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Specialization: English Literature

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Important Research Publications

- Sharma U., Sankhyan HP., Rana VS., Thakur A., Thakur S., **Sankhyan N.**, Sharma S., Sharma S. **2026**. Genetic variability in growth traits and survival of wild walnut (*Juglans regia*) nursery seedlings in the Northwestern Himalayan region through multivariate analysis. *Plant Biosystems* (2026) 160:98 <https://doi.org/10.1007/s44473-025-00034-z>.
- Sharma U., Sharma S, **Sankhyan N.**, & Das J. **2025**: Phytoremediation as a nature-based solution for air pollution mitigation: a review. *International Journal of Phytoremediation*, DOI: 10.1080/15226514.2025.2596172
- Chauhan, V., Diltia, B.S., Sharma, R., Verma, R., Kaushal, S., Sharma, U., **Sankhyan, N.**, Das, J., & Sharma, S. **2025**. Integrated Effects of Seed Priming and Growth Regulator Applications on Seedling Quality, Growth, Flowering and Seed Production of *Verbena x Hybrida*. *J Plant Growth Regul.* <https://doi.org/10.1007/s00344-025-11980-5>
- Sharma, S., Gupta, R.K., Chandel, A., Rana V.S., Sharma S. Sankhyan N., Sharma U. **2025**. Assessment of factors influencing farmers' choices of marketing channels for kiwifruit (*actinidia deliciosa* a. chev.): insights from the Indian Himalayan Region. *Environ Dev Sustain* (2025). <https://doi.org/10.1007/s10668-025-06886-x>.
- Sharma U, Sharma S, Sankhyan N, Sharma S, Sharma SK. **2025**. A global review of agroforestry research and policy directions: Addressing ecological and socioeconomic challenges through systematic review and bibliometric analysis. *Forest Policy and Economics*. Volume 181, 103639, ISSN 1389-9341, <https://doi.org/10.1016/j.forpol.2025.103639>, <https://www.sciencedirect.com/science/article/pii/S1389934125002187>
- Sharma, U., Sankhyan, H. P., Rana, V. S., Kumari, A., **Sankhyan, N.**, Kumar, R., Sharma, S. **2025**. Variability in wood physico-chemical properties of *Juglans regia* L. from Indian Himalayan region. *Wood Material Science & Engineering*, 1–12. <https://doi.org/10.1080/17480272.2025.2522989>
- Sharma U., Sankhyan H.P., Rana V.S., Sharma R., Kumari A., Kumar R., Sharma P, Tiwari B., , Thakur S., Sankhyan N., Sharma S., Sharma S. Feb. **2025**. Exploration of morphological diversity to select naturally occurring promising walnut (*Juglans regia* L.) genotypes from the North-Western Himalayan region. *South African Journal of Botany*, 177: 264-278.
- Sharma, U., Sankhyan, H.P., Kumari, A., Thakur S, Thakur L, Mehta D, Sharma S, Sharma S, **Sankhyan N.** **2024**. Genomic selection: a revolutionary approach for forest tree improvement in the wake of climate change. *Euphytica* 220, 9 (2024). <https://doi.org/10.1007/s10681-023-03263-5>.
- Sharma, S., Gupta, R.K., Rana, V.S., **Sankhyan N.**, Sharma U, Sharma S. **2023**. Forecasting the Future of Papaya in India: Predicting Area and Production Through Autoregressive Integrated Moving Average. *Applied Fruit Science, Erwerbs-Obstbau*, 66: 183–191. <https://doi.org/10.1007/s10341-023-01009-0>

- Meenakshi, Rana N, Bharti, Chauhan A, **Sankhyan N**, and Arti. April 2023. Exploring Intraspecific Provenance Variation in Seed Morphological Traits of *Albizia procera* in Mid-Himalayan Region of India. *Journal of Tropical Forest Science* 35(2): 168–178 (2023) <https://doi.org/10.26525/jtfs2023.35.2.168>.

Patents

- Dr Sanjeev Kumar 2. Dr. Ibajanai Kurbah 3. Dr. Vijay Singh 4. Dr. Nitesh Kumar 5. Dr. Vivek Sharma 6. Garima 7. Neha Thakur 8. Dr. Neeraj Sankhyan 9. Dr. Yashwant Singh University of Horticulture and Forestry. BIOSENSOR FOR PLANT HORMONE DETECTION AND MONITORING. Date of issue: 16/02/2026, Design No. : 439216-001.

Books

- Singh N, Sharma D P, Sankhyan N, 2023. **Basic Concepts in Fruit Science**. New India Publishing Agency, ISBN: 9788194766865, 8194766869.
- Devi S, Rana K, **Sankhyan N**, Kaul R. 2023. **Advances and Applications in Microbial Physiology**. Cambridge Scholars Publishing, ISBN13: 978-1-5275-9224-7.

Book Chapters

- Tamanna, Sharma, K., Kumar, S., **Sankhyan, N.**, Sharma, Y. P., Sharma, N., & Thakur, M. **2026**. *Traditional knowledge for drug discovery*. In M. Thakur (Ed.), *Natural products in drug discovery: Benefits, challenges, and opportunities* (pp. 25–42). Apple Academic Press. ISBN 978-1-998511-28-0 (hbk); ISBN 978-1-998511-29-7 (ebk).
- Chauhan Shivani, Sharma Nitin, Ghabru Arti and **Sankhyan Neeraj**. 2022. Drinking water contaminants: Types and Health risks. In: *Science of Environment* (Volume–III) (Dr. Wasudeo B. Gurnuleed). Scieng Publications, Tamil Nadu. pp.38-48. DOI:10.5281/zenodo.6592079
- **Sankhyan, N.** and Sigroha. S. 2020. Salvaging Nature from Ruins of Development in Mamang Dai's Poetry. In: *Global Perspectives on Eco-Aesthetics and Eco-Ethics A Green Critique* (Krishanu Maiti and Soumyadeep Chakraborty, eds). Rowman & Littlefield Publishing Group, London. pp. 157-168

Awards & Recognitions

- Received the Outstanding Assistance in Teaching Certificate at IIT Mandi, H.P. in Feb. 2014
- Awarded the Mukhya Mantri Protsahan Yojana scholarship during Ph.D. at IIT Mandi, H.P. in 2014