

POST WORKSHOP ONE DAY INTERNATIONAL CONFERENCE ON
“BAMBOO COMPOSITES”

11th February, 2019



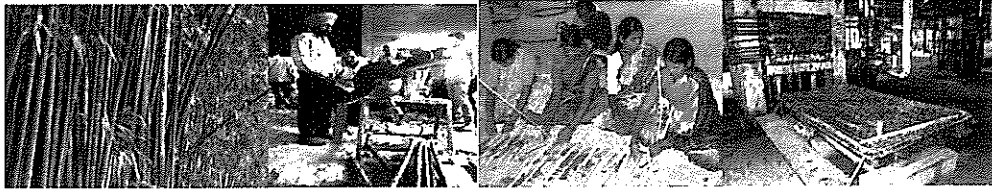
Venue

Indian Plywood Industries Research and
Training Institute (IPIRTI), Bengaluru, India

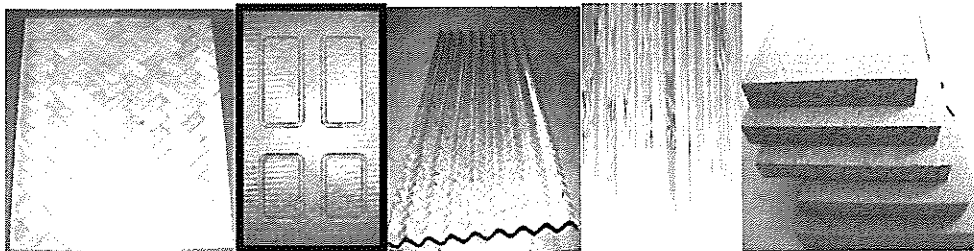
IPIRTI: Indian Plywood Industries Research and Training Institute (IPIRTI) is an autonomous body of the Ministry of Environment, Forests & Climate Change, Government of India. Since its inception in the year 1962, IPIRTI has been serving the panel Industries in the country by its continuous dedication towards Research and Development (R&D), training, testing and standardization of all sorts of composites from wood, bamboo and other agro-residues. It has its field station at Kolkata (West Bengal) and a centre at Mohali (Punjab). For further information please visit <http://ipirti.gov.in/>



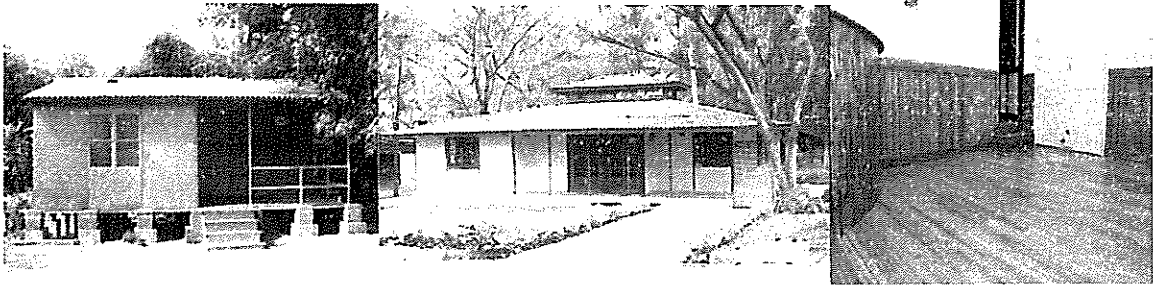
Backdrop: Bamboo is a versatile group of plants which is capable of providing ecological, economic and livelihood security to the people. In spite of huge bamboo resources and largest bamboo area of about 13.96 million hectares, domestic production in India is only about USD 4.5 Billion, which doesn't compare well with neighbouring countries viz. China which commands domestic market of about 30 Billion USD with only 6 million hectares of bamboo area. In order to bridge this awkward gap, it is imperative for all bamboo rich countries similarly placed as India, to focus upon Bamboo processing technologies for high-end products which may contribute significantly towards economic growth, employment generation and rehabilitation of the vast tracts of degraded land.



The high-end products out of bamboo are not only eco-friendly but also cost-effective, easy to adopt, durable, high-in-finish and are sustainable in the long run. Before embarking large scale industrial productions, the primary processing of bamboo at the harvest site is a must which meets the immediate monetary requirements of rural community from initial value additions. Once bamboo mats, strips, round sticks etc. are produced, further industrial processing with the use of resins/glues and other additives transforms bamboo into range of high value products. In this direction, significant R&D efforts have already been made at IPIRTI since mid-nineteen seventies which led to innovation of several bamboo composites. These can broadly be categorized into (a) Bamboo Mat Based Products e.g. Bamboo Mat Board (BMB), Bamboo Mat Corrugated Sheet (BMCS); (b) Bamboo Strip Based Products e.g. Bamboo vertical laminate, Bamboo horizontal laminate; (c) Bamboo lumber based products e.g Bamboo wood and (d) Bamboo housing & other applications e.g. Particleboard, MDF, matchsticks, etc. (Please visit <http://www.bamboocomposites.com/> for further information on bamboo related technologies and activities at IPIRTI).



Dissemination and extension of innovative bamboo technologies have led to further utilization of the bamboo mat and strip based composites for various end use application such as furniture, cladding, structure, housing, etc. - alternative to non-renewable materials. The housing technologies developed around bamboo viz. IPIRTI-TRADA and Prefab housings perform much better in earthquake prone regions.



Further, Bamboo composite technologies innovated at IPIRTI have already been transferred to industries for successful commercial production. For example, BMB technology was commercialised way back in the year 1985 in Angamaly, Kerala which is still doing good business in the country. Subsequently, the BMCS technology was commercialised in the year 2002 in Byrnihat, Meghalaya. In the recent time more industries have come up in North Eastern States of Tripura, Meghalaya, Assam, Mizoram and Nagaland producing BMB, BMCS, Bamboo Laminates, Bamboo Scrimbers etc. On a commercial scale, these products can cater to the growing markets of India and rest of the globe and have the potential to play a stellar role of game-changer for the challenged and backward economy of Bamboo-rich areas - especially the North East Region of India.

About the Conference: Keeping in view the vast untapped potential of the bamboo sector and in order to boost value addition of bamboo resources in the country, IPIRTI is organising a Post Workshop (as a sequel to 5 days World Bamboo Workshop being organized at Imphal, Manipur, India: Web - www.worldbambooworkshop.com) One-Day International Conference on “Bamboo Composites” *at IPIRTI Conference Hall, Bangalore, India on Monday, 11th February 2019.* It will be one of the flagship events of the IPIRTI and is expected to bring in the finest experts of the world together to chalk out the strategies for the sustainable growth of the Bamboo industry and disseminate the information on the latest advances and future opportunities for the development of Bamboo pan global.

The main objectives of the conference are:

- To promote the development and implementation of Bamboo composites
- To establish value chain networks within and outside India and to allow better coordination and cooperation at the national, regional and international levels.
- Take care to integrate the findings of the conference in the industrial perspective of National Bamboo Mission of India.

About the venue: Bengaluru, the capital of Karnataka State enjoys salubrious weather during the month of February and is very ideal time to visit the place. The overall temperature varies between 20° to 28° Celcius. To know more about Bengaluru please visit <https://www.opensourceindia.in/about-bengaluru/>

Registration: There is no registration fee. Limited funding for the selected participants available to cover the accommodation in Bengaluru and travel within India to attend the conference.

To register for the one day post workshop International Conference, please complete the attached form and return to Ms Sujatha D, Scientist - F, IPIRTI and Organizing Secretary of the conference (dsujatha@ipirti.gov.in)

For more information, please contact:

Ms. Sujatha. D
Organizing Secretary
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**POST WORKSHOP ONE DAY INTERNATIONAL CONFERENCE ON
BAMBOO COMPOSITES
on 11th February, 2019**

Pre- Registration Form

Title: Dr./Prof/Mr/Mrs/Ms: -----

Name: -----

Designation: -----

Organization/Institute: -----

Postal Address: -----

Country: -----

Pincode: -----

Tel. Official: -----

Mobile: -----

E-mail: -----

Fax: -----

I wish to Attend/Present a Paper Yes ----- No -----

Title of Paper/Presentation: -----

Accommodation Required: Yes ----- No -----

Date: ----- Signature: -----

For Further Details, Please Contact

Ms. Sujatha. D

Organizing Secretary

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