

Monthly report for the Month of Sept 2019
Institute of Wood Science & Technology, Bengaluru

1. IMPORTANT RESEARCH FINDINGS: Nil

2. NEW PROJECTS SANCTIONED DURING THE MONTH: Nil

3. PROJECTS CONCLUDED DURING THE MONTH:

- Biological degradation and weathering behaviour of wood-polymer composites. PI: Dr. Pankaj Aggarwal (2016-September 2019) Funding Agency: ICFRE
- Development of agro fiber filled reinforced polypropylene composites. PI: Dr. Pankaj Aggarwal (2017-September 2019) Funding Agency: Karnataka Forest Department
- Effect of management practices on wood quality of *Meliadubia* Cav. PI: Dr. S.K. Sharma (April 2017- September 2019) Funding Agency: Karnataka Forest Department
- Comparative study on growth, wood quality and financial returns of teak managed under different agroforestry practices in Karnataka. PI: Dr. S.R. Shukla (April 2017- September 2019) Funding Agency: Karnataka Forest Department

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

Sl. No	Topic	Duration	No. of participants	Beneficiaries
1	XXV IUFRO World Congress in Curitiba, Brazil.	29 Sept – 5 Oct 2019	2	Scientists

5. MEETINGS:

Sl. No	Topic	Duration	No. of participants	Beneficiaries

6. WORKSHOP:

Sl. No	Topic	Duration	No. of participants	Beneficiaries

7. TRAININGS ORGANIZED:

Sl. No	Topic	Duration	No. of participants	Beneficiaries
01	Extraction, isolation and chemical structure identification of phytochemicals	July 15 - Sept 6 2019	04	Students of Integrated M.Sc. in Chemistry from Center for Basic sciences, Pt. RavishankarShukla University, Raipur, Chhattisgarh
02	Project DPR Krishna: “Stakeholders consultation meeting on DPR Krishna - Maharashtra state” at Pune.	18 Sept 2019 1 day	120	DCF/DFOs of all Forest Divisions, PCCF, APCCF, NGOs, Officers from Agriculture Dept. Commissioner Agriculture, District Collectors, Resource persons from Universities Revenue Department
03	Wood Protection	23-27 Sept 2019 5 days	03	INS, Shivaji, (02 nos.) SQAE, Mumbai (01 no.)
04	Timber Identification	25-27 Sept 2019 3 days	41	RFO Traniees The State Forestry Training Society, Kundal,

8. TRAININGS ATTENDED:

Sl. No	Topic	Duration	No. of participants	Beneficiaries
1.	One week orientation training course for ICFRE scientists on “Use of Remote Sensing and GIS in Forestry” conducted by Indian Institute of Remote Sensing (ISRO, Govt. of India), Dehra Dun.	23 - 27 Sept 2019 5 days	2	ICFRE scientists

9. DEMONSTRATIONS:

Sl. No	Topic	Duration	No. of participants	Beneficiaries
Nil				

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

Institute	Participated	Duration	Place
Nil			

11. OTHER EXTENSION ACTIVITY:

- Under Prakriti Program 86 students of Grade V from Gear Innovative International School, Bangalore visited the institute on 13th Sept 2019.

12. RESEARCH PAPERS:

- Shukla, S.R.. (2019) Evaluation of dimensional stability, surface roughness, colour, flexural properties and decay resistance of thermally modified *Acacia auriculiformis*. *Maderas. Cienciy tecnologia*, 21 (4): 433-446, DOI: 10.4067/S0718-221X2019005000401
- Divakara BN (2019). “Exploring the Possibilities of Quantifying Heartwood of *Tectonagrandis* Linn. f. Using Electrical Resistivity Tomography (ERT) for Tree Improvement” In: 25th IUFRO world congress with theme “Forest Research and Cooperation for Sustainable Development” held on 29th Sept – 5th Oct 2019 at Curitiba, Brazil.
- Divakara BN 2019. “Inventory on deciphering interiors of commercially important Indian trees using 3D Electrical Resistivity Tomography (ERT)” In: 25th IUFRO world congress with theme “Forest Research and Cooperation for Sustainable Development” held on 29th Sept – 5th Oct 2019 at Curitiba, Brazil.
- Divakara BN 2019. “The pattern of tree species composition changes along the urban-rural gradient in the Indian megacity of Bengaluru” In: 25th IUFRO world congress with theme “Forest Research and Cooperation for Sustainable Development” held on 29th Sept – 5th Oct 2019, 2019 at Curitiba, Brazil.
- Sundararaj, R., Wilson, J.J. and Vimala, D. (2019). Stem borers of Indian sandalwood (*Santalum album* Linn.) in Karnataka, India. *Journal of the Indian Academy of Wood Science*, 16 (1): 31-35.

13. VISIT OF DIGNITARIES:

14. CONSULTANCIES:

- Dr. A. Muthukumar, Scientist-E and Mr. Rajarishi, Scientist-D extended consultancy services for assessment of health of street trees located at Sadashivanagar, Bangalore on the request of Sh. Mallikarjuna, An Activist and resident of Sadashiva nagar.
- Mr. Rajarishi, Scientist-D as a team member of NTPC (monitoring of plantations) submitted an Interim Report of Pre-monsoon survey conducted during the month of May 2019.

15. OTHER IMPORTANT ACTIVITIES:

- Dr. A. Muthukumar, Scientist-E participated in an Expert Committee meeting as an Expert, conducted under the Chairmanship of Additional Chief Secretary (Forests) on 12.9.2019 regarding ShriDattatreya T Devare Case (WP No.17841/2018).
- 2. Dr. R. Sundararaj, Scientist-G presented a project proposal entitled “Determination of the vector of Sandal Spike Disease (SSD) of Indian sandalwood (*Santalum album* L.) and development of integrated vector management strategies” before 60th meeting of the Project Screening Committee (PSC-II) for “R &D” at NMBP, New Delhi.
- As part of education tour 33 Artisan trainees of Madras Engineering Group, Bangalore visited the institute on 24th September 2019
- Chemical analysis for one wood sample received from BSNL, Silvasa was conducted and test report sent.
- Wood testing enquiries (8 samples for identification, 3 samples for moisture content, 3 samples for specific gravity tests and 2 samples for other tests, were received and test reports of 12 samples for identification, 11 samples for moisture content, 6 sample for specific gravity tests and 8 sample for other tests were sent to the concerned department/parties.)