

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

1. IMPORTANT RESEARCH FINDINGS: -

2. NEW PROJECTS SANCTIONED DURING THE MONTH: Nil

Sl.No	Name of the project	Amount Sanctioned	Sponsoring Authority

3. PROJECTS CONCLUDED DURING THE MONTH: Nil

Sl.No	Name of the project	Amount Sanctioned	Sponsoring Authority

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

Sl. No	Topic	Duration	No. of participants	Beneficiaries
1	Participated in national webinar on 'Biodiversity characterisation and use of indices' organised by National Biodiversity Authority	19 July 2021 1 day	1	Scientists
2	Participated in Symposium on "Pollinators and Seed Dispersers: Nature's Gardeners" organized by Prof. (Dr.) Renee Borges (Centre for Ecological Studies, IISc, Bengaluru and Prof. KR Shivanna, Ashoka Trust for Research in Ecology and Environment and Indian Academy	2 Jul 2021 1 day	1	Academicians, Professors, Researchers from different institutions, universities etc
3	Participated in the International Webinar on "Advancements in Teak Cultivation: Genetic Resources and Technologies" organized by IFGTB, Coimbatore.	16 July 2021 1 day	2	State Forest Departments (SFDs) including, Andhra Pradesh, Chhattisgarh, Odisha, Madhya Pradesh, Karnataka,

				Kerala, Telangana, Tamil Nadu, state forest development corporations (SFDCs) like Maharashtra, Scientists, Officers and researchers from ICFRE Headquarters and all ICFRE institutes, farmers, nursery entrepreneurs, commercial tissue culture laboratories, forestry colleges, post graduate and doctoral students.
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5. MEETINGS ORGANIZED:

Sl. No	Topic	Duration	No. of participants	Beneficiaries

6. MEETINGS ATTENDED:

Sl. No	Topic	Duration	No. of participants	Beneficiaries

7. WORKSHOP ORGANIZED:

Sl. No	Topic	Duration	No. of participants	Beneficiaries
1	Hosted Bharat KaMahotsav: Online Digital Poster and Drawing Competition on the topic "Importance of conservation of the pollinators in different eco-systems". About 140 students from colleges/Universities of different states actively participated in the program by sending digital posters and drawings through online mode. Posters were screened and 1 st , 2 nd	5-11 July 2021	140	Students from colleges/universities of different states.

	and 3 rd prizes announced in IWST Website.			
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8. TRAININGS ORGANIZED:

Sl.No	Topic	Duration	No. of participants	Beneficiaries
1	Virtual training, as part of All India Study Tour,	20 July 2021	180 Students of B.Sc.(Hons.), Forestry Program	Dr. Y. S. Parmar University of Horticulture and Forestry, Nauri, Solan, Himachal Pradesh

9. TRAININGS ATTENDED: Nil

Sl. No	Topic	Duration	No. of participants	Beneficiaries

10. DEMONSTRATIONS: Nil

Sl.No	Topic	Duration	No. of participants	Beneficiaries

11. PARTICIPATION IN KISAN MELA/EXHIBITION/TRADE FAIR ETC: Nil

Institute	Participated	Duration	Place

12. OTHER EXTENSION ACTIVITY:

13. RESEARCH PAPERS:

- Annapurna D, Warriar RR, Arunkumar AN, Aparna R, Sreedevi CN, Joshi G. Development, characterization, functional annotation and validation of genomic and genic-SSR markers using de novo next generation sequencing in *Meliadubia* Cav. 3 Biotech. 2021 Jul;11(7):310. doi: 10.1007/s13205-021-02858-w.
- Rajarishi, R. and R. Sundararaj (2021). Incidence of bark feeding borer *Inderbelaquadrinota walker* (Lepidoptera: cossidae) on *Sonneratia apetala* in the mangroves of Maharashtra, India. *Journal of Entomology and Zoology studies*. 207-209.
- Sundararaj, R., P. Swetha, R. Rajarishi, M. Kantha Reddy and Soma Mandal (2021). Detrimental factors in the regeneration of Indian sandalwood (*santalwood album* Linn): Analysis with two cases studies. *Indian Journal of Tropical Biodiversity*. Society for promotion of Tropical Biodiversity, Jabalpur. P.No. 20-27.

14. VISIT OF DIGNITARIES: Nil

15. CONSULTANCIES:

16. OTHER IMPORTANT ACTIVITIES:

17. Submitted Final PCR for the completed project titled “Development of bamboo lumber using different bamboo species and evaluating its utilization potential as alternate to solid wood lumber for different structural applications.” (PI Dr. S. K. Sharma, Scientist G)

- Dr. Muthukumar, Scientist-E attended the Tree Expert Committee meeting on 02/07/2021 and 16/07/2021 as an Expert Member (assigned by High Court of Karnataka / Govt. of Karnataka)
- Dr. Muthukumar, Scientist-E carried out field visit to BIAL and ATREE on 05/07/2021 and 06/07/2021 regarding "Report / Technical Survey of Our Various City Forests Developed In and Around Bengaluru, Using Akira Miyawaki Technique",.
- Dr. Muthukumar, Scientist-E carried out field visit to Ramnagara (SFD) and Toyota Kirloskar Motors on 09/07/2021 and 15/07/2021 regarding "Report / Technical Survey of Our Various City Forests Developed In and Around Bengaluru, Using Akira Miyawaki Technique"
- Dr. Muthukumar, Scientist-E carried out field Inspection to Jyothipura / Benninganahalli BMRCL Project Site and UM Kaval BMRCL Project Site on 05/07/2021 and 09/07/2021 as an Expert Member of TEC in pursuance to the directions of Hon'ble High Court of Karnataka.
- Test reports of 7 samples for identification, 3 sample for moisture content, 3 samples for density, 20 samples for mechanical properties, 1 sample on oil testing and 1 sample on Chemical Analysis were prepared. The same were sent to the concerned department/parties.