



## **Institute of Wood Science and Technology Bangalore**

### **“Interactive Meet to Promote Wood Preservation Technology” (25<sup>th</sup> April 2019)**

Institute of Wood Science and Technology, Bangalore (IWST), ICFRE under MoEF&CC organized an interactive Meet on ‘Wood Preservation’ on **25<sup>th</sup> April 2019 at IWST, Bengaluru**. Stakeholders from various allied wood industries, wood preservative suppliers etc attended the same. The Meet was conducted in collaboration with FRI, Dehra Dun, KFRI, Kerala and RFRI, Jorhat. The main objective of this Meet was to promote various Wood Preservation technologies developed by ICFRE mainly ZiBoC (developed by FRI, Dehra Dun), Environmental friendly preservatives, Nano preservatives etc.



Dr. Pankaj K. Aggarwal, Scientist-G and Head, WP & Extension welcomed the gathering and explained the purpose of conducting the meet. Dr. K.K. Pandey, Group Co-ordinator (Research) and Director-in-Charge gave a brief about the purpose of the Meet and also introduced the participants. This was followed by a detail presentation on ‘Current Trends in

Wood Preservation and ZiBoC as wood preservative’ by Dr. Sadhana Tripathi, Scientist-G, FRI, Dehra Dun. In her presentation, Dr. Tripathi briefed that a replacement for CCA is the need of the day. On detail study spanning over a decade, it is found that ZiBoC (Combination of Zinc Chloride, Borax and Copper Sulphate) an ecofriendly, economical, stable at room temperature and non-hazardous wood preservative is found effective and is as per BIS 401. She explained the process of adopting the technology from FRI, Dehra Dun.

Dr. T.K. Damodaran, Senior Scientist, KFRI, Peechi briefed the participants about the wood preservation technology studies being carried out at KFRI, Peechi. He also appreciated the efforts of FRI to develop eco-friendly preservatives.

Scientists of IWST viz., Mrs. D. Venmalar made a presentation on Eco friendly wood preservatives by non-edible seed oils, Dr. K.K. Pandey on behalf of Dr. S.R. Shukla gave a brief about Micronized Copper Azole (MCA)- A novel waterborne nano-wood preservative and Dr. R. Sundararaj presented about Wood Preservative from Coconut Shell Pyrolytic oil.

Dr. R.D. Borthakur, RFRI Johratgave a presentation on ‘Bamboo preservation techniques’ followed at RFRI. Mr. RajaMuthukrishnan, Retd. Scientist made a presentation about insect pests of timber under storage.

The detail interactive session was chaired by Dr. S.K. Sharma and Co-Chaired by Dr. Pankaj K. Aggarwal. The industrial participants discussed in detail about the problems their industries face and requested the experts in the field to suggest solutions for the same.

