

## Dr Shikha Bhagta

Assistant Professor

Specialization: Tree Improvement and forest genetic resources

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### Important Research Publications

- Shikha Bhagta , Poonam and Sharma Dushyant. 2022. Genetic Divergence studies in *Grewia optiva* through quantitative and molecular markers. International Journal of Economic Plants 8(1): 29-3.
- Manika Goswami, Shikha Bhagta and Dushyant Sharma 2020. Melia dubia and its Importance. International Journal of Economic Plants. 7(1):29-3
- H.P. Sankhyan, Shikha Bhagta and Sanjeev Thakur. 2019. Evaluation of half sib progenies to identify prepotency of the mother clones of *Grewia optiva* Drummond. Journal of Pharmacognocoy and Phytochemistry 8(4): 1265-70.
- J.P. Sharma, H.P Sankhyan. R.K Gupta, S.K Jha and Shikha Bhagta. 2019. Principal component analysis of Growth, Leaf and Biomass Traits of Indian Willow (*Salix tetrasperma* Roxb.). International Journal of Economic plants 6(4):181-85.
- Shikha Bhagta, HP Sankhyan, JP Sharma and Reena Kumari, 2019. Assessment of variability in half sib progenies of *Grewia optiwa* Drummond for various qualitative and quantitative traits in North Western Himalays, International Journal of current Microbiology and Applied Sciences 8(4); 1661-69.
- Shikha Bhagta, HP Sankhyan, Dushant Sharma and Tesfaye Ashine, 2019. Correlation and Path Coefficient Analysis in *Grewia optiva* Drummond. International Journal of Chemical Studies 7(3); 746-49.
- Kumari Reena , Sharma Ankita , Bhagta Shikha and Kumar Ramesh, 2018. River bed cultivation: A kind of vegetable forcing for remunerative retunes, International Journal of Current Microbiology and Applied Sciences 7(4); 359-65.
- Shikha Bhagta and H.P. Sankhyan, 2016, Progeny Evaluation of Open pollinated Seedling seed orchard of *Grewia Optiva* Drummond. for Seed Germination Attributes, International Journal on agriculture sciences 7(1) 103.
- H.P. Sankhyan and Shikha Bhagta, 2016, fodder quality analysis of open pollinated seedling seed orchard of *Grewia Optiva* Drummond, The Bioscan 11(2):709-13.
- Shikha Bhagta, H.P. Sankhyan, Sanjeev Thakur and S.S Sharma, 2015, Progeny Evaluation of Open pollinated Seedling seed orchard of *Grewia Optiva* J.R. Drumm. ex Burrett for Seed Morphometric Traits, Indian Journal of Forestry 38(4) 387-91.

## **Awards & Recognitions**

- University merit scholarship during B.Sc, M.Sc and Ph.D Programme.
- Awarded **Gold medal and certificate of honor** for securing 1st position in Phd Forestry in 46<sup>th</sup> annual function by Himotharsh parishad in Una (HP).
- Third prize for presentation of the research entitled “Prepotency in half-sib progenies of *Grewia optiva* for morphometric and fodder traits by Shikha Bhagta, HP Sankhyan and Jai Pal Sharma under theme Tree Improvement, Silviculture and Management in NAU-IES-IUFRO Conference held at Nausari Agriculture University, Navsari, Gujrat w.e.f. February 15-17 2023.