

WORKSHOP ON BAMBOO CONSTRUCTION

Reconstruction of a community bridge

Resource Person/Industry name:

Mr. Jossen K.R, Head of Construction, Uravu Eco Links Ltd

Venue: Thrikkaipetta, Wayanad, Kerala

Event Date **13-15/12/2018**

Event Co-ordinators name:

Mr. Muhammed Sadique

No. of participants: 18

08:00 AM to 06:00 PM



Objective:

The objective of the three-days workshop was to provide the 4th Semester BArch students with skills and proficiency in bamboo construction, to be applied in the development of their Architectural Design Studio project, namely the design of a Snake Venom Treatment Centre that was later built in Hallikerehundi, Mysore district.

Learning outcome:

The students have acquired fundamental knowledge about bamboo, its diverse species and specifically the locally available ones that are suitable for construction. They were also introduced to the possible uses of bamboo in landscape and its ecological value. They acquired advanced skills in bamboo construction, specifically: selection of bamboo for different structural and non-structural purposes; bamboo cutting and splitting; bamboo joinery using bolts and riveting; assembling bamboo by means of different types of joinery such as fish-mouth joinery and others.

Activities held:


Lessons about bamboo properties and bamboo construction by experts; guided walk through the bamboo grove and nursery to appreciate the different species of bamboo; visit to the craft workshop to see possible uses of bamboo in craft; brainstorming session for the reconstruction of a community bridge and discussion of the proposed drawings with site engineer; definition of final design; quantifying and selecting required bamboo at the depot; setting up a small construction site with distribution of tasks and materials; complete reconstruction of a community bridge from laying of foundation to roofing.

Head
 School of Architecture
 CHRIST (Deemed to be University)
 Bengaluru - 560 074

**CHRIST**(DEEMED TO BE UNIVERSITY)
BANGALORE · INDIA**School of Architecture**

Participants:

C.No	Participant Name	Affiliation
Faculty Members		
1	Ar. Anitha Suseelan	CHRIST, SoA
2	Ar. Chiara Chiodero	CHRIST, SoA
3	Ar. Nitika Torvi	CHRIST, SoA
Students		
1	Joel Thomas John	CHRIST, 4B.Arch
2	Polina Harshit Sri Vathsava	CHRIST, 4B.Arch
3	Purbali Maitra Arun	CHRIST, 4B.Arch
4	Thallapaka Krishna Revanth	CHRIST, 4B.Arch
5	Vismaya C A	CHRIST, 4B.Arch
6	Iyswarya J	CHRIST, 4B.Arch
7	Naveen Maria Fleming P	CHRIST, 4B.Arch
8	Jersiah Jeyaraj	CHRIST, 4B.Arch
9	Shalini V	CHRIST, 4B.Arch
10	Rehman Baig	CHRIST, 4B.Arch
11	Akash Shrikant Mane	CHRIST, 4B.Arch
12	A S Nikkitta Fame	CHRIST, 4B.Arch
13.	Renin Stewart J B	CHRIST, 4B.Arch
14.	Abin Thomas	CHRIST, 4B.Arch
15.	Kamesh P	CHRIST, 4B.Arch


Head
School of Architecture
CHRIST (Deemed to be University)
Bengaluru - 560 074