

1.	Name	Dr.ParshantBakshi			
2.	Designation	Professor, Fruit Science, SKUAST-Jammu			
3.	Date of Birth	16-11-1976			
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6.	Professionalexperience	18year’s experienceofteaching,researchandextension			
7.	Areaofspecialization	FruitProduction			
8.	Researchinterests	FruitPhysiologyandcharacterizationoffruitgermplasm			
9.	Awards/Honours/scholarships/fellowships				
	<ul style="list-style-type: none"> ❖ <i>AwardedMASHAVfellowshipbytheMinistryofExternalAffairs, Israel, in2012 for attending 24 days International R&D course on Postharvest Physiology, Pathology and Handling of fresh Commodities at Volcani Centre, Israel.</i> ❖ Fellowship Award-2012 in International Conference on “Impact ofTechnologicalToolsonFoodSecurityunderChangingGlobalScenario-2012”atShobitUniversity,Meerut. ❖ BestCitizenofIndiaAward-2014byInternationalPublishingHouse,NewDelhi ❖ Best <i>Oral</i> Presentation in 2015 on “Scenario and future prospects ofmicro-irrigation in India” in <i>National Seminar on “Technology andManagementofMicro-irrigation in Floriculture”</i>. ❖ <i>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.</i> ❖ <i>Appreciation from Hon’bleVice Chancellor SKUAST-J in Agrifest 2017, 2018 and 2019 as Convenor, Cultural Committee.</i> ❖ <i>My video on Walk and Talk in Dogri: Strawberry Organic Farming was awarded Best Video in MANAGE Agri Film Festival-2022 at MANAGE, Hyderabad.</i> 				
10	Totalno.ofpublications (referredjournal)	Researchpapers:120;Reviewpapers:08; Books: 12; Book Chapters: 16; Manuals: 09; Popular articles: 30; Technical Bulletins: 08; Abstract: 100			
11.	ResearchprojectsasPI/ NodalOfficer A: External funded: Total (15) P.I. 03; Co-P.I. 12 B. University funded: Total (19) P.I. 04; Co-P.I. 15				
	Title	Funding Agency	Period		Status
			From	To	
	1. Agro-technique refinement and suppression of anar butterfly in wildpomegranate (<i>Anardana</i>) under JammuprovinceChatha(asPI)	ICAR	2005	2007	Completed
	2. Determination of quality and harvestmaturityofcommerciallygrownfruitcropsinJammusubtropics(asPI)	ICAR	2011	2013	Completed
	3. Introductionandevaluationofspurtypeandcolourmutantsofapple andpearinDodadistrict	SKUAST-J	2005	2007	Completed
	4. Effect of various calcium and micro-nutrienttreatmentsonshelflifeofstrawberry(<i>Fragaria x ananassa</i> Duch.)cv.Chandler(asPI)	SKUAST-J	2009	2011	Completed
	5. Traininganddemonstrationonrejuvenationofold/un-productiveorchardsofJammusub-tropics(asPI)	MIDH	2015	2017	Completed
12.	Other achievements, if any				
	a. As Major Advisor:	Total : 15	M.Sc: 08	Ph.D: 07	
	i. Guided: 12	M.Sc.: 07	Ph.D: 05		
	ii. Guiding: 03	M.Sc.: 01	Ph.D: 02		
	b. As Advisory Committee member:	Total : 66	M.Sc: 36	Ph.D: 30	B.Sc.: 12
	i. Guided: 56	M.Sc.: 32	Ph.D: 24	8	
	ii. Guiding: 10	M.Sc.: 04	Ph.D: 06	4	

	<ul style="list-style-type: none"> ➤ No. of Radiotalks delivered: 13 ➤ No. of T.V talks delivered: 12 ➤ Life member of Professional Horticultural Societies: 15 ➤ Number of Conferences/symposium/seminar attended: 22 ➤ <i>Member of University Examination Cell, SKUAST-J (10 years) from November, 2012 till date.</i> ➤ Member Secretary, Equipment for Central Purchase Committee (CPC) for 2014-15 and 2015-16. ➤ <i>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</i> ➤ External examiner for paper setting and evaluation of answers 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>❖ 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 orchard has been incorporated in the PoP for Fruit crops 2020 of SKUAST-Jpp 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 up to 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-Jpp 34.</p> <p>Technology for drying of wild pomegranate (Anardana)</p> <p>❖ Sun drying for 38 hours is recommended for drying of wild pomegranate (Anardana). 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 anardana. 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-Jpp 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 improve quality of Chandler cv. Strawberry. For enhancing the shelf-life up to 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-Jpp 141.</p>
14	<p>Varieties Released (04): i. Jammu Mango (Selection 5) as Co-breeder by CVRC, New Delhi in 2018</p> <p>ii. JWSP06 (PARBAT) Walnut as Principal Breeder by SSSC, J&K UT in 2022</p> <p>iii. Jammu Lime 1 as Co-breeder by SSSC, J&K UT in 2022</p> <p>iv. Poonch Walnut as Co-breeder by SSSC, J&K UT in 2022</p>

(PARSHANT BAKSHI)