

Monthly report for the Month of January 2021
Institute of Wood Science & Technology, Bengaluru

IMPORTANT RESEARCH FINDINGS:

1. NEW PROJECTS SANCTIONED DURING THE MONTH: NIL

2. PROJECTS CONCLUDED DURING THE MONTH: NIL

Name of the project	Amount Sanctioned	Sponsoring Authority

3. PARTICIPATION IN SEMINARS/WORKSHOPS (BOTH NATIONAL & INTERNATIONAL): NIL

Sl. No	Topic	Duration	No. of participants	Beneficiaries

4. MEETINGS ORGANIZED: NIL

Sl. No	Topic	Duration	No. of participants	Beneficiaries

5. MEETINGS ATTENDED: NIL

Sl. No	Topic	Duration	No. of participants	Beneficiaries

6. WORKSHOP ORGANIZED: NIL

Sl. No	Topic	Duration	No. of participants	Beneficiaries

7. TRAININGS ORGANIZED:

Sl.No	Topic	Duration	No. of participants	Beneficiaries
1	Virtual/Online One week Refresher Course for IFS Officers on “ Advances in Wood Production and Utilization ”	04 - 08 Jan 2021 (5 days)	30	Indian Forest Service (IFS) Officers nominated by MoEF&CC
2	Training on “ Sandalwood Nursery/Seed Handling, Nursery and Plantation Technology ”by SFM Division	20-21 Jan 2021 (2 days)	21	Farmers from various states

8. TRAININGS ATTENDED: NIL

Sl. No	Topic	Duration	No. of participants	Beneficiaries

9. DEMONSTRATIONS:NIL

Sl.No	Topic	Duration	No. of participants	Beneficiaries

10. PARTICIPATION IN KISAN MELA/EXHIBITION/TRADE FAIR ETC:

Institute	Participated	Duration	Place

11. OTHER EXTENSION ACTIVITY:

- Memorandum of Understanding has been signed with Society of Applied Microwave Electronics and Engineering Research (SAMEER), Mumbai AND Indian Plywood Industries Research and Training Institute, (IPIRTI), Bangalore on “**Development of Dielectric Heating Based Processing Technologies for Solid wood, Bamboo and their Composites**”under AICRP - 5 of IWST

12. RESEARCH PAPERS:

- Divakara, B.N. and V.P. Tiwari, 2021, Distribution, Growth and Yield of Santalum album L. in Karnataka, India; *Indian Forester* 147(1): P 42-50
- Divakara, B.N., C.U. Nikhitha, S.S. Chauhan, (2020), Inventory on Deciphering Interiors of Commercially Important Indian Trees Using 3D Electric Resistance Tomograph (ERT)*Indian Forester*, 146 (12) : 1149-1153, 2020

- Moumita Chatterjee, N. Soumyashree and T.N. Manohara. “Carbon Sequestration Potential of the Tree, *Dalbergialatifolia* Roxb”, Book chapter in the book “*Building climate change Resilience*” published by Excel India Publishers New Delhi
- Durai, M V (2020). Metabolites profiling in central-fruit-axis, *My Forest*, 56(4):91-97.
- Sivanantham, Amrutha, Abdul Bari Muneera Parveen, Muthusamy Muthupandi, Kesavadas Vishnu, **Surendra Singh Bisht**, Veerasamy Sivakumar, Modhumita Ghosh Dasgupta, (2021), Characterization of *Eucalyptus camaldulensis* clones with contrasting response to short-term water stress response; *Acta Physiologiae Plantarum*, 43:14, <https://doi.org/10.1007/s11738-020-03175-0>

Popular Articles:

- Need of furniture testing and certification facilities in India - .S.R. Shukla and T.K. Dhamodaran:
- Desirable Wood Properties for application in furniture - S.R. Shukla and S.K. Sharma

13. VISIT OF DIGNITARIES: NIL

14. CONSULTANCIES:

- Dr. R. Sundararaj, Head and Scientist-G and Mr. R. Rajarishi, Scientist-E visited M/s M & G Impex (I) Pvt. Limited, Kammandoddi, Krishnagiri Taluk, Tamil Nadu in connection with inspecting different types of trees which are infected by diseases. Consultancy charges received.

15. OTHER IMPORTANT ACTIVITIES:

- Dr. A. Muthukumar, Scientist-E submitted Project Completion Report of ICFRE funded project titled “Incidence, Forecast and Control of Emerging and Re-emerging Disease Problems in Nurseries & Plantations of Sandalwood”.
- Dr. A. Muthukumar, Scientist-E submitted Project Completion Report of KFD funded project titled “The Role Of Bio-Fertilizer In Eco-Restoration Of Problematic Sites Like, Mine Reject Sites in Karnataka.
- Dr. A. Muthukumar, Scientist-E represented IWST as an Expert Member of Tree Expert Committee (TEC) formed by Govt. of Karnataka (as per the order from Honorable High Court of Karnataka) for conducting field visits/meetings/ submission of reports for the applications submitted to BBMP/ Bengaluru Urban on felling of trees in context to infrastructure development projects.
- A field trip was organized to the Channapatana Crafts Park (CCP) on 31-12-2020. Dr. Rakesh Kumar, Scientist-E and Dr. T. K. Dhamodaran, Chair of Excellence (Forest Products), ICFRE, at IWST attended the field visit. The team visited units in the CCP and interacted with artisans and unit owners and attended a meeting organized by the office bearers of Laghu Udyog Bharati, Karnataka (LUB-K).

- Test reports of 4 wood samples for identification, 5 samples for moisture content and 1 sample for Density were sent to the concerned department/parties.
- The institute celebrated Republic day on 26 January 2021 by hoisting the National flag. This was followed by cultural program based on patriotic and moral ethics & values.