

Dr Rajneesh Kumar

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Specialization: Forest Products, Wood Science, Non-Timber Forest Products

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Ongoing Research Projects

- ICAR- Network Project on “Harvesting, Processing and Value Addition of Natural Resins and Gums”(Co-Principal Investigator)
- Establishment of Forestry Herbarium-preserved genetic resources of RET Species of H.P. funded by State (Co-Principal Investigator)

Important Research Publications

- Saurabh Sharma, Bhupender Dutt, Rajneesh Kumar, Jayashree Behera.2026. Incision geometry as a controlling parameter for cleaner oleoresin harvesting: wound recovery dynamics and resource efficiency in *Pinus roxburghii*. *Journal of Cleaner Production*. 556 (2026) 148206
- Rahul Sharma , Varun Thakur, Rajneesh Kumar , Rohit Sharma, Aayush Goonta & Anita Kumari. 2026. Assessment of xylem anatomical and chemical characteristics in Borehole tapped *Pinus roxburghii* wood: effect of diameter class and sampling height. *Wood Material Science & Engineering*. DOI: 10.1080/17480272.2026.2614066
- Umesh Sharma , Hari Paul Sankhyan , Vishal Singh Rana , Anita Kumari , Neeraj Sankhyan , Rajneesh Kumar , Shikha Thakur & Shilpa Sharma. 2025. Variability in wood physico-chemical properties of *Juglans regia* L. from Indian Himalayan region. *Wood material science & engineering*: DOI: 10.1080/17480272.2025.2522989
- R K Meena, B Dutt, R Kumar, A Kumar, S L Singh, K Sihag, Y Y Sumthane, I Singh, P Rawat.2023.Effectofnaturalplantextractsonwooddegradationandchemicalconstitute after decay test of *Pinus roxburghii* wood. *Agricultural Mechanization in Asia Africa and Latin America* .54(01):11421-1143.
- R Kumar, H P SankhyanandRKumar.2022. Evaluation of high resin yielding halvesib families of Chir pine for oleoresin yield traits in North western Himalayas. *Biological Forum – An International Journal*. 14(2):1413-1418.
- Sharma,V,Kumar R, Bhupender Dutt, Heena and Rajesh Kumar Meena,2020.*Toona ciliate* M. Roem.: Effect of heat treatment on shrinkage and swelling. *Journalof Pharmacognosy and Phytochemistry*. 9(5): 1922-1925
- Goitom Takele, KR Sharma and Rajneesh Kumar. 2019. Studies on anatomical properties of *Salix* hybrids wood. *International Journal of Chemical Studies*. 7(1): 472-476
- RK Meena, AU Nimkar and Rajneesh Kumar 2016. Correlation coefficient between physic-chemical properties of wood of *Tectona grandis* L. *Indian Journal of Ecology*. 43 (special issue-2): 880-881
- Rajneesh Kumar, Sharma K R, Bhupender Dutt and Varun Aatri.2015. Effect of Resin Tapping methods on oleoresin quality in blue pine (*Pinus wallichiana* A B Jackson). *Indian Journal of Ecology*. 42(2): 498-500
- R Kumar and KR Sharma, 2005. Standardization of borehole method of oleoresin tapping in Blue Pine (*Pinus wallichiana* AB Jackson). *Indian Journal of Non-Timber Forest Products*. 12(4):177-181

Books

- Upadhyay K, Kumar Rand Dobhal S:2023. Basic softwood anatomy. NIPAGEN electronic resources & Solutions P.Ltd, New Delhi.134p.(ISBN No. 978-93-91383-53-4)

Awards & Recognitions

- Merit scholarship during Ph.D. Forestry (Forest Products) Programme