

1.	Name	Prof. (Dr.) Parshant Bakshi				
2.	Designation	Head , Fruit Science, SKUAST-Jammu/ Head, CONF, Chatha				
3.	Date of Birth	16-11-1976				
4.	Contact address	Division of Fruit Science, Faculty of Horticulture & Forestry, SKUAST-Jammu, Chatha, Jammu. J&K, India – 180 009				
5.	Email & Mobile No.	parshantskuastj@gmail.com; 9419101601				
6.	Professional experience	20 years' experience of teaching, research and extension				
7.	Area of specialization	Fruit Production and Postharvest management				
8.	Research interests	Fruit, nutrition, physiology and characterization of fruit germplasm; Evaluation and Organic production of strawberry, Rejuvenation and High Density planting of fruit crops				
9.	Awards/Honours/scholarships/fellowships					
	❖ Awarded MASHAV fellowship by the Ministry of External Affairs, Israel, in 2012 for attending 24 days International R&D course on Postharvest Physiology, Pathology and Handling of fresh Commodities at Volcani Centre, Israel.					
	❖ Fellowship Award-2012 in International Conference on “Impact of Technological Tools on Food Security under Changing Global Scenario-2012” at Shobit University, Meerut.					
	❖ Best Citizen of India Award-2014 by International Publishing House, New Delhi					
	❖ Best Oral Presentation in 2015 on “Scenario and future prospects of micro-irrigation in India” in National Seminar on “Technology and Management of Micro-irrigation in Floriculture”.					
	❖ Represented India in an International Conference organized by Food and Agriculture Organization (FAO), Rome at Beijing, China as an expert on Mountain Agriculture in India funded by Ministry of Agriculture, Government of India in 2018.					
	❖ Appreciation from Hon'ble Vice-Chancellor SKUAST-J in Agrifest 2017, 2018 and 2019 as Convener, Cultural Committee.					
	❖ The video on Walk and Talk in Dogri: Strawberry Organic Farming was awarded Best Video in MANAGE Agri Film Festival-2022 at MANAGE, Hyderabad.					
10	Total no. of publications (referred journal)	Research papers: 126; Review papers: 14; Books: 14; Book Chapters: 23; Manuals: 09; Popular articles: 40; Technical Bulletins: 12; Abstract: 164				
11.	Research projects as PI/ Nodal Officer A: External funded: Total (26) P.I. 06; Co-P.I. 20 B. University funded: Total (26) P.I. 05; Co-P.I. 21 Principal Investigator of following External funded Projects					
	Title	Funding Agency	Period From To		Status	Amount (in lakhs)
	1. Agro-technique refinement and suppression of anar butterfly in wild pomegranate (<i>Anardana</i>) under Jammu province Chatha (as PI)	HTM (MM1) ICAR	2005	2007	Completed	18.00
	2. Determination of quality and harvest maturity of commercially grown fruit crops in Jammu subtropics (as PI)	HTM (MM1) ICAR	2011	2013	Completed	20.50
	3. Training and demonstration on rejuvenation of old/un-productive orchards of Jammu sub-tropics (as PI)	MIDH	2015	2017	Completed	17.50
	4. Skill Development in Natural Farming with eco-friendly marketable product generation (as PI)	ICAR-EL	2022	-	Ongoing	60.00
	5. Promotion of niche crops in UT of J&K (<i>anardana</i>)	HADP	2023	-	Ongoing	65.00
	6. Alternate Agriculture systems for Sustainability (as PI)	HADP	2023	-	Ongoing	484.00
12.	Other achievements, if any					
	a. As Major Advisor:	Total : 17	M.Sc: 09	Ph.D: 08		
		i. Guided: 13	M.Sc.: 07	Ph.D: 06		
		ii. Guiding: 04	M.Sc.: 02	Ph.D: 02		
	b. As Advisory Committee member:	Total : 78	M.Sc: 48	Ph.D: 30	B.Sc.: 12	
		i. Guided: 56	M.Sc.: 32	Ph.D: 24	8	
		ii. Guiding: 22	M.Sc.: 16	Ph.D: 06	4	

	<ul style="list-style-type: none"> ➤ No. of Radio talks delivered: 17 ➤ No. of T.V talks delivered: 12 ➤ Life member of Professional Horticultural Societies: 15 ➤ Number of Conferences/symposium/seminar attended: 22 ➤ Member of University Examination Cell, SKUAST-J (10 years) from November, 2012 till date. ➤ Member Secretary, Equipment for Central Purchase Committee (CPC) for 2014-15 and 2015-16. ➤ As Member Secretary Board of Studies, Faculty of Agriculture conducted 13th to 16th meeting and Member Secretary, Faculty of PG Studies conducted XV to XVII meeting ➤ External examiner for paper setting and evaluation of answer sheets. ➤ Involved to promote agriculture through web portal www.krishisandesh.com one of the leading sites of India in agriculture from March 2010. ➤ Member of Joint Inspection Team (JIT) from Ministry of Agriculture, Govt. of India for monitoring of projects under MIDH and RKVY for J&K.
13	<p>Research Achievements (12 published in Package and Practices for Fruit Crops, SKUAST-J)</p> <p>Rejuvenation of old/senile/unproductive mango orchards</p> <p>❖ A rejuvenation technique has been standardized along with the complete calendar of operations to the extent of its commercialization as 30-40 per cent of the mango orchards in Jammu province are old/senile. This technology has been demonstrated successfully on the farmers field in Jammu and Kathua districts of Jammu province (Rejuvenation technology developed for old/senile mango orchards has been incorporated in the PoP for Fruit crops 2020 of SKUAST-J pp 13-15.</p> <p>Wedge grafting in guava</p> <p>❖ Wedge grafting with polytubes in guava has been standardized for its commercialization <i>in vivo</i> and <i>in vitro</i> conditions in Sardar cultivar of guava. Under <i>in vitro</i> conditions (poly house) maximum graft intake success upto 94.88 % can be achieved when wedge grafting is carried out in the winter season by covering the grafts with polytubes and the recommendation has been incorporated in the Package of practices for Fruit crops 2020 of SKUAST-J pp 34.</p> <p>Technology for drying of wild pomegranate (<i>Anardana</i>)</p> <p>❖ Sun drying for 38 hours is recommended for drying of wild pomegranate (<i>Anardana</i>). Use muslin cloth for hygienic drying instead of gunny bags for drying on rooftops. Small poly tent structures can be used for septic drying of <i>anardana</i>. These recommendations are incorporated in package of practices for Fruit crops 2020 at pp. 58.</p> <p>Mulching and Foliar nutrition for qualitative improvement in shelf-life of strawberry: Mulching of strawberry is a beneficial operation in minimizing winter freezing injury to plants, suppressing early spring growth, smothering of weeds, keeping berries clean, conserving soil moisture and reducing berry disease. Planting of strawberry cv. Chandler on 9th October along with black polythene mulch under subtropical conditions of Jammu has been recommended as it resulted in maximum growth, yield, quality and runners. This recommendation has been incorporated in the Package of practices for Fruit crops 2020 of SKUAST-J pp 140.</p> <p>For improving the quality and the shelf-life of strawberry cv. Chandler, it has been recommended that foliar application of 0.6 % FeSO₄ sprayed 30 days and 80 days after planting results in maximum vegetative growth whereas 0.6 % ZnSO₄ application improves quality of Chandler cv. Strawberry. For enhancing the shelf-life upto 60 hours of Chandler cv. of strawberry, it has been recommended to apply CaCl₂ 0.6 per cent twice i.e. 30 and 80 days after planting. This recommendation has been incorporated in the PoP for Fruit crops 2020 of SKUAST-J pp 141.</p>
14	<p>Varieties Released (04): i. Jammu Mango (Selection 5) as Co-breeder by CVRC, New Delhi in 2018</p> <p style="padding-left: 40px;">ii. JWSP06 (PARBAT) Walnut as Principal Breeder by SSSC, J&K UT in 2022</p> <p style="padding-left: 40px;">iii. Jammu Lime 1 as Co-breeder by SSSC, J&K UT in 2022</p> <p style="padding-left: 40px;">iv. Poonch Walnut as Co-breeder by SSSC, J&K UT in 2022</p>

(PARSHANT BAKSHI)