Name	:	DR. BUPESH KUMAR
Designation	:	Professor
Contact Address	:	Division of Plant Breeding & Genetics, SKUAST-J, FoA, Chatha
E mail	:	bupeshsharma@gmail.com
Contact number	:	094191-71543
Professional Experience	:	More than 16 years (Since June 2007)
Awards/honours/scholarships/fellowships	:	Conferred with excellence research/teaching award by Indian Society of Genetics, Biotechnology Research and Development Agra in the month of Sept. 2020.
Area of specialization	:	Cereal Breeding
Research Interests	:	Genetic enhancement of cereal crops through conventional and biotechnological interventions
Total no. of Publication (referred journal)	:	More than 55
Selected Publications (Best five)	:	1. Sheera, A Dey, T Aftab, N, Singh T, Pandey, M.K, Kumar, B and Dar, Z.A. 2023. Morpho-nutritional status of micronutrient efficient wheat (*Triticum aestivum* L.) genotypes under changing environments. *Environ Geochem Health* https://doi.org/10.1007/s10653-023-01610-y 2. Yadav O.P, Razdan A.K, Kumar B, Singh P and Singh, A K.2020. Using AMMI approach to delineate genotype by environment interaction and stability of barley (*Hordeum vulgare* L.) genotypes under northern Indian Shivalik hill conditions. *Indian Journal of Genetics and Plant Breeding*, 80(3): 339-342 3. Sharma M, Gangurde S.S, Salgotra, R.K, Kumar B, Singh, A.K and Pandey, M.K 2021. Genetic mapping for grain quality and yield-attributed traits in Basmati rice using SSR-based genetic map. *Journal of Biosciences*, 46:50 Indian Academy of Sciences DOI: 10.1007/s12038-021-00169-z 4. Mahrukh, Singh P, Dey T, Sharma M, Kumar B, Singh A.K and Khazim. 2021. Phenotypic and molecular divergence analysis of oat germplasm (Avena sativa) under Northern Indian conditions. *Indian Journal of Agricultural Sciences*, 91 (4): 651–54 5. Bhat, J.A., Salgotra, R.K.,Gupta, B.B., Kaushik,R.P., Kumar,B.,Sharma, M., Razdan, V.K., Rai, G.K and Gupta, M.2015. Development of bacterial blight resistance versions of basmati rice genotypes from Jammu, Northern Himalaya using marker assisted

		selection. *Indian Journal of Biochemistry & Biophysics, Vol. 52, Oct-Dec. 2015 pp 341-348*
No. of books/manuals/Monographs	:	Published 4 nos. of Practical manuals for UG students viz., ❖ Principles of Genetics ❖ Principles of Plant Breeding ❖ Fundamentals of Genetics ❖ Fundamentals of Plant Breeding
Research Projects (Associated/PI/Co-PI)	:	✓ Served a Co-PI in the project entitled "Development of molecular laboratory for analysis of purity of germplasm of Basmati rice & other seeds" amounting 196.00 lac sponsored by STF Project (APD Govt. of J&K) ✓ Served a Co-PI in the project entitled "Evaluation of NIF-India identified high yielding farmers' varieties of different crops in Jammu region of Jammu and Kashmir sponsored by National Innovation Foundation-India, Gandhi nagar Gujrat (14.99 lakh)
Other achievements if any (please specify)	:	**Academics:** ✓ Guided Seven M.Sc. and one Ph.D student as major advisor and served as member advisory committee of more than 30 students. ✓ Actively involved in teaching (UG & PG Classes) and so far had taught most of the core courses of Genetics and Plant breeding particularly: ❖ Fundamentals of Quantitative Genetics ❖ Principals of Plant Breeding ❖ Fundamentals of Genetics ❖ Fundamentals of Plant Breeding ✓ Served/serving as incharge academics of the division and member secretary Board of Studies Faculty of Agriculture. **Research:** ✓ Remained associated in the development of six varieties of cereal crops including 2 of maize and 4 of rice ✓ 30 entries were nominated for testing in National Trials after ascertaining their performance in station varietal trials ✓ More than 100 qtls of breeder seed of various varieties was produced as per State and DAC indent ✓ More than 200 rice hybrids were evaluated to ascertain their performance at sub-tropical belt of Jammu region ✓ Number of cross combinations were attempted

		every year (> 100 every year) involving recipient and donor parents for various economic traits. **Extension:** ✓ Promoted HRD activities by imparting awareness about "Intellectual Property Rights & its Management in Agriculture" to Field functionaries of line department as well as PG & Ph.D scholars of Agri. & Vet. Sciences. Besides technical bulletins were distributed for knowledge upgradation during important events viz., farmer mela's, field days etc for disseminating technical know how to farmers & field functionaries ✓ Minikit trials were supplied to State Deptt. of Agriculture for evaluating the performance of newly developed cultures ✓ Contributed in Package and Practices for Kharif crops 2020 of SKUAST-Jammu published by Directorate of Extension SKUAST-Jammu ✓ Actively participated in production oriented survey of rice conducted in different districts of Jammu Province in collaboration with State Deptt. of Agriculture undertaken by AICRP under the ageis of IIRR, Hyderabad.