

List of On-going Externally Funded Adhoc /AICRP Projects till Sept.,2018-

S.No.	Title	P.I.	Budget	Funding Agency	Date of Start
Department of Bio-Technology (DBT)=17					
1.	Isolation, identification and characterization of plant viruses affecting solanaceous crops in different agro climatic zones of Jammu region	Dr. Ranbir Singh,	51.97	DBT, New Delhi	Aug,2015
2.	Expression profiling of dof genes for accumulation of seed storage protein and nitrogen profiling in beans (Rajmash)	Dr. Moni Gupta	40.11	DBT, New Delhi	Aug, 2015
3.	Exploration of respiratory meta-genome of small ruminants and establishment of referral diagnostic facility	Dr. Anil Taku	14.37	DBT, New Delhi	April, 2015
4.	Development of semi-dwarf blast and bacterial blight resistant version of Ranbir Basmati by marker assisted backcross breeding	Dr. R.K. Salgotra	60.2	DBT, New Delhi	June, 2015
5.	Genetic dissection of heat tolerance in wheat using multiple bi-parental RIL mapping populations	Dr. Bikram Singh	130.52	DBT, New Delhi	June, 2015
6.	Economic empowerment of rural goat farmers through scientific intervention in block R.S. Pura of Jammu Division	Dr. J.S. Soodan	24.16	DBT, New Delhi	June, 2015
7.	SSR based Germplasm characterization for resistance to powdery mildew in cucumber (<i>Cucumis sativus</i> L.)	Dr. Susheel Sharma	32.53	DBT, New Delhi	June, 2015
8.	Exploitation of existing bio-diversity for sustainability and farm profitability under rainfed agriculture	Dr. Meenakshi Gupta	24.53	DBT, New Delhi	2015
9.	Community based mass production for bio-agents in J&K: Popularization of low cost technology for agri entrepreneurship through farm based bio-control units	Dr. R.K. Gupta	31.86	DBT, New Delhi	Dec., 2015
10.	Hydroponically grown fodder for sustainable livestock production and farm profit	Dr. R.K.Sharma	40.0	DBT, New Delhi	Jan,2017
11.	Molecular Characterization of <i>Dichelobacter nodosus</i> and development of recombinant vaccine against ovine foot rot	Mohd .Altaf Bhat	39.07	DBT, New Delhi	June,2017
12.	Molecular marker assisted pyramiding of white rust resistance genes AcB1-A4.1 and AcB1-A5.1 in <i>Brassica juncea</i> cultivar RSPR-01 recommended in Jammu and Kashmir	Dr. Manmohan Sharma	46.89	DBT, New Delhi	Oct.,2017
13.	Synthesis, characterization and evaluation of ciprofloxacin and gentamycin loaded solid lipid chitisan composite Nanoparticles	Dr. Neelesh Sharma	5703200	DBT, New Delhi	Feb.,2018

	for the treatments of mastitis in dairy animals				
14.	Endometrial cytology and histopathological evaluations in repeat breeding crossbred cows	Dr.A.K. Pandey	8.00	DBT, New Delhi	11th April,2018
15.	Isolation and identification of phosphate solubilizing and diazotrophic bacteria in rhizosphere soil of rice in Jammu districts	Dr.Renu Gupta,Asstt. Prof.	8.00	DBT, New Delhi	16th July,2018
16.	Establishment of goat mammary epithelial/stem cell lines for the production of pharmaceutical interest proteins	Dr.Neelesh Sharma,	50.52	DBT, New Delhi	10 th Aug.,2018
17.	Gujjar and Bakarwal women empowerment through improved managerial practices in Livestock rearing and awareness in Aspects of personal health, hygiene and sanitation	Dr. JafrinAra Ahmed		DBT, New Delhi	July,2018

Department of Science and Technology =19

1.	Molecular marker assisted selection of powdery mildew resistance genes into the elite cultivars of pea (<i>Pisumsativum</i> L.)-SERB	Dr. Susheel Sharma	19	DST, New Delhi	May,2014
2.	Molecular marker assisted introgression and validation of blast resistance genes in the rice cultivar K 343 recommendation for the hill zone of Jammu and Kashmir	Dr. Manmohan Sharma	30.29	DST, New Delhi	Dec.,2014
3.	Demonstration of techniques for improving productivity of rainfed areas in Jammu district	Dr. R.K. Srivastava	59.36	DST, New Delhi	October, 2015
4.	Genome wide analysis of small c-terminally encoded peptide (CEP) multigene family and elucidating its role in abiotic stress tolerance in rice (<i>Oryza sativa</i> L.)	Dr. Sumita Kumari	6.2	SERB, New Delhi	Aug, 2015
5.	Technological interventions to improve production of dairy and poultry in rainfed areas of Jammu district	Dr.Rajesh Katoch	39.74	DST, New Delhi	June,2016
6.	Estimation and Evaluation of anti-microbial residues in foods of animal origin in Jammu region and their impact on human health	Dr.Mudasir Sultana	63.00	DST, New Delhi	June,2016
7.	Diagnosis and interventional strategies for prevention and control of common parasitic zoonoses of livestock and their rears belonging to schedule caste and schedule tribe population for socio-economic upliftment.	Dr. Modh. Rashid	10.2	DST, New Delhi	Oct.,2016
8.	Rural Women Technology Park in Deoli Village, Bishnah Block, Jammu District, J&K State (Technological interventions in clean meat, milk, fish production and socio economic empowerment of rural women through training's on value added livestock products)	Dr Arvind Kumar Div. Livestock Products Technology	43.33	DST, New Delhi	Dec.,2016

9.	Assessment of impact of thermal stress on dairy animals of Jammu region and designing low-cost input managerial interventions for its amelioration	Dr. Dipanjali Kanwar	58.00	DST, New Delhi	Jan.,2017
10.	Synthesis of new gene pool following introgression of disease resistance and drought tolerance genes from secondary(<i>Phaseolus coccineus</i> L.) and tertiary (<i>Phaseolus acutifolius</i> L.) gene pools into cultivated <i>Phaseolus vulgans</i> L.	Dr. Sanjeev kumar	40.00	SERB, New Delhi	March,2017
11.	Enhancement of Livelihood Security among Livestock rearers through Technological Interventions	Dr.Ravleen Kour, M.V.Sc.,student	21.4	Women Scientist Scheme-B,DST	June,2017
12.	Networking project on “Revival of village ponds through scientific interventions” under the theme managing water cycle including, rain water storage for sustain water productivity in plains	Dr.Vivak M.Arya, Assistant Professor, Div. of Soil Science, FOA	28.82	DST, New Delhi	June,2017
13.	Identification of casual SNP's in promoter sequence of CO-5 and development of functional gene based markers for Anthracnose resistance in common bean(<i>Phaseolus vulgaris</i> L.) Indo-Mexico	Dr. R. K. Salgotra School of Biotechnology	20.59	DST, New Delhi	Aug.,2017
14.	Identification of candidate genes associated with drought-stress response and tolerance in rice by high-throughput sequencing	Dr.Mehak Gupta,PDF, School of Biotechnology	19.20	DST-SERB	May,2017
15.	Technological development of functional foods for life style disease prevention and its entrepreneurial promotion among farming community in J&K	Dr. Arvind Kumar Div. Livestock Products Technology	22.98	DST, New Delhi	Oct.,2017
16.	Funds for Improvement of S&T Infrastructure (FIST)	Dr. R. K. Salgotra School of Biotechnology	30.25	DST, New Delhi	Nov.,2017
17.	Transcriptome analysis, gene annotation and mining of golder herb(<i>Allium sativum</i> L.) expressing resistance to destructive purple blotch (<i>Alternaria porri</i>)	Dr. Aeja A. Dar	9.60	DST-SERB PDF Scheme	Oct.,2017
18.	Studies on Iodine deficiency in Livestock & its management	Dr. Rajeev Singh	29.00	DST, New Delhi	24th April,2018
19.	Funds for Improvement of S&T Infrastructure (FIST)	Dr. Rajeev Singh	73.00	DST, New Delhi	April,2018
Ministry of Human Resource Development (MHRD)=1					
1.	All India Survey on Higher Education	Dr. S.E.H.	Nil	MHRD	2011

	(AISHE)	Rizvi			
Rashtriya Krishi Vikas Yojna (RKVY)=12					
1.	Commercial sustainable flower production in Jammu province through dissemination of crop production & protection technologies	Dr.Shahid Ahamad, ADR	10.0	RKVY	2017
2.	Commercial vegetable seed and seedlings production for remunerative farming	Dr.Sanjeev Kumar	1	RKVY	2017
3.	Livestock management for health and higher productivity	Dr. R.K. Sharma	1	RKVY	2017
4.	Farm mechanization for reducing cost of production and productivity enhancement	Dr.Satish Sharma	5	RKVY	2017
5.	Live stock management for health and higher productivity.	Dr.Rajeev Singh, ILFC, R.S.Pura			2017-20
6.	Large scale demonstrations on bio-pesticides for eco-friendly management of high value crops	Dr.S.K.Singh	2	RKVY	2017
7.	Organic seed production entrepreneurship in cash crops	Dr.Satesh Kumar	2	RKVY	2017
8.	<i>In situ</i> moisture conservation for higher maize production under rainfed conditions	Dr.Rohit Kumar Sharma	1.2	RKVY	2017
9.	Development of organic production package for high value and cash crops	Dr. Vikas Sharma	3.0	RKVY	2017
10.	Entrepreneurship development in organic farming for sustainable livelihood security of small & marginal farmers	Dr. N.Panotra	15.05	RKVY	2017
11.	Composting Technology for farm waste Management and Nutrient re-cycling	Dr.Balbir Dhotra	6.0	RKVY	2017
12.	Seed Fair to promote climate Resilient varieties in Jammu division.	Dr.B.N.Singh	2.0	RKVY	2017
National Bank For Agriculture and Rural Development (NABARD)=5					
1.	Promotion of vermi-composting and vermi-wash as a Venture for the up-liftment of socio-economic status of the rural youth district Jammu and Samba	Dr. Pardeep Kumar Rai,	9.53	NABARD	January, 2016
2.	Scientific intervention for validation and popularization of traps intensive insect pest management in vegetable growing areas of Jammu region	Dr. Devinder Sharma	8.58	NABARD	January, 2016
3.	Training and demonstration of Leaf Color Chart (LCC) based fertilizer N management to farmers under Climate Smart Agriculture Practices (CSAP)	Dr. Vivak M. Arya,	9.859	NABARD	January, 2016
4.	Production and demonstration of quality planting material of commercially important medicinal trees for livelihood security	Dr. Punit Choudhary	10.97	NABARD	January, 2016
5.	Setting of Spawn production	Dr.	10.00	NABARD	2015

		AmrishVaid			
National Food Security Mission(NFSM)=1					
1.	Creation of seed hubs for increasing indigenous production of pulses in India	Dr. B.S. Jamwal (Nodal Officer)	150.00	NFSM Cell	2017
SMAM (Sub-Mission on Agricultural Mechanization)=1 Director(M&T),Ministry of Agriculture and Farmer welfare, Department of Agriculture, Cooperation and Farmer Welfare, KrishiBhawan , New Delhi					
1.	Promotion and Strengthening of Agricultural mechanization through Training,Testing and Demonstration	Dr.Sushil Sharma	150.00	SMAM	Sept.,2017
National Mission for Sustainable Agriculture (NMSA)=1					
1.	Updation of District Agriculture Contingency Plan	Dr.Abhijeet Samanta	3.00	NMSA	Feb.,2017
Defense R & D Establishment, Ministry of Defence, Jhansi Road, Gwalior=1					
1.	Screening of suspected animal samples for the presence of <i>Coxiellaburnetii</i> (DRDE)	Dr. H.K. Sharma	5.95	Defense R & D Establishment	April, 2015 April, 2015
Department of Atomic Energy(DAE),Board of Research in Nuclear Sciences (BRNS)=2					
1.	Induction of Anthracnose resistant mutants in locally adopted genotypes of Rajmash (<i>Phaseolus vulgaris</i> L.)	Dr. Sanjeev Kumar	29.80	DAE-BRNS	Aug.,2017
2.	Development of bacterial blight resistant mutants of locally cultivated Basmati-370 of Jammu region	Dr. Praveen Singh	33.54	BARC, Trombey, Mumbai	21 st June,2018
Directorate of Agriculture, Talab Tillo, Jammu=1					
1.	Centre of Excellence in Vegetables	Dr.R.K.Gupta, Vegetable Science	100	Directorate of Agriculture	Jan.,2017
ICAR funded projects under NAIP, Mega Seed Project, NICRA etc. (All long Term)=13					
1.	Seed Production in Agricultural Crops	Dr. Pradeep Bal	10 27 289 (2015-2016)	Directorate of Seed Research (ICAR)	2010
2.	National Initiative on Climate Resilient Agriculture (AICRPAM-NICRA)	Dr. Mahender Singh	20.57	CRIDA (ICAR), Hyderabad	2011
3.	National Initiative on Climate Resilient Agriculture, AICRPDA-NICRA-Component-II	Dr. A.P.Singh	12.3	CRIDA (ICAR), Hyderabad	2011
4.	National Initiative on Climate Resilient Agriculture (AICRP)	Dr. AmrishVaid	Yearly variable	CRIDA (ICAR), Hyderabad	2012
5.	Climate change on lac crop performance (NICRA)	Dr. R. K. Gupta	4	IINRG (ICAR) Ranchi	2012
6.	Veterinary Type Culture Collection (VTCC) Network Centre	Dr. Anil Taku	5	NCRE (ICAR) Hisar	2012
7.	Soil erosion mitigation and carbon sequestration potential of climate resilient agriculture practices in foothill shivaliks of Jammu province	Dr.Vikas Sharma	41.75	NICRA	2016

8.	Exploring economic opportunities for farmers of kandi villages through application of proven rainfed technologies	Dr.R.K. Arora	16.77	ICAR	Jan.,2017
9.	Development of sensitive and specific diagnostic assay for the detection of warble fly infestation in goats and eradication of disease from Jammu and Kashmir	Dr.AnishYadav , Div. of Veterinay Parasitology	250.00	ICAR	June,2017
10.	NICRA-Strategic Research, Bhaderwah	Dr.Rohit Sharma, AP	1.60	ICAR-CITH Centre-RHRSS, Bhaderwah)	Sept.,2017
11.	NICRA-Strategic Research, Basoli	Dr. Vivek M. Arya, (Centre-Kathua)	1.60	ICAR-CITH	Sept.,2017
12.	Attracting and Retaining Youth in Agriculture (ARYA)	Dr. Amrish Vaid	30.00	ATARI, Ludhiana	2017
13.	Organic Training Centre, Talwara	Dr. R.K.Arora /Dr Banarasi Lal	5.00	ICAR	2017
Indian Meteorological Department=1					
1.	Forecasting Agricultural Output using Space, Agrometerology and Land based observations (FASAL), Jammu	Dr. Mahender Singh	Dr. Mahendersingh (1st year)	IMD (MOES), New Delhi	2011
NHB (National Horticulture Board)=1					
1.	Establishment of mother plant nurseries for high pedigree plant material for fruit crops	Dr. V. K. Wali	43	NHB, Gurgaon	2012
National Mission on Himalayan Studies(NMHS)=1					
1.	Availability, utilization and digital document of non-timber bio-resource for sustainable rural livelihood and decision support systems of rural households in Northwest Himalayas	Dr.Rakesh Nanda	49	NMHS, Ministry of Forest Environment	24th April,2018
J&K STATE GOVT. UNDER PLAN FUNDS (STF)=1					
1.	Development of molecular laboratory for analysis of purity of germplasm of basmati rice and other seeds	Dr. R. K. Salgotra	196	J&K State Govt. under Special Task Force	2013-18
Networking Projects (Long Term)=8					
1.	Conservation of Lac Insect Genetic Resources	Dr. R.K. Gupta	53.93	ICAR, New Delhi	June,2014
2.	Outreach Programme on Zoonotic Disease	Dr.M.A. Malik	55	IVRI (ICAR), IzatNagar, Bareilly.	Feb.,2015
3.	Integrated Agro Advisory Services (Jammu)	Dr. Mahender Singh	As per requirement /yr 100 % funded by IMD	IMD(Ministry of Earth Sciences), New Delhi	1995
4.	Agro Advisory Services (Rajouri) mid to high intermediate zone of J&K (Gramin Krishi Mausam Sewa)	Dr. Rohit Sharma ,T.O.	As per requirement /yr 100 %	IMD (Ministry of Earth Sciences),	2007

			funded by IMD	New Delhi	
5.	Livelihood opportunities through agro-technological interventions of tribal communities of Budhal Block	Dr.Arvind Ishwar	41.00	ICAR, New Delhi	2014
6.	Biotic Stress management in wheat triple Rust	Dr. Tuhina Dey	11.00	IWBR(ICAR) Karnal	2013
7.	Animal Genetic Resource on Poonchi Chicken	Dr. Dharendra Kumar	28.00	ICAR-NBAGR, Karnal	Dec.,2017
8.	Network project on outreach of technologies for temperate fruit crops	Dr. Mahital Jamwal	5.00	CITH (ICAR), Srinagar	2009
Ministry of Human Resource Development (MHRD), Department of Higher Education=1					
1.	Unnat Bharat Abhiyan	Dr.R.K.Arora	1.75	MHRD	27 th March, 2018
AICRP (Main Centre's)=10					
1.	All India Co-ordinated Rice Improvement Project, Chatha	Dr. Anil Gupta	75:25(ICA R:State)	IIRR, (ICAR) Hyderabad IIRR, (ICAR) Hyderabad	1998
2.	All India Co-ordinated Project on Wheat and Barley, Chatha	Dr. Tuhina Dey	75:25 (ICAR: State)	IWBR (ICAR) Karnal	2002
3.	All India Co-ordinated Research Project on Dryland Research	Dr. A P Singh	75:25(ICA R:State)	CRIDA (ICAR), Hyderabad	1972
4.	All India Co-ordinated Research Project on Integrated Farming System, Chatha	Dr. N.P. Thakur	75:25(ICA R:State)	PDFSR (ICAR), Modipuram	1982
5.	All India Co-ordinated Research Project on Water Management, Chatha	Dr. A.K. Raina	75:25(ICA R:State)	DWM (ICAR) Bhuneswar	1984
6.	All India Co-ordinated Research Project on Chickpea	Dr. B.S. Jamwal	100 % ICAR	IIPR (ICAR) Kanpur	1995
7.	All India Co-ordinated Research Project on Agrometeorology, Chatha	Dr. Mahender Singh	75:25(ICA R:State)	DRMR (ICAR) Bharatpur	2009
8.	All India Co-ordinated Research Project on Rapeseed and Mustard, Chatha	Dr. S.K. Rai	75:25(ICA R:State)	CRIDA (ICAR), Hyderabad	1998
9.	All India Co-ordinated Research Project on Weed Management	Dr. B.R. Bazaya	75:25(ICA R:State)	DWSR (ICAR) Jabalpur	2015
10.	All India Co-ordinated Research Project on Honeybee and Pollinators	Dr. Devender Sharma	75:25 (ICAR:State)	IARI (ICAR) New Delhi	2015
AICRP (Voluntary Centre's) (Long Term)=11					
1.	All India Co-ordinated Research Project on Vegetables	Dr R. K. Samnotra	1.0	IIVR, Varanasi	2005
2.	All India Co-ordinated Project on Wheat and Barley, Rajouri	I/C RARS, Rajouri	0.2	IWBR (ICAR),Karnal	1998
3.	All India Co-ordinated Rice Improvement	I/C RARS,	0.2	IIRR, (ICAR)	2005

	Project, Rajouri	Rajouri		Hyderabad	
4.	All India Co-ordinated Research Project on Linseed	Dr. D.P. Abrol	0.2	CSAUAST, AICRP's Linseed, Kanpur.	2009
5.	Coordinating Centre under AICRP on Agroforestry	Head, Div. of Agroforestry	1.0	ICAR, CARI, Jhansi	2015
6.	All India Co-ordinated Maize Improvement Project, Maize	I/C RARS, Rajouri	0.6	IIMR (ICAR) New Delhi	2005
7.	All India Co-ordinated Maize Improvement Project, Maize	Dr Praveen Singh		IIMR (ICAR) New Delhi	2012
8.	All India Co-ordinated Project on Wheat and Barley, Rajouri	Dr.TuhinaDey	0.12	IWBR(ICAR) Karnal	2009
9.	All India Coordinated Research Project on Nematodes	Dr.Rajan Salalia	Nil	AICRP(ICAR) IARI, NewDelhi	2016
10.	All India Co-ordinated Research Project on Mushroom, Chatha	Dr. Sachin Gupta	1.3	Directorate of Mushroom, Solan	2015
11.	All India Coordinated Project on Pigeonpea (Agronomy)	Dr.Parmendra Singh, ACRA	Nil	IIPR (ICAR) Kanpur	Sept.,2018
International Projects: 2					
1.	ICRISAT, Hyderabad=1 International chickpea of <i>Ascochyta</i> blight Nursery	Dr. S. K. Singh	0.30	ICRISAT	Nov.,2017
2	International Food Policy research Institute(IFPRI)=1 Mapping the adoption of improved varieties of major crops and management practices in Jammu	Dr. Sudhakar Dwivedi	10.70	IFPRI	5th April,2018
Inter-Institutional Projects: 5					
	Development of semi-dwarf blast and bacterial blight resistant version of Ranbir Basmati by marker assisted backcross breeding (HPKVV, Palampur).	Dr. R.K. Salgotra	60.2	DBT, New Delhi	June, 2015
	Identification of casual SNP's in promoter sequence of CO-5 and development of functional gene based markers for Anthracnose resistance in common bean(<i>Phaseolus vulgaris</i> L.) Indo-Mexico .	Dr. R. K. Salgotra School of Biotechnology	20.59	DST, New Delhi	Aug.,2017
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	Synthesis, characterization and evaluation of ciprofloxacin and gentamycin loaded solid lipid chitisan composite Nanoparticles	Dr. Neelesh Sharma	5703200	DBT, New Delhi	Feb.,2018

	for the treatments of mastitis in dairy animals.				
	Establishment of goat mammary epithelial/stem cell lines for the production of pharmaceutical interest proteins.	Dr.Neelesh Sharma,	50.52	DBT, New Delhi	10 th Aug.,2018
NGO Project: =1					
1.	Pilot Project of Mushroom Cultivation using Horse dung	Dr.Anil Gupta	-	Katra	2018
Horticulture Mission for North East Himalayas (HMNEH) (MIDH)=3					
1.	Centre of Excellence for Horticulture (MIDH)	Dr.V.K.Wali	784.04	HMNEH (MIDH)	2015
2.	Setting up of New Tissue Culture Unit (MIDH)	Dr. V.K. Wali,	121.7	HMNEH (MIDH)	2015

Total Number of Projects: 113