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Professor and Head

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### Ongoing Research Projects

- Establishment of Gene Bank, Characterization and Validation of DUS Characteristics of Seabuckthorn (*Hippophae rhamnoides* Linn.) in Cold Deserts of Himachal Pradesh funded by Protection of Plant Varieties & Farmers' Rights Authority, New Delhi Long Term (Principal Investigator).
- Ecological Restoration of Nachan Forest Division of District Mandi Himachal Pradesh through Introduction and Plantation of Genetically Superior Willow Clones funded by Himachal Pradesh Government (Principal Investigator).
- Revolving Fund Scheme of the Department (Willows and Promising Tree Species) funded by Dr. Y S Parmar UHF, Nauni, Solan (HP) (Principal Investigator).
- Propagation, Multiplication, Demonstration and Field Testing of Selected Genetically Superior Tree Willow Clones in Bharmour District Chamba of Himachal Pradesh funded by Himachal Pradesh Government through State Forest Department Talland, H.P, Govt. Shimla (HP) (Principal Investigator).
- Biological Screening, Conservation and Establishment of Gene Bank of *Grewia optiva* Drummond funded by G.B. Pant Institute of Himalayan Environment and Development (GBPIHED), Kosi – Katarmal, Almora, Uttarakhand, Ministry of Environment, Forest and Climate Change, GOI, New Delhi (Principal Investigator).

### Best Research Papers

- Sharma JP, Thakur S, **Sankhyan HP**, Jha SK, Sharma R, Kanwar P, Gautam V and Sankhyan N. 2022. Genetic diversity and population structure of Indian willow (*Salix tetrasperma* Roxb.) with dominant molecular markers along its distribution range in Himalayan region. *Indian Journal of Genetics and Plant Breeding* **82**(1): 73-80.

- Nangla S, **Sankhyan HP**, Rana N. 2022. Fodder quality analysis of *Hippophae salicifolia* D. Don (Seabuckthorn) populations in Himachal Pradesh. *Journal of Pharmaceutical Innovation* **11**(6): 2229-2234.
- Nangla S and **Sankhyan HP**. 2022. Quantitative Characteristics Analysis of *Hippophae salicifolia* D. Don (Seabuckthorn) Populations in Himachal Pradesh. *Biological Forum* **14**(2): 1389-1397.
- Dhiman R, Kumar D, Thakur CL and **Sankhyan HP**. 2022. Effect of storage temperature, soaking period and chemical solutions on seed germination of *Wendlandia exserta* ROXB.DC. *Journal of Pharmaceutical Innovation* **11**(8):588-592.
- **Sankhyan HP**, Dhiman J, Chand K, Prachi, Karishma, Negi B. 2021. Soil Nutrient Analysis Underneath *Grewia optiva* Population. *International Journal of Bioresources and Stress Management* **12**(6): 645-654.
- BhatSS, **Sankhyan HP** and Singh NB. 2019. Estimation of genetic variability, heritability, genetic gain and correlation studies on seed and seedling traits in *Grewia optiva* Drummond. *Range Management & Agroforestry* **39**(1):43-51.
- BhatSS, **Sankhyan HP** and Singh NB. 2018. Estimation of genetic variability, heritability, genetic gain and correlation studies on seed and seedling traits in *Grewia optiva* Drummond. *Range Management & Agroforestry* **39**(1):43-51.
- **Sankhyan HP**, Kairon V and Rana N. 2018. Nutritive Value of Deoiled Cake of Seabuckthorn (*Hippophae rhamnoides* L.) Population of Cold Desert Ecosystem of Himachal Pradesh. *The Indian Forester* **144**(11): 1072-1075.
- Bhat SS, Singh NB, **Sankhyan HP** and Sharma KR. 2016. Genetic Variability for Growth Traits of Different Half-sib Progenies of *Pinus roxburghii* Sargent. *Indian Journal of Ecology* **43**(2): 765-769.
- Bhatt SS, **Sankhyan HP**, and Singh NB. 2012. Genetic Divergence for seed and seedling parameters in *Grewia Optiva* Drummond in Himachal Pradesh, India. *Indian Journal of Genetics and Plant Breeding* **72**(1): 100-102.

## Awards & Recognitions

- **Certificate of Appreciation**-2019 from Dr Y S Parmar University of Horticulture and Forestry, Nauni-Solan (HP) on December, 1 for “Meritorious services to the university”.
- **Outstanding Achievement Award**-2019 during in “9<sup>th</sup> International Conference on Agriculture, Horticulture and Plant Science” June, 27-28 at Angel’s Inn Resort Dharamshala, (H.P), India.
- **First Oral Presentation Award**-2015 during “3<sup>rd</sup> Annual National Conference on Science: Emerging Scenario & Future Challenge III” April, 11-12 at Vallabh Government College Mandi, Himachal Pradesh.
- **Prestigious Brandis Prize Award**-2014 by Indian Forester.
- **Oral presentation Award**-2011 during conference on “Issues for climate change, land use diversification and Biotechnological tools for livelihood security (ICLDBT-2011)” held at SVPUA&T Meerut.

- **First Best Poster Presentation Award**-2008 during Conference on “Intensive Forest Farming: The State of the Art” from February 12-14 at Punjab Agricultural University, Ludhiana.
- National Award for Young Scientist in Forestry for **Nanda Memorial Young Scientist Award**.