

Dr. Vikas Kumar Sharma

Senior Scientist (Fruit Breeding & Genetic Resources)

Specialization: Fruit Breeding & Genetic Resources, Molecular Breeding, RS & GIS Application in Horticulture

Cell: (+)91-70186-01976

E.mail: drvks007@rediffmail.com, vksdr2002@gmail.com



Ongoing Research Projects

- Establishment of Research Centre on All India Coordinated Research Project on Subtropical Fruits (STF) in Himachal Pradesh-ACRIP (Fruits) funded by ICAR-New Delhi Duration: Long Term. Contingency budget
- Task Force on Himalayan Agriculture under National Mission for Sustaining Himalayan Ecosystem” (Code: HGI-211-63) operating at COHF Neri funded by DST, Govt. of India for 53.04 lakh from 2018-2023.
- Development of PoP under Himachal Pradesh Subtropical Horticulture, Irrigation, and Value Addition Readiness Project funded by Dept of Horticulture Himachal Pradesh for 66.5 lakh from 2022-2023.
- Development of fruit-based crop modules and production of feathered plants to generate technical know-how for extension of area under fruits in frost and non-frost subtropics of Himachal Pradesh funded by Govt. of India (RKVY) for 148.0 lakh from 2021 to 2023.

Important Research Publications

- **Sharma, V. K.**, Kumar, K., Sharma, S. D. and Kuchay, M. A. 2021. Long Term Effects of Weather Parameters on Crop Yield in Mango and Citrus under Una District of Himachal Pradesh. *Biological Forum – An International Journal*, 13(1): 756-761. (NAAS Rating: 5.11 Year: 2021)
- **Sharma, V.K.**, Mehta, H., Sharma, S.D. and Rana, R.S. 2021. Mapping Fruit Crops Diversity in Bilaspur District using Geo Spatial Techniques. *Biological Forum – An International Journal*, 13(2): 711-715. (NAAS Rating: 5.11 Year; 2021)
- **Sharma, V.K.**, Goswami, M., Sharma, S.D. and Attri, K. 2021. Pollen viability and Pollen Germination Studies in Low Chill Peach [*Prunus persica* (L.) Batsch] Cultivars in the Subtropics of North-West Himalayas. *Biological Forum – An International Journal*, 13(1): 746-750. (NAAS Rating: 5.11 Year; 2021)
- Sharma Rakesh, **Sharma V.K.**, Sharma S.D. 2018. Nutritional status of apple orchards in Kinnaur region of Himachal Pradesh. *Indian Journal of Horticulture*, 75 (1), 39: 47 (NAAS Rating: 6.16 Year; 2021)

- Sharma SD, Bhardwaj SK, Pramod Kumar, Ashu Chandel, Bharati Kashyap, and **Sharma VK**. 2017. Impact assessment of integrated walnut fruit sequencing in exposed subsoil on vegetative growth traits, soil quality indicators and biological diversity in rainfed ecological system. *Indian Journal of Agricultural Sciences* 87 (11): 1487–98. (NAAS Rating: 6.21 Year; 2021)
- Sanjeev Kumar, Santosh Kumari, Raghubir Chand Gupta, **Sharma VK**. 2017. Cytogenetic Studies of Genus *Clematis* L. (Ranunculaceae) from the Western Himalayas, India. *Cytologia* 82(4): 355–361 (NAAS Rating: 6.80 Year; 2021)
- Khachi, B, Sharma, S D and **Sharma, V**&Ghumare, V &Marak, AVN. (2016). Assessing organic nutrition sources for sustainable soil health of kiwifruit orchard. *Indian Journal of Ecology* 43. 519-524. (NAAS Rating: 5.79 Year; 2021)
- Kumar K, Tandon S, Singh D and **Sharma VK**. 2013. Evaluation of promising Japanese plum genotypes for mid-hills of Himachal Pradesh. *Indian Journal of Horticulture* 70 (2): 283-286 (NAAS Rating: 6.16 Year; 2021)
- Kumar S, Gupta RC, Kumari S, Sharma K and **Sharma VK**. 2013. Ethnobotanical study on some wild medicinal plants from district Sirmaur, Himachal Pradesh, India. *Plant Science Feed*, 3(4): 47-49. (Not included in NAAS Rating)
- Singh, D. Gupta R K, Singh, M and **Sharma V K**. 2009. Characterization of pecan (*Carya illinoensis*) germplasm of seedling origin through regression and principal component analysis. *Indian Journal of Agricultural Sciences* 79 (4):324-326 (NAAS Rating: 6.21 Year; 2021)

Awards & Recognitions

Consolation award for oral presentation in National Conference on “**Alternate farming systems to enhance farmer’s income**” held at Dr YSP UHF Nauni w.e.f. 19-21 September, 2017.