

School of Architecture

Report on Bamboo workshop at IPIRTI

INDUSTRY INTEGRATED LEARNING (Hands on Experience with bamboo)

Faculty coordinator: Ar. Kinjal Sheth, Er. Nagaraja

Activity: Bamboo Workshop

Venue: IPIRTI Bengaluru Campus

Program coordinator: Mr. Amitava Sil, Scientist and Head IPIRTI Field Station Kolkata

Date: .06.09.2022 to 07.09.2022

No. of Students: 25

About the Event/Activity: School of Architecture, REVA University organized two days' workshop "Understanding with Bamboo" at IPIRTI – Indian Plywood Industries Research & Training Institute, Bangalore to promote the research and skill development in bamboo structures.

As a part of MOU, IPIRTI may organize various activities including research funded projects, workshops, seminars and conferences in the field of bamboo. We as School of Architecture enhance our knowledge on bamboo construction and facilitate students by collaborating with IPIRTI. We conducted the workshop for our students from 7th semester SDL course.

We would like to thank our Director, Prof. Vidya Srikanth for her immense support in encouraging such initiatives.

About the Program:

Bamboo is an eco-friendly natural resource known for its rapid growth. Students will receive knowledge and skills as well as awareness of and practice in utilizing technologies that use bamboo, possibly in combination with other materials, and that help to conserve the environment. To become expert craftsman, confident in manifesting your design and ideas using bamboo as a material.

Objectives of the program:

- Learning how to use bamboo as a material
- To provide exposure to various tools and techniques for bamboo construction.
- Providing awareness on various standards and codes for use bamboo as structural and nonstructural elements
- Providing exposure on treatment process of bamboo to enhance durability

- Hands-On Experience making bamboo truss. Learning cutting, joineries and splitting of Bamboo

Program schedule is attached with this report for reference.















and sometime of	advertisating of Banker' (two b) IPB/II Bengelors	Charles Separation, 1857 III
	Program hidestate	
	Day 1: 4" September, Di	ii .
	Ohening Session 199,50 aug - 11:90 aug Maderotar: Shri Randanau	vx.
10100 pg - 20100 pg	Registration	Mr. Chitego Trisma
1939 wa - 1907 cm	Welcom Address	Dr. States Single Clembur Discount, \$198.73
10000 ms - 10-10 am	A rocal of well introduction	
30(11 pm - 31/40 am	Bushes and its properties	Styl. Agentys SII, Scientist (FBT)
0041 am - \$179 am	Potential of Blandoo in v wood substitute	Scientist, IPIKTI
11:11 au - 11:25 au	Ter	Brook
	Sestion I (Theory) 11: 15 ats - 91: 99 pm Moderator: Ms. Gargi Mati	,
() (26 mm + 12 it 5 pm)	Spaties - Column, Paties, Josep, Consulting	Wat Australia V B Science (FB.11
Chinas - 01:00 ps	Banksis Housing Techniques	Stirt, Ametavia Sci Scientist, IPDLY)
11: Ut per - 02 D0 per	Leach Break	
	Section II (Lab.: Corporary 2:30 per - 5:30 per	1
00:00 pm - 2:15 pm	Photo Seation	
10-16 ра - 0530 раз	Working with laurhou. Toute	Stat. Accome SS Surenal PETE & Stat. Parkistan V II Scientist, PECTI
	feet type, Desertes	
	Mining Burboo Trau	

	Section III (Theory & Practice 49:50 am - 61:50 pm Moderator: Ms. Gargi Matty	
00:30-au - 10:30 au	Treatment Francis of Marolan and in Marolan and in Marolan (Maring process, process, and Residence process, and injurious process.	Dr. Radimi Bloobing Beimfut, 1990.11
100,510 mm - 101545 mm	Tes Bresk	
10:46 at 1-11.00 po	Lab Tessing of Burston and Vian to Madri Burston Business	Start. Amend N Scientist, IPSETI & Shri Barriconnel V B Scientist, IPSETI
101: 101 pm -02:00 pm	Lauch Bresh	
	Senton IV (Finid Demonstrate 1:45 pm - 5:30 pm	ion)
6200 pm - 04/60 pm	Field decreasoration of hyprocontract operation	Dr. Rastro Standskag Scantint, IPSETI A Skri. America Sil Scientist, IPSETI
04.01 pm - 04.30 pm	Toky away from the workshop	Stei Amitava Sti Scientia, IPIRTI & Shri, Ramkumor V R Scientia, IPIRTI
04: 11 pm - 05: 30 pm	Dimbinion of Correlates	Director and Josef Develop