

Newsletter for the Month of September 2020

Institute of Wood Science & Technology, Bengaluru

1. Significant Research Findings: Nil

2. Publications:

- N. Ravi , Aparna Rajan , G. Ravi Kumar , Sunny A.M , Mamata Ravindra & S. Bordoloi, "A preliminary study on physico-chemical evaluation of Agar (*Aquilaria Malaccensis*) seed oil from three different locations" *International Journal of Research in Applied, Natural and Social Sciences* (IMPACT: IJRANSS) ISSN (P): 2347-4580; ISSN (E): 2321-8851 Vol. 8, Issue 8, Aug 2020, 1-10.
- Raja Rishi, R. and R. Sundararaj (2020). Record of *Nomuraearileyi* (Farlow) Samson (Hymenoptera: Clavicipitaceae) in *Hypocalasp.* (Lepidoptera: Erebidae) from the Mangroves of Maharashtra, India. *Journal of Entomology and Zoology Studies*. 8 (5), 699-701.
- Raja Rishi, R. and R. Sundararaj (2020). Is the use of nanoparticles in pest and disease management safe? *Insect Environment* e-Journal. 22, 31-32. doi:10.1080/03601231003704457
- Bhushan U. Kelkar, S.K. Sharma, S.R. Shukla (2020) Optimization of pressing parameters of PF-bonded laminated bamboo lumber from *Dendrocalamus brandisii*. *Journal of Indian academy of Wood Science* 17(2).
- RM Abhilash, G. S. Venkatesh and S.S. Chauhan: Micromechanical modeling of bamboo short fiber reinforced polypropylene composites". *Multiscale and Multidisciplinary Modeling, Experiments and Design*, <https://doi.org/10.1007/s41939-020-00081-3> (Published online).

3. Consultancies:

- Dr. A. Muthukumar, Scientist-F submitted Inspection report on Health assessment of Trees on road side and Park as Advisory Consultancy Report to LWORA, White Field, Bangalore

4. Tree Growers Mela/KisanMela/ Trade fairs:

Institute	Participated	Duration	Place
IWST	IWST participated in Bamboo Cultural Fest 2020 by presenting two posters and one video in the Virtual exhibition organized by Bamboo Society of India	28th September 2020	Bamboo Society of India, Bengaluru

5. Visit abroad: Nil**6. Meetings Organized:**

Sl. No	Topic	Duration	No. of participants	Beneficiaries
1	A Virtual Workshop on 'Prioritisation of species for FGR programme' was organised by IWST	2 nd September 2020	60	stakeholders, Researchers, Officers
2	Dr. T. N Manohar organized consultative meeting of all the stakeholders including state government departments, research institutions, NGO and general public suggestion "Safeguards information system for REDD+ India was held at IWST	16 th September 2020.	50	State Forest Departments, Karnataka, Goa, Andhra Pradesh and other officials, research institutions, NGO and general public
3	The meeting of all Scientists and Officers of IWST "Biological Diversity Act 2002, Biological Diversity Rules 2004 and ABS Regulations 2014"	18 th September 2020	20	All scientists and officers

7. Meeting / Workshops Attended: Nil

Sl. No	Topic	Duration	No. of participants	Beneficiaries

a) Training Programs Organized:

Sl. No	Topic	Duration	No. of participants	Beneficiaries
1.	Sandalwood farming and management of its health	21.9.2020 to 24.9.2020	1040	All entrepreneurs, industrialists and farmers
2	NABL	3 hours	10	Training on Audit

b) Training Programs Attended: Nil

Sl.No	Topic	Duration	No. of participants	Beneficiaries
1				

8. Rajbhasha News:

- The Hindi pakhwadh celebration 2020 was organized from 14th September 2020 to 28th September 2020.
- Hindi workshop for ministerial staff of the institute was organized on 24th September 2020.
- OLIC meeting held on 30th September 2020

9. Visit of Dignitaries:Nil

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

11. Awards: Nil

12. Miscellaneous:

- Dr. T.N. Manohara, presented poster in the Virtual exhibition organized by Bamboo society of India on 28th September 2020
- One sample received from M/s. M Square Engineers, Pune analysed and test report dispatched.
- Dr. Shakti Singh Chauhan delivered lecture on "Engineered wood and their application in wooden doors and windows: Conventional versus Engineered wood" in training organized by FRI Dehradun for M/s Asahi India Glass Ltd, Mumbai" on 10/09/2020.
- Dr. Shakti Chauhan delivered a lecture on "Bamboo Polymer Composites" as the panel member on 18/09/2020.
- Filed two provisional patents entitled "Novel wood veneer and natural fiber reinforced thermoplastic based hybrid composite" and "Simple pretreatment of oil seed for deacidification of natural oil".
- All scientists of the division attended the RAG meeting on 29th September 2020.
- Dr. R. Sundararaj, Nodal Officer, FRIDU (IWST centre) organized and also acted as Member Secretary online mode interview at IWST for Ph.D. admission on 13.09.2020 for 26 candidates.
- Dr. R. Sundararaj, ScientistG and Head attended meeting of Departmental Peer Review Committee (DPRC) for Promotion of Scientist under Flexible Complementing Scheme and Departmental Confirmation Committee for confirmation of scientists of IPIRTI on 25.9.2020 at IWST, Bangalore.

Dr. R. Sundararaj, Scientist-G and Head attended meeting of the State Level Forestry and Wildlife Research Advisory Committee on 25.09.2020 at 11.00 a.m. and submitted a project at Aranya Bhavan, Karnataka Forest Department, Bangalore.

- Dr. R. Sundararaj, Scientist-G and Head attended as a Member capacity in Advisory Committee for Post Graduate student of the Department for the year 2019-2020 for the student Mr. Monoj, H., I Ph.D., Agricultural Entomology, College of Agriculture, Shivamogga on 19.9.2020.
- An article titled “Invisible killer threatens India’s sandalwood forests” has been published in renowned and popular national daily newspaper “The Hindu” (Bengaluru edition) on 28th September 2020 highlighting and detailing “Dreaded sandalwood spike diseases has resurfaced, seriously infecting natural habitats in Karnataka, Kerala’. Information provided by Dr. R. Sundararaj, Scientist-G and Mr. R. Raja Rishi, Scientist-D.
- Dr. Muthukumar, A., Scientist-E participated as an expert member in the introductory meeting of the Tree Expert Committee held on 05/09/2020, with additional members appointed to the Committee.
- Dr. Muthukumar, A., Scientist-E as Tree Expert Committee member carried out field visit on 10/09/2020 to State Horticulture farm, Hulimavu, 17/09/2020 to Kadugodi State Forest Plantation (Tamarind), 15/09/2020 to Bennigenahalli Lake regarding field assessment and preparation of inspection report on alternative ways to save trees of the said BMRCCL project sites
- Dr. Muthukumar, A., Scientist-E as TEC member carried out field visit to NIMHANS on 10/09/2020 for assessment of trees to be saved in a proposed project site falling under BBMP jurisdiction.
- Dr. Muthukumar, A., Scientist-E as TEC member carried out field visit on 24/09/2020 and submission of report on alternative ways to save trees at locations viz., Govt. Girls PUC, BWSSB, KV and 8th Main Road in Malleshwaram, under BBMP jurisdiction.
- Dr. Muthukumar, A., Scientist-E participated and presented the ongoing AICRP project on Biofertilizers to Karnataka Forest Department on 17th State Level RAC meeting under the Chairmanship of PCCF, KFD on 25/09/2020, for taking up research activities in KFD nurseries and plantations.

13. Staff News:

Deputation :

- Dr. N. Palanikanth, IFS has assumed charge of the post of Deputy Conservator of Forests (DCF) at IWST on 11-09-2020 F.N
- Dr. Shakti Singh Chauhan, Scientist – G relieved on 30-09-2020 A.N from IWST on Deputation to IPIRTI, Bangalore as Director, IPIRTI.