



Post Graduate Certificate Course

Bamboo Application Technology (1 Year)

*Successfully running for the last
12 years*

CGBMIT-
school of
bamboo studies

This course is for anyone

who is enthusiastic about promoting sustainable living and building communities with a holistic approach towards local solutions using bamboo.

who is interested in having R&D, Incubation support and Enterprise development in Bamboo Application.

who wants to earn while they are engaged in incubation activities like product making or wedding Bamboo Decor, etc

who is interested in working in the bamboo sector, or starting an enterprise to establish a big business in the Bamboo sector.

About the course

This course is for anyone who is interested in working in the bamboo sector, starting an enterprise, training their community, or wanting to establish a large-scale business in the Bamboo sector.

The main purpose behind developing this course is to **promote the use of Bamboo for Integrated environmentally friendly development and to generate employment opportunities for the masses.**

To enrol in the course, the student has to have a graduate level qualification from any discipline

The broad objectives for the courses are as follows:

1. Promote the use of Bamboo as an eco-friendly material and technology by producing a technical workforce in this field.
2. Spreading the seeds - to be a platform for innovation in the area of Bamboo technology by setting up an organized education program.
3. Imparting to the students, necessary skills and abilities for employability in bamboo-based industries and enterprises.
4. Imparting to the students, first-hand knowledge and skill sets to be able to set up bamboo-based enterprises which are low capital intensive.
5. To promote the use of Bamboo technology in disaster management and rehabilitation.
6. Devising programs for the upliftment of living standards of rural and tribal populations in the country and providing livelihood security.

A structured one year course with:

- Home based course material
- Seven days contact lectures per semester
- One hands-on week per semester
- Project guidance by Expert Prof. Neelam Manjunath and Shri Gurudayal Saran

Core subjects

- Cultural education
- Social service
- Community building
- Comparative study of Religion
- General knowledge and current affairs

Subjects covered

- Bamboo Technology Overview
- Bamboo plantation and harvesting
- Enhancement of Natural durability of Bamboo
- Joinery and Prefabrication
- Bamboo Handicrafts Cottage Industry and product strategy
- Bamboo Building Construction
- Construction of Bamboo Structures
- Bamboo-Based Industries
- Disaster Management
- Entrepreneurship development

Cost

The course fee is Rs.30,000.



Glimpses of Past Course Cohorts

Mode of Education

- In the Home-based Education mode, students can access pre-recorded lectures of their courses at their convenience or through emails.
- Students are provided with self-learning printed material, question banks, and access to reference materials.
- Fully equipped workshops and live sites are made available for practical training, both locally and through well-planned contact programs at Headquarters.
- Live lectures on each course can be attended by all students with prior intimation during contact lecture programs.
- CGBMT Bangalore envisions utilizing bamboo for integrated, eco-friendly development and generating employment opportunities for the masses.



Admission process

To enrol in our program, students are required to complete an online registration process, which involves submitting necessary documents to validate their qualifications and payment of applicable fees. Following successful completion of registration, students can commence with their studies.

Our School of Bamboo Studies team is readily available to provide guidance and support throughout the enrolment process and during the duration of the course.



Upon successful completion of the course, students shall be able to:

- Gain exclusive access to our articles and research papers as part of our alumni group.
- Stay updated on upcoming workshops, competitions, and exhibitions.
- Learn to identify different types of bamboo based on species, age, color, internodes, thickness, harvesting techniques, etc.
- Determine suitable bamboo varieties for various purposes such as handicrafts, building structures, industrial applications, bridges, etc.
- Select appropriate bamboo species for plantations based on climatic conditions and intended use.
- Learn to establish and manage a bamboo plantation, including planting, maintenance, and harvesting techniques.
- Select suitable measures to safeguard bamboo against biodegradation for diverse applications.
- Practice straightforward craft-based activities.
- Gather, document, and implement traditional and native procedures for working with bamboo.
- Create easy bamboo constructions - both lasting and temporary, such as tents, pavilions, houses, bridges, etc.
- Pursue opportunities in different bamboo-driven industries.
- Establish a small-scale entrepreneurial venture.
- Acquire proficiency in managing building and other similar projects without assistance.

Certificate holders in bamboo technology could potentially explore the following employment opportunities:

- Establishing a small-scale industry as a self-employed person
- Working as a contractor or supervisor for bamboo building and other bamboo-based structures
- Employment opportunities in bamboo-based industries such as bamboo ply and boards, flooring, roofing, furniture, etc.
- Teaching positions in the field of bamboo and its applications
- Opportunities as a social worker
- Employment with disaster management organizations, including NGOs, government agencies, and international organizations
- Opportunities with various State Bamboo Missions across India
- Employment in architectural and interior design organizations
- Supervisory roles in various bamboo-based product industries, which are a rapidly growing market.



CGBMT- school of bamboo studies



cgbmt.org/courses



8396018019 / 9035159526



Bangalore, India