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Assistant Professor



Specialization: Seed Science and Technology

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Ongoing Research Projects

- ICAR mega seed project on Seed production of agricultural crops and fisheries (Co-Principal Investigator)
- Mission for Integrated Development of Horticulture, Govt. of India - Popularization of cultivation of spices in H.P. (Co-Principal Investigator)
- Scaling Production of Natural Farming Based Seeds through FPCs in Himachal Pradesh, Alliance of Bioversity International and International Centre for Tropical Agriculture (Co-Principal Investigator)
- Production of Quality Seed of Vegetable Crops for Distribution to Farmers of Tribal Area to Enhance Crop Productivity under Natural Farming, Tribal Dev Dept., MoTA, GOI (Co-Principal Investigator)

Important Research Publications

- Sharma P, Kumar M and Verma R. 2025. Physiological seed quality of onion cv. Palam Lohit as influenced by pelleting. *Plant Archives*. **25**(1): 378-382.
- Thakur A, Dilta BS, Verma R, Kaushal S and Vinay. 2025. Enhancement of growth, flowering and seed yield through GA₃ seed priming in sunflower. *AATCC Review*. **13**(1): 239-244.
- Sharma P, Kumar M and Verma R. 2024. Influence of direct and staggered sowing of pelleted onion (*Allium cepa*) seeds on various seed yield parameters under Asian mid-hill conditions. *Indian Journal of Agricultural Sciences* **94**(10): 1063–1068.
- Sravya K, Dilta BS, Verma R, Bhatia S, Jnanesha AC, Kumar SR, Kumar SB and Lal RK. 2024. The impact of varying levels of Gibberellic Acid (GA₃) on plant growth, flowering, flower quality, seed yield and quality of Petunia (*Petunia × hybrida* Vilm.) *Ecological Genetics and Genomics* **33**: 1-8.
- Verma R and Mehta DK. 2019. Effect of seed pelleting on seed quality parameters of bell pepper (*capsicum annuum* L.) under laboratory and nursery conditions. *International Journal of Microbiology Research* **11**(1):1452-1454.
- Verma R and Mehta DK. 2019. Effect of seed pelleting on seed quality parameters of bell pepper (*capsicum annuum* L.) under laboratory and nursery conditions. *International Journal of Microbiology Research* **11**(1):1452-1454.
- Verma R, Mehta DK, Thakur KS, and Kumar N. 2019. Influence of mulching and planting geometry on seed quality and ripe fruit rot incidence of bell pepper (*Capsicum annuum* L.). *International Journal of Bio-resource and Stress Management* **10**(3):246-250.
- Verma R and Mehta DK. 2019. Effect of seed pelleting and integrated nutrient management on fresh market crop of bell pepper (*capsicum annuum* L.) in the mid hills of Himachal Pradesh, India. *International Journal of Agriculture Sciences* **11**(1): 7717-7721.

- Ansari G, Lal M, Kanwar HS, Kanwar R and Verma R. 2017. Effect of planting geometry and training on growth and seed yield of tomato (*Solanum lycopersicum* L.). *Journal of Applied and Natural Science* **9**(2):1146-1150.
- Kanwar HS, Verma R, Lal M, Mehta DK, Kanwar R and Ansari G. 2016. Effect of plant geometry and training on seed quality and benefit: cost ratio in tomato (*Solanum lycopersicum* L.) seed production. *International Journal of Agriculture Sciences* **8**(44):1881-1884.
- Verma R, Mehta DK, Thakur KS, Prasad H and Lal M. 2016. Effect of mulching and planting geometry on seed production of bell pepper (*Capsicum annuum* L.) in mid-hills of Himachal Pradesh. *International Journal of Bio-resource and Stress Management* **7**(5):1146-1151.

Awards & Recognitions

- Best poster presentation (1st position) certificate in the “12th National Seed Congress” held on December 11-13, 2023
- INSPIRE fellowship for Ph.D. by Department of Science & Technology, Govt. of India, New Delhi
- Himotkarsh gold medal by Himotkarsh Sathiya Sanskriti avam Jankalyan Parishad, Una (HP)
- M.Sc. gold medal
- Ph.D. department topper certificate
- University merit scholarship during M.Sc.
- M.Sc. merit certificate