



Training Programme on Bamboo Technologies

In collaboration on Centre for Environment Development, Wardha

(26th to 31st January, 2022) RESIDENTIAL

Training Mode: Theory & Practical || Language: English & Hindi
REGISTRATION DEADLINE: 18th January, 2022

Introduction

Bamboo is hailed as the green gold of the forest" and the poor man's timber". Not surprisingly then, architects and builders with preference for eco-friendly techniques are increasingly zeroing in on bamboo for building affordable and nature friendly dwellings.

Energy Crunch and Bamboo

Building materials like cement, steel, burnt bricks etc. require a lot of energy for production and transportation.

Bamboo requires the least energy for production, processing and transportation while its stress carrying capacity is excellent.

What Topics does this training program cover?

Types of Bamboos

Habitat; Habit; The Rhizome; The Culm; Sheaths; Leaves; Roots; Growth; Flowering; Properties of Bamboo; Dimensions; Splicing; Durability; Moisture Content; Weight; Strength; Cutting, Curing and Storage of Bamboo; Preservative Treatment against insects, rot and fire; List of Preservative: Fire Retardant Treatment; Bamboo Building Components; Artisan Products.

Utility Items of Bamboo:

1. Tree House from Bamboo
2. Treating bamboo for making it durable;
3. Cutting bamboo as per the requirement;
4. Making Bamboo Beam;
5. Lifting and Fixing Bamboo Beam on a tree;
6. Support Bamboo Beam Column on a tree and make a floor;
7. Make side railing on the tree;
8. Make side railing and staircase of Bamboo;
9. Make base for bamboo stair and fix it;
10. Bamboo polish and treatment also nut bolt repainting

Duration: 6 days (26th & 31 January, 2022) from 10.00 am to 5.00 pm

Venue: Centre for Environmental Development, Maganwadi, Wardha – 442001, Maharashtra

Registration: Interested participants may fill the online registration form hosted on the NIRDPR website or through the link: <https://forms.gle/LuxRBsPbWatjuBESA>

Registration Fee: Rs. 200/- (Rupees Two Hundred only) – Boarding & Lodging (Free)

Course Directors:

Dr. Soham Pandya, Chairman, CED and
Mr. Mohammad Khan, Sr. Consultant, CIAT&SJ

Coordinating Team:

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WHY SHOULD I JOIN?

Traditional Bamboo Artisans will learn new skills which will give an edge to their traditional skills. They will earn better wages.

Youths from JFM villages will be able to make their bamboo more durable by treating it with number of eco-friendly and chemical preservatives.

Such Bamboo will have more life and therefore fetch additional income.

Architect and Engineering students having versatile knowledge of different construction material like Bamboo will learn the technique of making

Eco Houses from Bamboo. It will give them reputation in a sector where Eco-friendly Houses are preferred and they will have more business in the competitive world.