

FUTURE PLANS

Forest Biology and Tree Improvement

Forest Biology and Tree Improvement (FBTI) is a one of the disciplines of Forestry which deal with Tree breeding, Forest Biotechnology, Forest Genetics, Tree Improvement, Forest Genetic Resource conservation and Tissue Culture.

The focused areas are:

- ✓ Morphological, Biochemical and wood parameter characterization of teak
- ✓ Selection of Improved genetic material for state important timber trees e.g. Teak, Shisham, Shisoo, Khair, Arjun Sadad, Seven, Biyo, Neem etc.
- ✓ Selection of Improved genetic material for state important NTFP crop trees e.g. Behada, Harde, Gum kadiya, Desi bavad,, Mahuva, Timru, Charoli, Bamboo, Karaj etc.
- ✓ Selection of Improved genetic material for promising fast growing tree species potential to the farmer e.g. Melia, Eucalyptus, Ardusa, Subabul, Baboo, Mahogany, Drum Stick, etc.
- ✓ Introduction, Selection of improved genetic material of potential exotic tree species useful to the farmers and wood based industries of the Gujarat.
- ✓ Conservation genetics and propgation study of forest genetic resources and rare, endeared and threatened forest tree species of the Gujarat.
- ✓ Interacting with other desciplines of forestry, understanding their problem and solving using .principles of forestr genetics and tree improvement