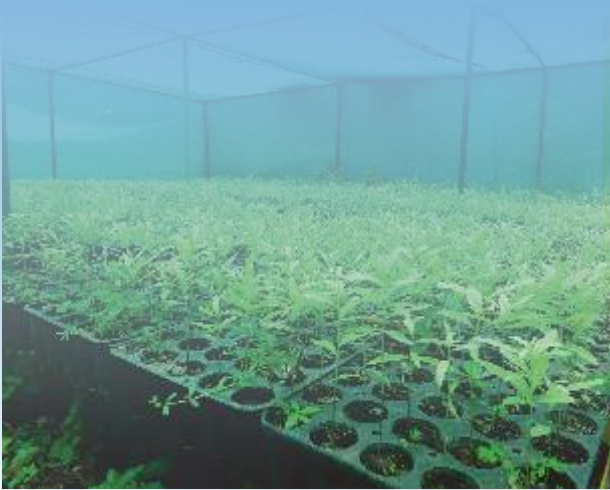


# TRAINING CALENDAR (2019-20)



**INSTITUTE OF WOOD SCIENCE AND TECHNOLOGY**  
(Indian Council of Forestry Research and Education)  
Bengaluru, Karnataka



## **VISION STATEMENT**

To attain excellence in forestry and wood science research for generation of desired resource values, uses, products and services in a way that sustains diversity and productivity in an eco-friendly regime.

## **MISSION STATEMENT**

To conduct, promote and support forestry research, education and extension in India for biodiversity conservation; climate change mitigation and adaptation; enhancing the quality of forest ecosystems, sustainable forest management; livelihood support systems; rural development; increasing the green cover in rural and urban areas and meeting the millennium development goals.

## Facilities

The Institute has well equipped laboratories, wood processing machineries, timber seasoning and preservation plant, nursery for raising seedlings and mist chamber for clonal propagation, Wood Polymer Composites Centre, Xylarium, insect museum, library and computer center etc. It also has nurseries and experimental field stations for conducting wood science and forestry research and imparting training. A Scientists' Hostel and a Guest House within the campus can accommodate the trainees well.

## Faculty

The Institute has qualified and trained faculty with national and International exposure. Apart from the scientists of the Institute, renowned experts from other reputed institutions/universities are also engaged as resource persons/guest faculty.

## Registration

The application/nomination letter should be sent in the prescribed format to the respective contact persons, Institute of Wood Science and Technology, 18<sup>th</sup> Cross, Malleshwaram, Bengaluru-560 003 at least 15 days before the commencement of the respective course. The requisite course fee can be paid through Demand Draft drawn in favour of **“The Director, Institute of Wood Science and Technology, Bengaluru” payable at Bengaluru.**

Participants are advised to commence their journey for the training only after receiving confirmation about the course. If adequate response for a particular course is not received, the same is liable to be cancelled. In that case, the course fee will be refunded to the concerned.

# SHORT TERM TRAINING COURSES CALENDAR

(2019-20)  
IWST, Bengaluru

## STATISTICAL METHODS IN FORESTRY

Course Director : Dr. Ritesh Tailor  
Mrs. P. R. Triveni  
Dates : 27<sup>th</sup> - 29<sup>th</sup> May, 2019  
Fees : Rs.6,000/- (With lodging and boarding) + 18% GST  
Rs. 4,500/- (Without lodging facility) + 18% GST

**Course Content** : Elementary Statistical Methods, Sampling Techniques, Design of Experiment, Application of Statistics in Forestry Research and Data Analysis using SYSTAT Software.

## INSTRUMENTATION TECHNIQUES FOR PHYTOCHEMICAL ANALYSIS

Course Director : Mr. Rakesh Kumar  
Dates : 8<sup>th</sup>-10<sup>th</sup> July, 2019  
Fees : Rs. 6000/- (With boarding and lodging) + 18% GST  
Rs. 4500/- (without lodging facilities) + 18% GST

**Course content** : Instrumental analysis with different chromatographic tools like GC, analytical HPLC and preparative HPLC, Spectroscopic analytical methods like UV and FTIR.

## FIELD IDENTIFICATION OF IMPORTANT TIMBERS

Course Director : Dr. S. R. Shukla  
Dates : 22<sup>nd</sup> - 26<sup>th</sup> July, 2019  
18<sup>th</sup> - 22<sup>nd</sup> November, 2019  
Fees : Rs. 10,000/- (With boarding and lodging), + 18% GST  
Rs. 6000/- (without lodging facility)+ 18% GST

**Course content:** Method of identification (Physical properties and internal structural features); Field Identification of 25 commercial timbers.

## **BAMBOO : PROPAGATION, VALUE ADDITION AND MARKETING**

**Course Director** : Dr. T. N. Manohara  
**Dates** : 26<sup>th</sup> - 28<sup>th</sup> August, 2019  
**Fees** : Rs. 6,000/- (With boarding and lodging), + 18% GST  
Rs. 4500/- (without lodging facility) + 18% GST

**Course content** : Bamboo: an overview and prospects for domestication, Propagation methods, Pest and Diseases Problem and its Protection, Bamboo Preservation Techniques, Design Principles, value addition, Bamboo Thermo Plastics Composite Gasification and Bioenergy, Lifestyle products, Policy and marketing related issues, Half day field visits to established bamboo plantations.

## **WOOD SEASONING AND PROTECTION**

**Course Director** : Dr. Pankaj Aggarwal (for course I)  
Dr. Shakti Singh Chauhan (for course II)  
**Dates** : 23<sup>rd</sup> -27<sup>th</sup> September, 2019  
3<sup>rd</sup> - 07<sup>th</sup> February, 2020  
**Fees** : Rs. 10,000/- (With boarding and lodging), + 18% GST  
Rs. 6000/- (without lodging facility) + 18% GST

**Course content** : Wood drying and preservation, basic concepts of wood drying, methods of wood drying, drying schedules, different types of drying defects and their control, different types of wood preservatives, methods of wood treatment and safety measures (i.e. handling issues, Wood modification, protection from weathering and wood coating, wood degradation by different kinds of bio-organisms (i.e. fungi, termites, borers, etc.) and marine biodegradation and preventive measures.

## **SANDALWOOD FARMING AND MANAGEMENT OF ITS HEALTH**

**Course Director** : Dr. R. Sundararaj  
**Dates** : 5<sup>th</sup> - 7<sup>th</sup> November, 2019  
**Fees** : Rs. 6,000/- (With lodging and boarding) + 18% GST  
Rs. 4,500/- (Without lodging facility) + 18% GST

**Course Content** : Basics of raising healthy Sandalwood seedlings and plantations. Diseases of Sandalwood and their management. Pest problems of Sandalwood and their management. Display of pest and disease problems in field conditions and demonstration of effective management measures.

## **SANDAL-WOOD : SEED HANDLING, NURSERY AND PLANTATION TECHNOLOGY**

**Course Director** : Dr. N. Ravi (for course I)  
Dr. B. N. Diwakara (for course II)  
**Dates** : 09<sup>th</sup> -13<sup>th</sup> December, 2019  
10<sup>th</sup> - 14<sup>th</sup> February, 2020  
**Fees** : Rs. 15,000/- (With boarding and lodging), + 18% GST  
Rs. 10,000/- (without lodging facility) + 18% GST

**Course Content** : Components of nursery, FGS propagation techniques, composting, concept of root trainers based seedling production, seed technology, supplementary nutrition, bio-fertilizers, pest management in nursery and quality assessment of seedlings (includes one day field tour and half day field visit to KSDL).

**Note:** All the above courses can be scheduled as per request to any mutually convenient period.

**Advanced Wood working Training Centre (AWTC) of the Institute imparts Training on**

1. Basic machinery
2. CNC machine and
3. PYTHA software on regular basis to the industries and other stakeholders.

**For details please visit our website:** <http://icfre.gov.in/awwtc/awwtc.htm>

- Note:**
1. GST will be charged extra as applicable. GST charges are exempted for all Government organizations.
  2. For students/Research Scholars, a concessional fee of Rs. 4000/- and Rs. 6000/- (without lodging facility) will be charged for 3 days training and 5 days training respectively.
  3. The training fee may be remitted to the institute training account as per the following details

**Account Name** : Director, IWST training  
**Bank Name** : Union Bank of India  
**Account Name** : 392002010007384  
**IFSC Code** : UBINO539201  
**Swift Code** : UBININBBGNB

**IMPORTANT INFORMATION**  
Website: <http://iwst.icfre.gov.in>

**Extension Officer**  
**Institute of Wood Science and Technology**  
18<sup>th</sup> Cross, Malleswaram, Bengaluru - 560 003  
Phone: 080-2219 0179 | 080-2219 0106  
Fax: 080 23340529  
E-mail : [extension\\_iwst@icfre.org](mailto:extension_iwst@icfre.org), [pankaj@icfre.org](mailto:pankaj@icfre.org)

