

Newsletter for the Month of January 2020

Institute of Wood Science & Technology, Bengaluru

1. Significant Research Findings:

2. Publications:

- Kumar, R., Tsvetkov, D. E., Varshney, V.K. and Nifantiev, N. E. (2020). Chemical constituents from temperate and subtropical trees with reference to knotwood, *Industrial Crops and Products*, 145; 112077; doi.org/10.1016/j.indcrop. 2019.112077.
- Kumar, R. and Bisht, S.S. (2019) Review on utilization of bark of red sanders (*Pterocarpussantalinus* L.): An economically important tree. *Tropical Plant Research* 6(3): 393–396, DOI: <https://doi.org/10.22271/tpr.2019.v6.i3.048>.
- Surendra Singh Bisht and K KPandey. “Simple and Rapid Infra Red (IR) Spectrum based detection method for discrimination of pure Sandalwood and other essential oils” (Application No.201841021755), in *The Patent Office Journal*, No. 03/2020, dated 17/01/2020, Page-4130.
- Shwetha, V., R. Raja Rishi, R. Sundararaj, T.P. Sunayana (2019). Checklist of Entomofauna of Mangrove Ecosystem in India. *International Journal of Science and Nature*. IJSN Vol.10 (4)2019:159-177.
- Sandeep C and TN Manohara. 2019. Sandalwood in India: Historical and cultural significance of *Santalum album* L. as a basis for its conservation. *NeBio*10 (4):235-1.

3. Consultancies:

- Dr. A. Muthukumar, Scientist –E visited field related to Tree Expert Committee on 7.1.2020 & 16.1.2020 within the limits of Municipal Corporation, Bangalore for assessment of trees identified for felling under various developmental projects.
- Dr. A. Muthukumar, Scientist –E visited Bellahalli Municipal Solid Waste Quarry area for investigation and suggestion for rehabilitation of the landfill Quarry area on 9.1.2020. Submitted Investigation report of Bellahalli Municipal Solid Waste Quarry on 21.1.2020 to BMRCL.
- Dr. A. Muthukumar, Scientist –E visited Chickmagalur for investigation on health status of sandalwood plantations of a farmer from Chikkamane village on 22nd and 23rd January 2020

4. Tree Growers Mela/KisanMela:

Institute	Participated	Duration	Place
Organized by Indian Science Congress Association, Kolkata and University of Agricultural Sciences,	107 Indian Science Congress – Pride of India Expo	3 – 7 Jan 2020	GKVK Campus, University of Agricultural Sciences, Bangalore

5. Visit abroad: Nil

6. Meetings Organized:

Sl. No	Topic	Duration	No. of participants	Beneficiaries

7. Meeting Attended:

Sl. No	Topic	Duration	No. of participants	Beneficiaries
1	BBMP Tree Experts Committee Meeting	21 Jan 2020	1	Chairman and committee members and Tree experts
2	National conference on Sustainable Natural Resources Management: An Engineering Perspective; Organized by Department of Natural Resource Management, College of Forestry, Ponnampet, University of Agricultural and Horticultural Sciences, Shimogga.	28-29 Jan 2020.	1	

a) Training Programs Organized:

Sl. No	Topic	Duration	No. of participants	Beneficiaries
1	Compulsory Training Course for IFS officers on Advances in Wood Production and Utilization.	6 - 10 January 2020	13	IFS Officers

2	Bamboo Technical Support Group (BTSG) - ICFRE sponsored training program on Bamboo Nursery and Development	20 – 25 January 2020	25	Farmers from Karnataka, Telangana and Andhra Pradesh
3	Bamboo Technical Support Group (BTSG) - ICFRE sponsored training program on Value Addition - Bamboo Technologies	27 Jan - 1 Feb 2020	25	Bamboo Artisans and Master Craftsmen from Karnataka, Telangana and Andhra Pradesh

b) Training Programs Attended:

Sl.No	Topic	Duration	No. of participants	Beneficiaries
1	HRD Training program on UNDP-GEF Global ABS Project organized by IFGTB, Coimbatore	28 – 29 Jan 2020	1	ICFRE Scientists
2	FGR Management & Conservation at NBPGR, New Delhi	27-31 Jan 2020	2	ICFRE Scientists

8. Rajbhasha News: Nil

9. Visit of Dignitaries: Nil

10. Popularizing forestry through Radio/TV etc.: Nil

11. Awards: Nil

12. Miscellaneous:

- Under Prakriti program 158 students of Grade VI & VII from BGS World School, Bangalore visited the institute on 16 January 2020
- Under Prakriti program 127 students of Grade V from BGS World School, Bangalore visited the institute on 17 January 2020
- Under Prakriti program 52 students of Grade V – VIII belonging to the Eco club of St. Marys Public School, Bangalore visited the institute on 28 January 2020
- As part of South & Central India Tour 40 Indian Forest Service Probationers of 2018-20 Course visited the institute on 8 January 2020

- As part of curriculum 10 students of III semester MSc from Department of Forest Science, Nagaland University, Lumami, Nagaland visited the institute on 13 January 2020
- As part of education tour 32 students of I & II MSc (Botany) from ManonmaniamSundaranar University, Tirunelveli, Tamilnadu visited the institute on 28 January 2020
- As part of education tour 30 students of I, II & III BSc (Biotech, Botany & Chemistry) from Aditya Institute of Management Studies and Research, Bangalore visited the institute on 29 January 2020
- ChakrabortySandeep, Viswanath S., Shetteppanavar, V.S. Screening of selected hosts for sandalwood seedlings; Abstract present in Ponnampet Forestry Collegeon 28 Jan 2020
- Madhusudhana Reddy B., Suresh H.S., Manohara T.N. Understanding the Forest Fire Regime in seasonally dry tropical forests of southern India by using Remote Sensing and GIS: AReview.National conference on Sustainable Natural Resources Management: An Engineering Perspective; 28-29 January 2020.Abstract Published Page No. 107
- Leelavathy K U, Surendra Singh Bisht, “A study on extractive content and HPLC analysis of Red Sanders (*Pterocarpussantalinus* Linn) wood grown in different locations” at National Conference on Innovations In Chemical Sciences (NCICS-2020), 30 – 31 January 2020, University of Mysore,
- Chemical analysis of one sample received from M/s. MSquare Engineers, Pune carried out and report sent.
- Wood testing enquiries (4 samples for identification, 1 sample for moisture content, 1 sample for specific gravity tests and 0 sample for other tests, were received and test reports of 7 samples for identification, 2 samples for moisture content, 1 sample for specific gravity tests and 0 sample for other tests were sent to the concerned department/parties.)
- The institute observed Republic Day on 26th January 2020. The day was marked by hoisting of National Flag by Dr. M. P. Singh, Director, IWST. The preamble of the Constitution of India was read collectively by the employees in three languages namely Hindi, English and Kannada. Director, IWST then addressed the gathering of officers, scientists, staff and students of IWST. This was followed by sports events organized for staff, students and their family members.

13. Staff News:NIL