Dy. Secretary to Governor vide No. GS-1 (Amend-AUJ)2012/505 dated 07-01-2012, I, Dr. B. Mishra, Vice-Chancellor, SKUAST-J, in exercise of powers vested in me under Section 40 of SKUAST, Act, 1982 (Amended upto July, 2005), do hereby notify addition/amendment in SKUAST-Statutes as contained in the Annexure 'A' to this Notification.

This shall come to force with immediate effect.

Sd/-
(B.Mishra)
Vice-Chancellor

No : AUJ/Adm/11-12/19836-19902
Date : 06-03-2012

- Principal Secretary to Govt., Finance Department (Financial Advisor, Universities), Civil Secretariat, Jammu.
- Principal Secretary to Govt., Planning and Development Department, Civil Secretariat, Jammu.
- Principal Secretary to H.E. the Governor, J&K and Chancellor, SKUAST-Jammu for kind information of H.E. the Governor, J&K, Raj Bhawan, Jammu
- Principal Secretary to Hon'ble Chief Minister of J&K and Pro-Chancellor, SKUAST-Jammu for the kind information of Hon'ble Chief Minister, J&K, Civil Secretariat, Jammu.
- Commissioner/Secretary to Govt., Agriculture Production Department, Civil Secretariat, Jammu.
- Secretary, ICAR, Krishi Bhawan, New Delhi
- Deputy Director General (Edn.), ICAR, Krishi Anushandhan Bhawan, PUSA, New Delhi
- All Officers of SKUAST-Jammu
- Registrar, SKUAST-Kashmir
- All Heads of Divisions/Research Stations/Sub Stations/KVKs
- All Deputy/Asstt. Registrars
- All Deputy/Asstt. Comptrollers
- SVC for kind information of Hon'ble Vice-Chancellor of SKUAST-Jammu
- SVC for kind information of Hon'ble Vice-Chancellor of SKUAST- Kashmir
- File concerned (w.3.s.c)

B.B. Gupta
6/3/12
(B.B. Gupta)
Registrar

Schedule II to Chapter III (Accounts Cadre)

Class IV, Category 1, Note para 2 below the Schedule at page 56 of SKUAST Statutes

Existing	Amended
Candidates selected for the post of Accounts Assistant shall have to undergo a training course for a period of one year (comprising theoretical training for six months and practical training for six months) during which they shall be paid a stipend of ₹600 P.M. They shall be granted pay scale of ₹4000-6000 after completion of one year training course as described above. During the period of probation, they shall have to qualify the ACC examination within the prescribed period failing which their future increments shall be stopped till they pass the requisite examination.	Candidates selected for the post of Accounts Assistant shall have to undergo a training course for a period of one year (comprising theoretical training for six months and practical training for six months) during which they shall be paid a stipend of ₹3500 P.M. They shall be granted pay scale of ₹4000-6000 (pre-revised) after completion of one year training course as described above. During the period of probation, they shall have to qualify the ACC examination within the prescribed period failing which their future increments shall be stopped till they pass the requisite examination.

Schedule III to Chapter III (Auxiliary Staff Cadre)

Class III, Category 1, Note para 3 below the Schedule at page 65 of SKUAST Statutes

Existing	Amended
During the period of apprenticeship, the candidates with T.D.C. I (10+2) with science shall receive stipend @₹500 P.M for the 1 st year and @₹600 P.M for the subsequent period. The candidates with T.D.C.I (10+2) with science and one year's training or holding B.Sc. degree shall receive stipend @₹600 P.M. during the apprenticeship period. The stipend will be debited to the salary head of the account of the particular post against which the apprentice is adjusted.	During the period of apprenticeship, the candidates shall receive stipend @₹3000 P.M. The stipend will be debited to the salary head of the account of the particular post against which the apprentice is adjusted.

Handwritten signature/initials



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Sher-e-Kashmir
University of Agricultural Sciences & Technology of Jammu
Chatha, Jammu -180009 (J&K)

Notification No : 4(Est.) of 2012
Dated : 06-03-2012

As recommended by the Board of Management at its 16th Meeting held on 30.06.2011, approved by University Council in its 6th Meeting held on 06.09.2011, assented to by the Hon'ble Chancellor (H.E. the Governor, J&K) and conveyed by Dy. Secretary to Governor vide No. GS-1 (Amend-AUJ)2012/505 dated 07-01-2012, I, Dr. B. Mishra, Vice-Chancellor, SKUAST-J, in exercise of powers vested in me under Section 40 of SKUAST, Act, 1982 (Amended upto July, 2005), do hereby notify addition/amendment in SKUAST-Statutes as contained in the Annexure 'A' to this Notification.

This shall come to force with immediate effect.

Sd/-
(B.Mishra)
Vice-Chancellor

No : AUJ/Adm/11-12/19769-19835
Date : 06-03-2012

- Principal Secretary to Govt., Finance Department (Financial Advisor, Universities), Civil Secretariat, Jammu.
- Principal Secretary to Govt., Planning and Development Department, Civil Secretariat, Jammu.
- Principal Secretary to H.E. the Governor, J&K and Chancellor, SKUAST-Jammu for kind information of H.E. the Governor, J&K, Raj Bhawan, Jammu
- Principal Secretary to Hon'ble Chief Minister of J&K and Pro-Chancellor, SKUAST-Jammu for the kind information of Hon'ble Chief Minister, J&K, Civil Secretariat, Jammu.
- Commissioner/Secretary to Govt., Agriculture Production Department, Civil Secretariat, Jammu.
- Secretary, ICAR, Krishi Bhawan, New Delhi
- Deputy Director General (Edn.), ICAR, Krishi Anushandhan Bhawan, PUSA, New Delhi
- All Officers of SKUAST-Jammu
- Registrar, SKUAST-Kashmir
- All Heads of Divisions/Research Stations/Sub Stations/KVKs
- All Deputy/Asstt. Registrars
- All Deputy/Asstt. Comptrollers
- SVC for kind information of Hon'ble Vice-Chancellor of SKUAST-Jammu
- SVC for kind information of Hon'ble Vice-Chancellor of SKUAST- Kashmir
- File concerned (w.3.s.c)

B.B. Gupta
(B.B. Gupta)
Registrar

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Annexure 'A' to University Notification No : 4.(Est.) of 2012
Dated: 06.03.2012

Schedule II to Chapter IX

Under S.No. 39 column No. 4

S.No.	Nature of the power	To whom delegated	Existing	Amended
1.	To permit excess expenditure over originally technically sanctioned estimates without revision of technical sanction	Estates Officer	Up to 4% (per cent) and beyond that Vice-Chancellor in consultation with Chief Engineer concerned	Up to 5% (percent) and beyond that Vice-Chancellor in consultation with Chief Engineer concerned

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Sher-e-Kashmir
University of Agricultural Sciences & Technology of Jammu
Chatha, Jammu - 180009 (J&K)

Notification No : 35(Est.) of 2011
Dated : 02-12-2011

Sub: Change of nomenclature for the posts of Director

- Whereas, ICAR revised ICAR Model Act 2009 and circulated among the State Agril. Universities. This University has also received a revised copy of the ICAR Model Act from ICAR, Krishi Anusandhan Bahawan, Pusa, New Delhi and the same was placed before the Hon'ble Members of the BoM in its 14th Meeting held on 08.11.2010.
- Whereas, the matter regarding change in nomenclature of Posts of Directors i.e from Director Resident Instructions-cum-Dean, PGS to Director Education, Director Research to Director Research, Director Extension Education to Director Extension was discussed in detail by the Hon'ble Members of Board of Management and it was resolved to send the same to the University Council for its approval.
- Whereas, Hon'ble Member of University Council in its 5th Meeting held on 20.12.2010 and the following resolution was espoused which is reproduced as under:

"that the proposed nomenclature for the post of Directors as Director Education, Director Research and Director Extension, as mentioned above be ammended and that consequential amendments be carried out in the Statutes and the SKUAST ACT, 1982".
- Whereas, the assent of Hon'ble Chancellor (H.E. the Governor, J&K) in the matter was conveyed vide Dy. Secretary to Governor No. GS-3 (UCM-AUJ)/2011/1773 dated 14-06-2011.

In light of above, I, Dr. B. Mishra, Vice-Chancellor, SKUAST-J, in exercise of powers vested in me under Section 40 of SKUAST, Act, 1982 (Amended upto July, 2005), do hereby notify that the nomenclatures of Director Resident Instructions-cum-Dean Post Graduate Studies and Director Extension Education are amended as Director Education and Director Extension, respectively appearing at all places in SKUAST-Statutes.

This shall come to force with immediate effect.

Sd/-
(B.Mishra)
Vice-Chancellor

No : AUJ/Adm/11-12/12991 - 13063
Date : 02-12-2011
Cc:-

- Principal Secretary to Govt., Agriculture Production Department, Civil Secretariat, Jammu.
- Principal Secretary to Govt., Planning and Development Department, Civil Secretariat, Jammu.
- Principal Secretary to Hon'ble Chief Minister of J&K and Pro-Chancellor, SKUAST-Jammu for the kind information of Hon'ble Chief Minister, J&K, Civil Secretariat, Jammu/Srinagar.
- Principal Secretary to H.E. the Governor, J&K and Chancellor, SKUAST-Jammu for kind information of H.E. the Governor, J&K, Raj Bhawan, Srinagar
- Commissioner/Secretary to Govt. Finance Department (Financial Advisor, Universities), Civil Secretariat, Jammu/Srinagar.
- Secretary, ICAR, Krishi Bhawan, New Delhi
- Deputy Director General (Edn.), ICAR, Krishi Anushandhan Bhawan, PUSA, New Delhi
- All Officers of SKUAST-Jammu
- Registrar, SKUAST-Kashmir
- All Heads of Divisions/Research Stations/Sub Stations/KVKs
- All Deputy/Asstt. Registrars
- All Deputy/Asstt. Comptrollers
- SVC for kind information of Hon'ble Vice-Chancellor of SKUAST-Jammu
- SVC for kind information of Hon'ble Vice-Chancellor of SKUAST- Kashmir
- File concerned (w.3.s.c)

2.12.2011
(B.B. Gupta)
Registrar



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Sher-e-Kashmir
University of Agricultural Sciences & Technology of Jammu
Chatha, Jammu -180009 (J&K)

Notification No: 19(Est.) of 2011
Dated: 08-07-2011

As recommended by Board of Management in its 15th meeting held on 08-11-2010, approved by University Council in its 5th meeting held on 20-12-2010, assented to by the Hon'ble Chancellor (H.E. the Governor, J&K) and the assent conveyed vide Dy. Secretary to Governor No. GS-3 (UCM-AUJ)/2011/1773 dated 14-06-2011 and in suppression of Notification No.09 (Est.) of 2011 dated: 18.04.2011, I, Dr. B. Mishra, Vice-Chancellor, SKUAST-J, in exercise of powers vested in me under Section 40 of SKUAST, Act, 1982 (Amended upto July, 2005), do hereby notify addition/amendment in SKUAST-Statutes as contained in the Annexure to this Notification.

This shall come to force with immediate effect.

Sd/-
(B.Mishra)
Vice-Chancellor

No. AUJ/Adm/11-12/4146-4218
Date: 08-07-2011

- Principal Secretary to Govt., Agriculture Production Department, Civil Secretariat, Jammu/Srinagar.
- Principal Secretary to Govt., Planning and Development Department, Civil Secretariat, Jammu/Srinagar.
- Principal Secretary to H.E. the Governor, J&K and Chancellor, SKUAST-Jammu for kind information of H.E. the Governor, J&K, Raj Bhawan, Srinagar
- Principal Secretary to Hon'ble Chief Minister of J&K and Pro-Chancellor, SKUAST-Jammu for the kind information of Hon'ble Chief Minister, J&K, Civil Secretariat, Jammu/Srinagar.
- Commissioner/Secretary to Govt. Finance Department (Financial Advisor, Universities), Civil Secretariat, Jammu/Srinagar.
- Secretary, ICAR, Krishi Bhawan, New Delhi
- Deputy Director General (Edn.), ICAR, Krishi Anushandhan Bhawan, PUSA, New Delhi
- All Officers of SKUAST-Jammu
- Registrar, SKUAST-Kashmir
- All Heads of Divisions/Research Stations/Sub Stations/KVKs
- All Deputy/Asstt. Registrars
- All Deputy/Asstt. Comptrollers
- SVC for kind information of Hon'ble Vice-Chancellor of SKUAST-Jammu
- SVC for kind information of Hon'ble Vice-Chancellor of SKUAST- Kashmir
- File concerned (w.3.s.c)


(B.B. Gupta)
Registrar

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**Annexure to University Notification No: 19(Est.) of 2011
dated: 08-07-2011**

**Schedule-IV to Chapter-III
(Miscellaneous cadres)**

Class	Category	Designation of the post	Minimum qualifications for direct recruitment	Method of recruitment	Composition of Selection Committee	
1	2	3	4	5	6	
II	1	Assistant Executive Engineer (Civil/ electric/ Refrigeration/ Auto-Mobile) (8000-13500) UGC Scale	(i) Bachelor Degree in Electrical or equivalent Degree. (ii) 3 years experience as Assistant Engineer in a Government Deptt./University /Corporation. or (ii) 5 years experience as Junior Engineer in a Government Deptt./University/Co rporation. or Ten years experience with diploma in Electrical Engineering.	i. 50% by direct recruitment ii. 50% by promotion from amongst Junior Engineers having at-least 5 years experience as Junior Engineer and equivalent	i. Vice - chancellor ii. One expert from outside to be nominated by the vice-Chancellor iii. One of the Directors (to be nominated by the Vice-Chancellor) iv. One representative of the State Govt not below the rank of Additional secretary to government (PWD/ PDD). v. Estates Officer vi. Registrar (Quorum of the committee shall be of 4 members)	Chairman Member Member Member Member Member Secretary

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8.7.11

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**Sher-e-Kashmir
University of Agricultural Sciences & Technology of Jammu
Chatha, Jammu -180009 (J&K)**

**Notification No: 18(Est.) of 2011
Dated: 08-07-2011**

As recommended by Board of Management in its 15th meeting held on 08-11-2010, approved by University Council in its 5th meeting held on 20-12-2010, assented to by the Hon'ble Chancellor (H.E. the Governor, J&K) and the assent conveyed vide Dy. Secretary to Governor No. GS-3 (UCM-AUJ)/2011/1773 dated 14-06-2011, I, Dr. B. Mishra, Vice-Chancellor, SKUAST-J, in exercise of powers vested in me under Section 40 of SKUAST, Act, 1982 (Amended upto July, 2005), do hereby notify addition/amendment in SKUAST-Statutes as contained in the Annexure to this Notification.

This shall come to force with immediate effect.

Sd/-
(B.Mishra)
Vice-Chancellor

No : AUJ/Adm/11-12/4135-45
Date : 08-07-2011

- Principal Secretary to Govt., Agriculture Production Department, Civil Secretariat, Jammu/Srinagar.
- Principal Secretary to Govt., Planning and Development Department, Civil Secretariat, Jammu/Srinagar.
- Principal Secretary to H.E. the Governor, J&K and Chancellor, SKUAST-Jammu for kind information of H.E. the Governor, J&K, Raj Bhawan, Srinagar
- Principal Secretary to Hon'ble Chief Minister of J&K and Pro-Chancellor, SKUAST-Jammu for the kind information of Hon'ble Chief Minister, J&K, Civil Secretariat, Jammu/Srinagar.
- Commissioner/Secretary to Govt. Finance Department (Financial Advisor, Universities), Civil Secretariat, Jammu/Srinagar.
- Secretary, ICAR, Krishi Bhawan, New Delhi
- Deputy Director General (Edn.), ICAR, Krishi Anushandhan Bhawan, PUSA, New Delhi
- All Officers of SKUAST-Jammu
- Registrar, SKUAST-Kashmir
- All Heads of Divisions/Research Stations/Sub Stations/KVKs
- All Deputy/Asstt. Registrars
- All Deputy/Asstt. Comptrollers
- SVC for kind information of Hon'ble Vice-Chancellor of SKUAST-Jammu
- SVC for kind information of Hon'ble Vice-Chancellor of SKUAST- Kashmir
- File concerned (w.3.s.c)

B.B. Gupta
(B.B. Gupta)
Registrar

Annexure to University Notification No: 18(Est) of 2011
dated: 08-07-2011

Schedule I to Chapter III
(General Administration Cadre)

Class II, Category 3 is added as under:

Class	Category	Designation of the post	Minimum qualifications for direct recruitment	Method of recruitment	Selection Committee	
1	2	3	4	5	6	
II	3	Assistant Registrar (Legal) ₹15600-39100 + G.P. ₹ 5400 (Revised)	<p>i. Bachelor's Degree in Law (3 years or 5 years integrated course) with minimum of 50 % marks or equivalent OGPA.</p> <p>ii. Candidate should have a minimum three years experience after enrollment with Bar Council as a practicing advocate or as a law officer in a Govt. Deptt./ University/Public Sector Organization/High Court /Autonomous Bodies /Organization of repute.</p>	Direct (By selection)	<p>i. Vice-Chancellor</p> <p>ii. 2 Members from outside University to be nominated by the Vice-Chancellor from amongst a panel of names approved by the Board</p> <p>iii. One of the Directors to be nominated by the Vice-Chancellor</p> <p>iv. One representative of the State Government not below the rank of Additional Secretary to Govt.</p> <p>v. Registrar (Quorum of the Committee shall be of four members with one expert from outside)</p>	<p>Chairman Members</p> <p>Member</p> <p>Member</p> <p>Member</p>

Signature
8.7.11

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Sher-e-Kashmir
University of Agricultural Sciences & Technology of Jammu
Chatha, Jammu -180009 (J&K)

Notification No: 17(Est.) of 2011
Dated: 08-07-2011

As recommended by Board of Management in its 15th meeting held on 08-11-2010, approved by University Council in its 5th meeting held on 20-12-2010, assented to by the Hon'ble Chancellor (H.E. the Governor, J&K) and the assent conveyed vide Dy. Secretary to Governor No. GS-3 (UCM-AUJ)/2011/1773 dated 14-06-2011, I, Dr. B. Mishra, Vice-Chancellor, SKUAST-J, in exercise of powers vested in me under Section 40 of SKUAST, Act, 1982 (Amended upto July, 2005), do hereby notify addition/amendment in SKUAST-Statutes as contained in the Annexure to this Notification.

This shall come to force with immediate effect.

Sd/-
(B.Mishra)
Vice-Chancellor

No: AUJ/Adm/11-12/4033-4092

Date: 08-07-2011

Cc:

- Principal Secretary to Govt., Agriculture Production Department, Civil Secretariat, Jammu/Srinagar.
- Principal Secretary to Govt., Planning and Development Department, Civil Secretariat, Jammu/Srinagar.
- Principal Secretary to H.E. the Governor, J&K and Chancellor, SKUAST-Jammu for kind information of H.E. the Governor, J&K, Raj Bhawan, Srinagar
- Principal Secretary to Hon'ble Chief Minister of J&K and Pro-Chancellor, SKUAST-Jammu for the kind information of Hon'ble Chief Minister, J&K, Civil Secretariat, Jammu/Srinagar.
- Commissioner/Secretary to Govt. Finance Department (Financial Advisor, Universities), Civil Secretariat, Jammu/Srinagar.
- Secretary, ICAR, Krishi Bhawan, New Delhi
- Deputy Director General (Edn.), ICAR, Krishi Anushandhan Bhawan, PUSA, New Delhi
- All Officers of SKUAST-Jammu
- Registrar, SKUAST-Kashmir
- All Heads of Divisions/Research Stations/Sub Stations/KVKs
- All Deputy/Asstt. Registrars
- All Deputy/Asstt. Comptrollers
- SVC for kind information of Hon'ble Vice-Chancellor of SKUAST-Jammu
- SVC for kind information of Hon'ble Vice-Chancellor of SKUAST- Kashmir
- File concerned (w.3.s.c)

B.B. Gupta
(B.B. Gupta)
Registrar

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Annexure to University Notification No: 17(Est.) of 2011
Dated: 08-07-2011

Chapter VI
Faculty Improvement Programme

Clause 40, is recasted as under:

Except as otherwise provided in this chapter, no teacher may be sponsored for masters degree by the University in case he/she has less than 5 years of total service and no teacher may be sponsored for doctoral programme in case he/she has less than five years of SKUAST-J service.

Note: Clause 40 may be relaxed by the Vice Chancellor where there may be immediate need of personnel with postgraduate training to strengthen any discipline or starting a new discipline provided the teacher considered fulfils other requirements laid down in this chapter.

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Sher-e-Kashmir
University of Agricultural Sciences & Technology of Jammu
Chatha, Jammu -180009 (J&K)

Notification No: 15(Est.) of 2011
Dated: 08-07-2011

As recommended by Board of Management in its 15th meeting held on 08-11-2010, approved by University Council in its 5th meeting held on 20-12-2010, assented to by the Hon'ble Chancellor (H.E. the Governor, J&K) and the assent conveyed vide Dy. Secretary to Governor No. GS-3 (UCM-AUJ)/2011/1773 dated 14-06-2011 I, Dr. B. Mishra, Vice-Chancellor, SKUAST-J, in exercise of powers vested in me under Section 40 of SKUAST, Act, 1982 (Amended upto July, 2005), do hereby notify addition/amendment in SKUAST-Statutes as contained in the Annexure to this Notification.

This shall come to force with immediate effect.

Sd/-
(B.Mishra)
Vice-Chancellor

No. AUJ/Adm/11-12/3889-3961

Date: 08-07-2011

Cc:

- Principal Secretary to Govt., Agriculture Production Department, Civil Secretariat, Jammu/Srinagar.
- Principal Secretary to Govt., Planning and Development Department, Civil Secretariat, Jammu/Srinagar.
- Principal Secretary to H.E. the Governor, J&K and Chancellor, SKUAST-Jammu for kind information of H.E. the Governor, J&K, Raj Bhawan, Srinagar
- Principal Secretary to Hon'ble Chief Minister of J&K and Pro-Chancellor, SKUAST-Jammu for the kind information of Hon'ble Chief Minister, J&K, Civil Secretariat, Jammu/Srinagar.
- Commissioner/Secretary to Govt. Finance Department (Financial Advisor, Universities), Civil Secretariat, Jammu/Srinagar.
- Secretary, ICAR, Krishi Bhawan, New Delhi
- Deputy Director General (Edn.), ICAR, Krishi Anushandhan Bhawan, PUSA, New Delhi
- All Officers of SKUAST-Jammu
- Registrar, SKUAST-Kashmir
- All Heads of Divisions/Research Stations/Sub Stations/KVKs
- All Deputy/Asstt. Registrars
- All Deputy/Asstt. Comptrollers
- SVC for kind information of Hon'ble Vice-Chancellor of SKUAST-Jammu
- SVC for kind information of Hon'ble Vice-Chancellor of SKUAST- Kashmir
- File concerned (w.3.s.c)

B.B. Gupta
08.7.11
(B.B. Gupta)
Registrar

**Annexure to University Notification No: 15(Est.) of 2011
dated: 08-07-2011**

**Schedule I to Chapter II
(Appointment of Officers and Teachers of the University)**

Note -ii under S.No. 8 deleted

Appointment of Officers and Teachers at S.No. 8 to above schedule would be read as under:

Sl. No	Designation of the post	Qualification for direct recruitment	Composition of Selection Committee	
8.	Associate Professor/ Senior Scientist/ Deputy Director Research/ Extension or equivalent (12000-18300) UGC Scale (Pre-revised)	Essential: i. Doctorate degree in the subject concerned. ii. 7 years experience of teaching and/ or research in the subject concerned out of which four years should be in the rank of Assistant Professor or equivalent. Desirable: Research Experience as evidenced by publications. Note: i. Requirement of professional degree shall be deemed as essential qualification for certain posts e.g agronomy/ horticulture/ veterinary sciences etc. to be specified by the University. ii. In case of candidates who hold post-graduate qualification in other subject/ discipline but have been working in the discipline concerned, additional two years of experience will be required over and above the minimum prescribed period.	i. Vice-Chancellor ii. 2 experts from outside the state to be nominated by the Vice-Chancellor from a panel approved by the Board iii. Director Resident Instruction-cum-Dean Post-graduate Studies iv. Director Research/ Extension Education (one of them to be nominated by the Vice-Chancellor, depending upon nature of the post to be filled up) v. One Representative of the State Government not below the rank of secretary to Govt. (Quorum of the Committee shall be of three members with one expert from outside)	Chairman Members Member Member

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**Sher-e-Kashmir
University of Agricultural Sciences & Technology of Jammu
Chatha, Jammu -180009 (J&K)**

**Notification No : 14(Est.) of 2011
Dated: 08-07-2011**

Sub: Direct recruitment for the post of Head Draftsman.

- Ref:** (i) 15th Meeting of BoM of SKUAST-Jammu held on 08-11-2010
(ii) 5th Meeting of University Council of SKUAST-Jammu held on 20-12-2010
(i) Assent of Hon'ble Chancellor (H.E. the Governor) conveyed by the Dy. Secretary to Governor vide No. GS-3(UCM-AUJ)/2011/1773 dated 14-06-2011

- Whereas, as per the class XIX, category 1 of Schedule-IV to Chapter-III of SKUAST-Statutes, the post of Head Draftsman is to filled up by promotion from amongst the eligible in-service Draftsman having 10 years of service in class-XX category 1 as Draftsman.

- Whereas, none of the University in-service Draftsmen at present is having 10 years of service to become eligible for promotion. There is an urgent need for Head Draftsman in view of ongoing construction works in the various constituent Units of the University.

- Whereas, keeping in view the urgent requirement of Head Draftsman in the University, an agenda for making direct recruitment to the post of Head Draftsman was placed before the Hon'ble Members of BoM in the 15th meeting of Board of Management and after deliberations, the matter was recommended to the University Council.

- Whereas, in the 5th University Council Meeting held on 20.12.2010, the matter was again deliberated upon threadbare and it was resolved that:

"The post of Head Draftsman may be filled up through Direct Recruitment process as one time exception. Also resolved that in case of non availability of suitable Head Draftsman through direct recruitment process, the University could consider engaging a retired Head Draftsman on contract basis or seek deputation from the State Government"

On the recommendation of Board of Management in its 15th meeting held on 08-11-2010, approved by University Council in its 5th meeting held on 20-12-2010 and assented to by Hon'ble Chancellor (H.E. the Governor, J&K), I, Dr. B. Mishra, Vice-Chancellor, SKUAST-J do hereby notify the filling up of the post of Head Draftsman through :

K.T.O

- (i) Direct Recruitment process as one time exception.
- (ii) In case of non availability of suitable Head Draftsman through direct recruitment process, the University could consider engaging a retired Head Draftsman on contract basis or seek deputation from the State Government.

This shall come to force with immediate effect.

Sd/-
(B.Mishra)
Vice-Chancellor

No. AUJ/Adm/11-12/3816-3888
Date: 08-07-2011

- Principal Secretary to Govt., Agriculture Production Department, Civil Secretariat, Jammu/Srinagar.
- Principal Secretary to Govt., Planning and Development Department, Civil Secretariat, Jammu/Srinagar.
- Principal Secretary to H.E. the Governor, J&K and Chancellor, SKUAST-Jammu for kind information of H.E. the Governor, J&K, Raj Bhawan, Srinagar.
- Principal Secretary to Hon'ble Chief Minister of J&K and Pro-Chancellor, SKUAST-Jammu for the kind information of Hon'ble Chief Minister, J&K, Civil Secretariat, Jammu/Srinagar.
- Commissioner/Secretary to Govt. Finance Department (Financial Advisor, Universities), Civil Secretariat, Jammu/Srinagar.
- Secretary, ICAR, Krishi Bhawan, New Delhi
- Deputy Director General (Edn.), ICAR, Krishi Anushandhan Bhawan, PUSA, New Delhi.
- All Officers of SKUAST-Jammu.
- Registrar, SKUAST-Kashmir.
- All Heads of Divisions/Research Stations/Sub Stations/KVKs.
- All Deputy/Asstt. Registrars.
- All Deputy/Asstt. Comptrollers.
- SVC for kind information of Hon'ble Vice-Chancellor of SKUAST-Jammu.
- SVC for kind information of Hon'ble Vice-Chancellor of SKUAST-Kashmir.
- File concerned (w.3.s.c)


(B.B. Gupta)
Registrar

(13)



**Sher-e-Kashmir
University of Agricultural Sciences & Technology of Jammu
Chatha, Jammu -180009 (J&K)**

**Notification No: 13(Est.) of 2011
Dated: 08-07-2011**

As recommended by Board of Management in its 15th meeting held on 08-11-2010, approved by University Council in its 5th meeting held on 20-12-2010, assented to by the Hon'ble Chancellor (H.E. the Governor, J&K) and the assent conveyed vide Dy. Secretary to Governor No. GS-3 (UCM-AUJ)/2011/1773 dated 14-06-2011, I, Dr. B. Mishra, Vice-Chancellor, SKUAST-J, in exercise of powers vested in me under Section 40 of SKUAST, Act, 1982 (Amended upto July, 2005), do hereby notify addition/amendment in SKUAST-Statutes as contained in the Annexure to this Notification.

This shall come to force with immediate effect.

Sd/-
(B.Mishra)
Vice-Chancellor

**No: AUJ/Adm/11-12/3743-3815
Date: 08-07-2011**

- Principal Secretary to Govt., Agriculture Production Department, Civil Secretariat, Jammu/Srinagar.
- Principal Secretary to Govt., Planning and Development Department, Civil Secretariat, Jammu/Srinagar.
- Principal Secretary to H.E. the Governor, J&K and Chancellor, SKUAST-Jammu for kind information of H.E. the Governor, J&K, Raj Bhawan, Srinagar.
- Principal Secretary to Hon'ble Chief Minister of J&K and Pro-Chancellor, SKUAST-Jammu for the kind information of Hon'ble Chief Minister, J&K, Civil Secretariat, Jammu/Srinagar.
- Commissioner/Secretary to Govt. Finance Department (Financial Advisor, Universities), Civil Secretariat, Jammu/Srinagar.
- Secretary, ICAR, Krishi Bhawan, New Delhi.
- Deputy Director General (Edn.), ICAR, Krishi Anushandhan Bhawan, PUSA, New Delhi.
- All Officers of SKUAST-Jammu.
- Registrar, SKUAST-Kashmir.
- All Heads of Divisions/Research Stations/Sub Stations/KVKs.
- All Deputy/Asstt. Registrars.
- All Deputy/Asstt. Comptrollers.
- SVC for kind information of Hon'ble Vice-Chancellor of SKUAST-Jammu.
- SVC for kind information of Hon'ble Vice-Chancellor of SKUAST- Kashmir.
- File concerned (w.3.s.c).

B.B. Gupta
5.7.11
(B.B. Gupta)
Registrar

**Annexure to University Notification No: 13(Est.) of 2011
dated: 08-07-2011**

**Schedule I to Chapter II
(Appointment of Officers and Teachers of the University)**

S.No. 9 –Qualification for direct recruitment (Assistant Professor/Junior Scientist or equivalent)

Item (i) recasted as under :

High second class (55% or higher percentage) in Master's degree or equivalent Postgraduate qualification in the concerned subject;

Item (ii) recasted as under :

Ph.D. degree in the subject concerned.

(Ph.D. is relaxable for candidates holding Post Graduation Degree in Veterinary Sciences).

Item (iii) added as under :

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Note below above mentioned S.No. 9

Note-i Deleted

Note-ii Recasted as under:

Discipline	Essential Qualification at Graduate level
A. Agriculture & allied Sciences	
Agronomy	B.Sc. Agriculture
Fruit Science, Vegetable Science, Floriculture and Landscaping, Food Science and Technology	B.Sc. Agriculture/ B.Sc. Horticulture
Entomology and Plant Pathology	B.Sc. Agriculture/ B.Sc. Horticulture/ B.Sc. with Biology
Soil Science	B.Sc. Agriculture/ B.Sc. Horticulture/ B.Sc. Forestry
Plant Breeding & Genetics	B.Sc. Agriculture /B.Sc. Bio Sciences
Biotechnology	B.Sc. Agriculture/B.Sc. Biotech./ B.Tech. Biotech./ B.Sc. Bio Sciences, B.Sc.
Sericulture	B.Sc. Agriculture /B.Sc. Sericulture/B.Sc. Bio Sciences
Agricultural Economics and Statistics	B.Sc. Agriculture/ B.Sc. Horticulture/ B.Sc. Forestry/B.Sc. with Statistics or Mathematics
Biochemistry and Plant Physiology	B.Sc. Agriculture/B.Sc. Horticulture /B.Sc. Bio Sciences
Agriculture Extension Education	B.Sc. Agriculture/ B.Sc. Horticulture/ B.Sc. Forestry/ B.Sc. Home Science
Forestry	B.Sc. Forestry/ B.Sc. Agriculture/ B.Sc. Horticulture
B. Vety. Sciences	
For all departments of Faculty of Veterinary Sciences	B.V.Sc. & A.H. or B.V.Sc

Note-iii –Deleted

Note-iv- Deleted

B. Singh
8.7.11



Sher-e-Kashmir
University of Agricultural Sciences & Technology of Jammu
Chatha, Jammu -180009 (J&K)

Notification No: 12(Est.) of 2011
Dated: 08-07-2011

As recommended by Board of Management in its 15th meeting held on 08-11-2010, approved by University Council in its 5th meeting held on 20-12-2010, assented to by the Hon'ble Chancellor (H.E. the Governor, J&K) and the assent conveyed vide Dy. Secretary to Governor No. GS-3 (UCM-AUJ)/2011/1773 dated 14-06-2011 and in suppression of Notification No.06 (Est.)of 2011 dated 05.04.2011, I, Dr. B. Mishra, Vice-Chancellor, SKUAST-J, in exercise of powers vested in me under Section 40 of SKUAST, Act, 1982 (Amended upto July, 2005), do hereby notify addition/amendment in SKUAST-Statutes as contained in the Annexure to this Notification.

This shall come to force with immediate effect.

Sd/-
(B.Mishra)
Vice-Chancellor

No : AUJ/Adm/11-12/3670-3742
Date : 08-07-2011

Cc:-

- Principal Secretary to Govt., Agriculture Production Department, Civil Secretariat, Jammu/Srinagar.
- Principal Secretary to Govt., Planning and Development Department, Civil Secretariat, Jammu/Srinagar.
- Principal Secretary to H.E. the Governor, J&K and Chancellor, SKUAST-Jammu for kind information of H.E. the Governor, J&K, Raj Bhawan, Srinagar
- Principal Secretary to Hon'ble Chief Minister of J&K and Pro-Chancellor, SKUAST-Jammu for the kind information of Hon'ble Chief Minister, J&K, Civil Secretariat, Jammu/Srinagar.
- Commissioner/Secretary to Govt. Finance Department (Financial Advisor, Universities), Civil Secretariat, Jammu/Srinagar.
- Secretary, ICAR, Krishi Bhawan, New Delhi
- Deputy Director General (Edn.), ICAR, Krishi Anushandhan Bhawan, PUSA, New Delhi
- All Officers of SKUAST-Jammu
- Registrar, SKUAST-Kashmir
- All Heads of Divisions/Research Stations/Sub Stations/KVKs
- All Deputy/Asstt. Registrars
- All Deputy/Asstt. Comptrollers
- SVC for kind information of Hon'ble Vice-Chancellor of SKUAST-Jammu
- SVC for kind information of Hon'ble Vice-Chancellor of SKUAST- Kashmir
- File concerned (w.3.s.c)

(Signature)
(B.B. Gupta)
Registrar

**Annexure to University Notification No: 12(Est.) of 2011
dated: 08-07-2011**

Schedule I to Chapter III (General Administration Cadre)

Class	Category	Designation of the post	Minimum qualifications for direct recruitment	Method of recruitment	Selection Committee	
1	2	3	4	5	6	
I	1	Deputy Registrar (Establishment) ₹15600-39100 + G.P. ₹7600	Essential Master's Degree with at least 55% and its equivalent grade along with five years of administrative experience as Assistant Registrar or in equivalent position. Desirable Good knowledge of education system/administration/recruitment prevailing in the Universities.	Direct (By Selection)	i. Vice-Chancellor ii. 2 experts from outside University to be nominated by the Vice-Chancellor from amongst a panel of names approved by the Board iii. One of the Directors to be nominated by the Vice-Chancellor iv. One representative of the State Government not below the rank of Secretary to Govt. v. Registrar (Quorum of the committee shall be of four members with one expert from outside)	Chairman Members Member Member Member

Class 1 Category 3 shall be added as under:

Class	Category	Designation of the post	Minimum qualifications for direct recruitment	Method of recruitment	Selection Committee	
1	2	3	4	5	6	
I	3	Deputy Registrar (Secrecy) ₹15600-39100 + G.P. ₹7600	Essential Master's Degree with at least 55% and its equivalent grade along with five years of administrative experience as Assistant Registrar or in equivalent position. Desirable Good knowledge of education system/administration/recruitment prevailing in the Universities.	Direct (By Selection)	i. Vice-Chancellor ii. 2 experts from outside University to be nominated by the Vice-Chancellor from amongst a panel of names approved by the Board iii. One of the Directors to be nominated by the Vice-Chancellor iv. One representative of the State Government not below the rank of Secretary to Govt. v. Registrar (Quorum of the committee shall be of four members with one expert from outside)	Chairman Members Member Member Member

B. S. Singh
8.7.11

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Sher-e-Kashmir
University of Agricultural Sciences & Technology of Jammu
Chatha, Jammu -180009 (J&K)

Notification No: 11(Est.) of 2011
Dated: 08-07-2011

As recommended by Board of Management in its 15th meeting held on 08-11-2010, approved by University Council in its 5th meeting held on 20-12-2010, assented to by the Hon'ble Chancellor (H.E. the Governor, J&K) and the assent conveyed vide Dy. Secretary to Governor No. GS-3 (UCM-AUJ)/2011/1773 dated 14-06-2011 and in suppression of Notification No.06 (Est.)of 2011 dated 05.04.2011, I, Dr. B. Mishra, Vice-Chancellor, SKUAST-J hereby notify the re-designation of the post of Sr. Scientist, Animal Nutrition from RARS Rajouri as Dy. Registrar (Secrecy) to be reallocated in the Office of the Registrar by corresponding reduction of the post of Sr. Scientist, Animal Nutrition, RARS, Rajouri.

Sd/-
(B.Mishra)
Vice-Chancellor

No: AUJ/Adm/11-12/3597-3669
Date : 08 -07-2011

Cc:-

- Principal Secretary to Govt., Agriculture Production Department, Civil Secretariat, Jammu/Srinagar.
- Principal Secretary to Govt., Planning and Development Department, Civil Secretariat, Jammu/Srinagar.
- Principal Secretary to H.E. the Governor, J&K and Chancellor, SKUAST-Jammu for kind information of H.E. the Governor, J&K, Raj Bhawan, Srinagar
- Principal Secretary to Hon'ble Chief Minister of J&K and Pro-Chancellor, SKUAST-Jammu for the kind information of Hon'ble Chief Minister, J&K, Civil Secretariat, Jammu/Srinagar.
- Commissioner/Secretary to Govt. Finance Department (Financial Advisor, Universities), Civil Secretariat, Jammu/Srinagar.
- Secretary, ICAR, Krishi Bhawan, New Delhi
- Deputy Director General (Edn.), ICAR, Krishi Anushandhan Bhawan, PUSA, New Delhi
- All Officers of SKUAST-Jammu
- Registrar, SKUAST-Kashmir
- All Heads of Divisions/Research Stations/Sub Stations/KVKs
- All Deputy/Asstt. Registrars
- All Deputy/Asstt. Comptrollers
- SVC for kind information of Hon'ble Vice-Chancellor of SKUAST-Jammu
- SVC for kind information of Hon'ble Vice-Chancellor of SKUAST- Kashmir
- File concerned (w.3.s.c)

B.B. Gupta
8.7.11
(B.B. Gupta)
Registrar



Sher-e-Kashmir
University of Agricultural Sciences & Technology of Jammu
 Chatha, Jammu - 180009 (J&K)

Notification No. 9 (Est.) of 2011
Dated: 18-04-2011

Sub: Qualification for the post of Assistant Executive Engineer (Civil/Electrical)

Ref.: (i) 15th Meeting of BoM of SKUAST-Jammu held on 08-11-2010
 (ii) 5th Meeting of University Council of SKUAST-Jammu held on 20-12-2010

As recommended by Board of Management in its 15th meeting held on 08-11-2010 and approved by University Council in its 5th meeting held on 20-12-2010, Competent Authority notify the amendment in SKUAST-Statutes Schedule IV to Chapter III (Miscellaneous Cadres) Class II, Category-1 for adoption of qualifications for the post of Assistant Executive Engineer (Civil/Electrical) as per Annexure-A.

This shall come to force with immediate effect.

By order

Sd/-
Vice-Chancellor

No. AUJ/Adm/11-12/854-924
 Date: 18-04-2011

C.C.:

- Principal Secretary to Govt., Agriculture Production Department, Civil Secretariat, Jammu
- Principal Secretary to Govt., Planning and Development Department, Civil Secretariat, Jammu
- Principal Secretary to H.E. the Governor, J&K and Chancellor, SKUAST-Jammu for kind information of H.E. the Governor, J&K
- Principal Secretary to Hon'ble Chief Minister of J&K and Pro-Chancellor, SKUAST-Jammu for the kind information of Hon'ble Chief Minister, J&K.
- Commissioner/Secretary to Govt. Finance Department, Civil Secretariat, Jammu.
- Secretary, ICAR, Krishi Bhawan, New Delhi
- Deputy Director General (Edn.), ICAR, Krishi Anushandhan Bhawan, PUSA, New Delhi
- All Officers of SKUAST-Jammu

K.T.O

OK

Annexure-'A' to Notification No. 9 (Est.) of 2011 dated: 18-04-2011

Schedule IV to Chapter III (Miscellaneous Cadres) Class II, Category-1

Qualification	
Assistant Executive Engineer (Civil/Electrical)	(i) Bachelor Degree in Civil/ Electrical or equivalent Degree. (ii) 3 years experience as Assistant Engineer in a Government Deptt./University /Corporation. or (ii) 5 years experience as Junior Engineer in a Government Deptt./University/Corporation. or Ten years experience with diploma in Civil/Electrical Engineering.

M.S.

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**Sher-e-Kashmir
University of Agricultural Sciences & Technology of Jammu
Chatha, Jammu -180009 (J&K)**

**Notification No. 06 (Est.) of 2011
Dated: 05-04-2011**

- Sub: I. Conversion of one post of Sr. Scientist, Animal Nutrition, RARS Rajouri to Deputy Registrar (Secrecy).**
II. Mode of recruitment and qualification for the posts of Deputy Registrar (Secrecy) and Deputy Registrar (Establishment).

- Ref: I) 15th Meeting of BoM of SKUAST-Jammu held on 08-11-2010
 II) 5th Meeting of University Council of SKUAST-Jammu held on 20-12-2010**

As recommended by Board of Management in its 15th meeting held on 08-11-2010 and approved by University Council in its 5th meeting held on 20-12-2010, the Competent Authority hereby notify the conversion of one post of Sr. Scientist, RARS, Rajouri to Deputy Registrar, Secrecy to be placed in Registry.

Further, Competent Authority also notify the amendment in SKUAST-Statutes Schedule I to Chapter III (General Administration Cadre) Class I, Category-1 for adoption of qualifications and method of recruitment for the post of Deputy Registrar (Secrecy) and Deputy Registrar (Establishment) as per Annexure-A.

This shall come to force with immediate effect.

By order

Sd/-
Vice-Chancellor

No. AUJ/Adm/11-12/03-83
Date: 05-04-2011

- C.C:**
- Principal Secretary to Govt., Agriculture Production Department, Civil Secretariat, Jammu
 - Principal Secretary to Govt., Planning and Development Department, Civil Secretariat, Jammu
 - Principal Secretary to H.E. the Governor, J&K and Chancellor, SKUAST-Jammu for kind information of H.E. the Governor, J&K
 - Principal Secretary to Hon'ble Chief Minister of J&K and Pro-Chancellor, SKUAST-Jammu for the kind information of Hon'ble Chief Minister, J&K.

AK

K.T.O

- Commissioner/Secretary to Govt. Finance Department, Civil Secretariat, Jammu.
- Secretary, ICAR, Krishi Bhawan, New Delhi
- Deputy Director General (Edn.), ICAR, Krishi Anushandhan Bhawan, PUSA, New Delhi
- All Officers of SKUAST-Jammu
- Registrar, SKUAST-Kashmir
- All Heads of Divisions/Research Stations/Sub Stations/KVKs
- All Deputy/Asstt. Registrars
- All Deputy/Asstt. Comptrollers
- SVC for kind information of the Hon'ble Vice-Chancellor of SKUAST-Jammu
- SVC, SKUAST-K for kind information of the Hon'ble Vice-Chancellor of SKUAST- Kashmir
- File concerned (w.3.s.c)

Abdul
5/4/2011
Registrar

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Annexure-'A' to Notification No. 06(Est.) of 2011 dated: 05-04-2011

Schedule I to Chapter III (General Administration Cadre), Class I,
Category 1

S. No	Post and Pay Band	Method of Recruitment	Qualification	Composition of the Selection committee
1	Deputy Registrar (Secrecy) ₹15600-39100 + G.P. ₹7600	Direct (By Selection)	<u>Essential</u> Master's Degree with at least 55% of the marks or its equivalent grade along with five years of administrative experience as Assistant Registrar or in equivalent position. <u>Desirable</u> Good knowledge of education system/ administration/ recruitment prevailing in the Universities.	Same as prescribed in SKUAST Statutes
2.	Deputy Registrar (Establishment) ₹15600-39100 + G.P. ₹7600	Direct (By selection)	<u>Essential</u> Master's Degree with at least 55% of the marks or its equivalent grade along with five years of administrative experience as Assistant Registrar or in equivalent post <u>Desirable</u> Good knowledge of administration, recruitment and establishment prevailing in the Universities.	Same as prescribed in SKUAST Statutes

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Sher-e-Kashmir
University of Agricultural Sciences & Technology of Jammu
Chatha, Jammu -180009 (J&K)

Notification No. 03 of 2011
Dated: 15 -02-2011

As recommended by the Board of Management in its 15th meeting on 08-11-2010 and approved by the University Council in its 5th meeting held on 20-12-2010, additions/amendments to SKUAST Statutes as contained in the Annexure-A to this Notification are hereby notified.

This shall come into force with immediate effect.

By order.

Sd/-
Vice-Chancellor

No.:- AUJ/Adm/10-11/12643-12713
Date: 15-02-2011

C.C:-

- Principal Secretary to Govt., Agriculture Production Deptt., J&K Govt., Civil Sectt., Jammu
- Principal Secretary to Govt., Planning & Development Deptt., J&K Govt., Civil Sectt., Jammu
- Principal Secretary to Governor for kind information of H.E. the Governor, J&K and Chancellor, SKUAST-J, Raj Bhawan, Jammu
- Commissioner/ Secretary to Govt., Finance Deptt., J&K Govt., Civil Sectt., Jammu
- Secretary, ICAR, Krishi Bhawan, New Delhi
- Dy. Director General (Edn.), ICAR, Krishi Anusandhan Bhawan, PUSA, New Delhi.
- All Officers of the University
- Dean, FoA, Chatha/F.V.Sc. & A.H., R.S.Pura
- All Heads of Divisions/Regional Research Stations/Sub-Stations/KVKs of SKUAST-J
- All Deputy/Asstt. Registrars of SKUAST-J
- All Deputy/Asstt. Comptrollers of SKUAST-J
- SVC for kind information of Hon'ble Vice-Chancellor.
- File concerned (w.3.s.c)

Bhargava
15/2
Registrar

SCHEDULE II TO CHAPTER IX

Delegation of Financial Powers to the Officers and Employees of the University

All the contents of S.No. 37 & 40 below of Schedule II to Chapter IX (Delegation of Financial Powers to the Officers and Employees of the University) should be replaced and read as:

S.No.	Nature of Power	To whom delegated	Extent
1	2	3	4
37.	To accord technical sanction to detailed estimates of cost of original works or parts thereof including special repairs, renovation, additions or alternations and improvements not chargeable to maintenance	Estates Officer	Full powers after approval by Works Committee or the University to the detailed estimates of the University works.
40.	To accord administrative approval for execution of works.	Vice-Chancellor	Full powers

(Signature)



(107) Sher-e-Kashmir
University of Agricultural Sciences & Technology of Jammu
Registrar's Office, Administrative Building, Main Campus, Chatha

Subject: Addition/Amendment to SKUAST Statutes

Notification No: 03 of 2009
D a t e d: 23-10-2009

As recommended by the Board of Management in its 12th Meeting and approved by the University Council in its 3rd Meeting and assented to by the Hon'ble Chancellor, (H.E. the Governor, J&K) I, Prof. B. Mishra, Vice-Chancellor, SKUAST-Jammu hereby notify the addition/amendment to SKUAST Statutes as contained in the Annexure A, to this Notification.

This shall come into force with immediate effect.

By order

Sd/-
(Prof. B. Mishra)
Vice-Chancellor

No: AUJ/Adm/09-10/5705-79
Dt: 23-10-2009

Copy to the:

- Principal Secretary, Agriculture Production Department, GoJK, Civil Secretariat, Srinagar/Jammu.
- Commissioner Secretary, Planning & Development Department, Go JK, Civil Secretariat, Srinagar/Jammu.
- Commissioner/Secretary, Finance Department, GoJK, Civil Secretariat, Srinagar/Jammu.
- Secretary ICAR, Krishi Bhawan, New Delhi.
- Secretary, University Grants Commission, Bahardur Shah Zafar Marg, New Delhi.
- Deputy Director General (Education), ICAR, Krishi Anusandhan Bhawan, Pusa, New Delhi.
- Pvt. Secretary to Governor for kind information of His Excellency, the Governor, J&K (Chancellor, SKUAST-J), Rajbhawan, Srinagar/Jammu.
- All officers of SKUAST-J.
- All Heads of Divisions/Regional Research Stations/Sub-Stations/KVKs of SKUAST-J.
- All Deputy/Asstt. Registrars of SKUAST-J.
- All Deputy/Asstt. Comptrollers of SKUAST-J.
- Secretary to Vice-Chancellor for kind information of the Hon'ble Vice-Chancellor.
- File concerned (w.3.s.c.)

R.K. Sharma
23/10/09
(R.K. Sharma)
Registrar

o/c

**Schedule I to Chapter II
(Appointment of Officers and Teachers of the University)**

A) The following shall be added as S.No. 04 below Schedule I to Chapter II (Appointment of Officers and Teachers of University) to the SKUAST Statutes;

S.No.	Designation of the Post	Qualification for direct recruitment	Composition of selection Committee
04	Dean, Subject Matter Faculties (Pay Band of Rs. 37,400-67,000 with Academic Grade Pay of Rs. 10,000) + Rs. 400/- Special pay	<p><u>Essential</u></p> <p>i. Doctorate degree in any discipline/subject of the concerned faculty</p> <p>ii. 15 years experience of Teaching & Research of which 07 years should be in the rank of Professor or equivalent in an Agricultural/Veterinary University/Research Institution</p> <p><u>Desirable</u></p> <p>i. Evidence of Leadership & outstanding achievements in teaching & Research.</p> <p>ii. Good knowledge of modern agricultural/Veterinary educational system</p>	<p>i. Vice-Chancellor</p> <p>ii. 03 experts with experience of working in scientific/educational institution in administrative capacity not below the rank of Director/Dean from outside the State to be nominated by the Vice Chancellor from a panel approved by the Board</p> <p>iii. A representative of the State Govt. not below the rank of Secretary to Government. (Quorum of the Committee shall be of 3 members with one expert from outside)</p>
			<p>Chairman Member</p> <p>Member</p>

B) S.No. 4 to 14 below Schedule I to Chapter II (Appointment of Officers and Teachers of the University) shall be renumbered as S.No. 05 to 15 in the SKUAST Statutes.

Amul



**Sher-e-Kashmir
University of Agricultural Sciences & Technology of
Jammu (J&K)**