

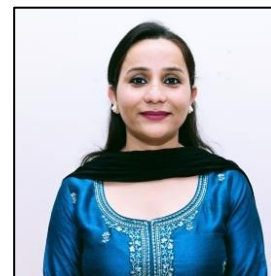
Dr Kumari Shiwani
Scientist

Specialization: Vegetable Breeding

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Ongoing Research Projects

- Upgradation of 182 People's Biodiversity Register (PBR's) in different districts of Himachal Pradesh for ₹ 14.56 lakh (Co-PI).

Research Publications

- Shiwani K and Sharma A. 2021. Genetics of horticultural traits in garden pea (*Pisum sativum* L.) *Indian Journal of Plant Breeding and Genetics* 81(02): 289-99.
- Shiwani K and Sharma A. 2022. Genetics of quality attributes and powdery mildew severity in garden pea under sub temperate conditions of North Western Himalayas. *Legume Research* 45(7): 898-6.
- Shiwani K, Sharma D, Jha SK, Sharma A. 2025. Fruit morphology variability in *Cyclanthera pedata* L. Schrad: A neglected and underutilized vegetable crop of wet temperate zone of Himachal Pradesh, India. *AATCC Review* 13(3):108-112
- Shiwani K, Katoch V, Sharma A and Kumari V. 2016. Variability studies in sprouting broccoli hybrids (*Brassica oleracea* L. var. *italica* Plenck) under the mid hills of North-western Himalayas *The Bioscan* 11(1): 569-72.
- Shiwani K, Katoch V, Sharma A and Kumari V. 2012. Genetic evaluation of sprouting broccoli [(*Brassica oleracea* L. var. *italica* Plenck.)]. *Himachal Journal of Agricultural Research* 38(2): 93-98.
- Katoch V, Shiwani K, Sharma A and Kumari V. 2014. Correlation and path analysis in sprouting broccoli (*Brassica oleracea* var. *italica*) *Indian Journal of Agricultural Science* 84(1): 50-8.
- Batheja A, Vekariya RD, Rana Vijay, Shiwani K, Sarial AK and Rahimi Mehndi. 2026. Genetic and gene effects of Quantitative traits in bread wheat (*Triticum aestivum*) under the mid hill zone of the Northwestern Himalayas. *International Journal of Agronomy*. <https://doi.org/10.1155/ioa/1762479>
- Garg A, Sharma D and Shiwani K. 2022. *Floristic Diversity of Santalum album*L.

populations in mid hill zone of Himachal Pradesh. *Indian Journal of Ecology* 49 (5):1885-1890.

- Kaur P, Sharma I, Kumar R, Sharma S, Shiwani K, Sharma A and Sharma A. 2024. *In vitro* efficacy of Tulsi (*Ocimum sanctum*) extract against soil borne fungi. *International Journal of Economic Plants* 11(4) 435-440
- Sharma D and Shiwani K. 2022. *Lantana camara* as a Potential Secondary host for Natural Populations of *Santalum album* in Foothills of Himalayas: A hope to stand along with Noxious Weed. *Biological Forum* 14(3):179-83.
- Sharma D and Shiwani K*. 2024. Tree species as a sustainable green solution for cadmium phytoremediation *AATCC Review* 12(03): 111-120
- Kumar R, Chauhan A, Kumari R, Shiwani K, Thakur P and Thakur N. 2023. Effect of Different Locations and Transplanting Dates on the Performance of Lettuce var. Great Lakes under Wet Temperate Region of Himachal Pradesh-India 2023. *International Journal of Plant & Soil Science* 35(9):38-44(NAAS: 3.44
- Thakur N, Joshi AK, Thakur P, Kumar R and Shiwani K 2025. Vegetable seed production techniques in varieties: a review. *Plant Archives* 25(1): 1456-1476

AWARDS AND RECOGNITIONS

1. Received University Merit Scholarship during B. Sc, M.Sc.
2. Received **INSPIRE Scholarship** from Department of Science and Technology, Government of India, during Ph.D (w.e.f January 2013- October 2016)
3. Awarded and shared 5th position **as a team member** in “Enviro-Ideation Hackathon-2024 organized by Himachal Pradesh State Pollution Control Borad, Shimla.

EXTRA CURRICULAR ACTIVITIES

SPORTS

1. Gold medal (1), Silver medal (2), Bronze Medal (1) and participation at **NATIONAL LEVEL, Basketball Championship**, Kendriya Vidyalaya Sangathan (2002- 2006)
2. Participated and bagged second position in inter-university athletics (100 m and 400 m race) and basketball, CSKHPKV Palampur. (2006-2010).

CULTURAL ACTIVITIES

1. Bagged first position in **LIGHT VOCAL** and **GROUP SONG** in **inter-college youth festival**, CSKHPKV, Palampur (2007).
2. Acquired second position in light vocal in **inter-university youth festival** at MPUAT, Udaipur, Rajasthan (2007).
3. **Recorded** prestigious university song “**KRISHI GEET**” for CSKHPKV, Palampur, (2008).
4. Bagged prizes (Gold, Silver and Bronze) for various cultural and sports events in **University Employee Meet** at **Dr YS Parmar University, Naini** (2024 and 2025).