

Dr HD Sharma
Professor and Head



Specialization: Vegetable Science and Spice Crops
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Ongoing Research Projects

- Long term All India Coordinated Research Project on Vegetable Crops funded by ICAR (Officer Incharge).
- Long term All India Coordinated Research Project on Spices funded by ICAR (Officer Incharge).
- Centre of Advanced Faculty Training in Horticulture (Vegetables) funded by ICAR, long term (Director).
- Consortium Research Platform on Hybrid Crops- Cauliflower funded by ICAR, long term (Officer Incharge)
- Testing of Vegetable Hybrids and Agronomical Products of Private Sector funded by Multinational/ National Seed Companies, long term (Officer Incharge)

Important Research Publications

- Annepu SK, Dev H, Barh A, Dogra RK, Sharma V, Thakur S, Verma V and Sharma K. 2023. Performance prediction of F₁ crossing in eggplant (*Solanum melongena* L.) based on morphological and molecular divergence. *Genetika* 55(1): 45-60.
- Dev H and Sharma V. 2022. Genetic variability in turmeric (*Curcuma longa* L.). *International Journal of Bio-resource and Stress Management* 13(6): 595-604.
- Dev H and Sharma V. 2022. Genetic variability in ginger (*Zingiber officinale* Rosc.) *International Journal of Bio-resource and Stress Management* 13(07): 709-717.
- Singh S, Dev H, Dogra RK, Verma V, Aditika and Shilpa. 2021. Study on heterosis for vegetative and quantitative traits in brinjal (*Solanum melongena* L.). *The Pharma Innovation Journal* 10(12): 335-338.
- Singh S, Dev H, Dogra RK, Shilpa, Aditika and Ujjwal V. 2020. Correlation and path coefficient analysis for yield and yield contributing traits in brinjal (*Solanum melongena* L.). *International Journal of Current Microbiology and Applied Sciences* 11(Special Issue): 1770-1777.
- Dev H and Sharma V. 2020. Correlation studies in turmeric (*Curcuma longa* L.). *International Journal of Current Microbiology and Applied Sciences* 9(08): 3063-3071.
- Dev H and Sharma V. 2020. Genetic divergence in ginger (*Zingiber officinale* Rosc.). *International Journal of Current Microbiology and Applied Sciences* 9(08): 3072-3076.
- Bhapkar BP, Sharma HD, Negi S, Pundir D, Sharma V, Kapil M, Reddy S. 2019. Effect of cutting and intra row spacing on yield and phenotypical attributes of coriander (*Coriandrum sativum* L.). *International Journal of Current Microbiology and Applied Sciences* 8 (9): 11-114
- Kishor N and Dev H. 2015. Effect of planting time and spacing on maturity, growth and fruit yield of bell pepper, *Capsicum annuum* L. *International Journal of Farm Sciences*, 5 (1): 17-23.
- Kishor N and Dev H. 2015. Effect of planting time and spacing on maturity, quality and seed yield of bell pepper, *Capsicum annuum* L. *International Journal of Farm Sciences*, 5 (3): 60-66. (NAAS Rating 4.29)

Books and Manual (with ISBN Number)

- Sharma V and Dev H. 2022. Bioactive Compounds in Turmeric. In: *Spice Bioactive Compounds: Properties, Applications, and Health Benefits*. CRC Press, Taylor and Francis Group. p360.

Awards & Recognition

- University Merit Scholarship during BSc (Ag), MSc (Vegetable Science) and PhD (Vegetable Science) degree programmes.
- Variety Developed: Ginger Variety Solan Giriganga