

Dr Shikha Thakur

Assistant Professor



Specialization: Forest Genetics and Molecular Biology

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Ongoing Research Projects

- Establishment of Clonal Bank (Nursery) and Development of DUS specific Characterization of Poplar Germplasm funded by Protection of Plant Varieties & Farmers' Rights Authority, New Delhi Long term (Principal Investigator).
- Establishment of Clonal Bank (Nursery) and Development of DUS specific Characterization of Willow Germplasm funded by Protection of Plant Varieties & Farmers' Rights Authority, Long term (Co-Principal Investigator).

Best Research Papers

- Anchal, Sharma JP, Tushal, Mahajan A and **Thakur S.** 2022. Estimation of Genetic Parameters of Willow (*Salix* spp.) Clones for Leaf Traits. *International Journal of Environmental Technology and Management*. 15 (Special Issue): 527-531.
- **Thakur Shikha**, Thakur Sanjeev, Jha Suman Kumar and Sharma Dushyant. 2019. Variability for first year growth in forty nine international clones of *Populus deltoides*. *International Journal of Chemical Studies* 7(1): 980-982.
- Chaudhari Chintankumar, Jha Suman Kumar, Dhaka Ravindra Kumar, Parekh Vipulkumar, Sankanur MS, Prajapat Pravin and **Thakur Shikha**. 2019. Genetic diversity analysis of teak in South Gujarat by RAPD marker. *International Journal of Chemical Studies* 6(6): 260-267.
- Chaudhari Chintankumar, Jha Suman Kumar, Dhaka Ravindra Kumar, Parekh, MS Sankanur Vipulkumar, Prajapat Pravin and **Thakur Shikha**. 2018. Assessment of ISSR based molecular variability in teak of South Gujarat. *Journal of Pharmacognosy and Phytochemistry* 8(1): 1040-1042.
- **Thakur Shikha**, Thakur Sanjeev and Jha SK. 2018. First year growth variation in some selected clones of *Populus deltoides* in Himachal Pradesh. *Journal of Pharmacognosy and Phytochemistry* 8(1): 1040-1042.
- Sharma D, Kumar A, **Thakur Shikha** and Sagar N. 2018. Initial growth performance of improved genotypes of *Melia dubia* in low hills of Himachal Pradesh. *International Journal of Chemical Studies* 6(6): 260-267.
- **Thakur Shikha**, Thakur IK and Sankanur M. 2017. Assessment of genetic diversity in drek (*Melia azedarach*) using molecular markers. *Journal of Tree Sciences* 36(1): 78-85.

- Thakur IK and **Thakur S.** 2015. Variability, heritability, genetic gain, genetic advance and correlation in growth characteristics of progenies of *Melia azedarach*. *The Indian Forester* **141**(3):247-253.
- Thakur IK and **Thakur S.** 2015. Principal Component Analysis of progenies of selected mother trees of Drek (*Melia azedarach*) for quantitative traits. *The Indian Forester*:**141**(8):838-842.
- **Thakur Shikha** and Thakur IK. 2014. Studies on variation, heritability, genetic gain and correlation in biomass characters of progenies of Drek (*Melia azedarach*). *Indian Journal of Forestry* **37** (3): 273-280.

Awards & Recognitions

- **Secured 1st position**-2007 during 10+2 at Sub-divisional level in Quiz Competition
- **Secured 3rd position**-2007 during 10+2 at District level in Quiz Competition.
- **University Merit Scholarship** in B.Sc. Forestry for 4 years.
- **University Merit Scholarship** in M.Sc. Forestry for 2 years (Tree Improvement and Genetic Resources).
- **INSPIRE Fellowship awarded** by Department of Science and Technology, New Delhi in Ph.D. Forestry (Tree Improvement and Genetic Resources).
- **Qualified ASRB-NET**-2014.
- **Certificate of Honour** in B.Sc. Forestry for securing OGPA more than 8.0
- **Certificate of Merit** in M.Sc. Forestry (Tree Improvement and Genetic Resources) for securing OGPA more than 8.0
- **Certificate of first rank holder** in M.Sc. Forestry (Tree Improvement and Genetic Resources).
- **First Best Poster Presentation Award-2023 during** NAU-IES-IUFRO Conference on “Tree Based Diversified Land-use System Augmenting Livelihood Security and Industrial Growth” February 15-17, 2023 at by Navsari Agricultural University (NAU), Navsari, Gujarat.