

**Monthly Report for the Month of April 2021**  
**Institute of Wood Science & Technology, Bengaluru**

**1. IMPORTANT RESEARCH FINDINGS:**

**2. NEW PROJECTS SANCTIONED DURING THE MONTH:**

Sl. No	Name of the project	Amount Sanctioned	Sponsoring Authority
1	Study on pathosystem of phytoplasma disease associated with host plantation forestry tree species in agroforestry system. Dr. A. Muthu Kumar	67.20 (Budget to be reduced)	ICFRE
2	Cellulose nanofibrils (CNF) from different lignocellulosic materials using cryo-crushing and ultra sonication techniques. Dr. S.R. Shukla, 2021-2023	(49.79- Budget to be reduced)	ICFRE
3	Comparative metabolite profiling of healthy and diseased Indian Sandalwood ( <i>Santalum album</i> L.) for early detection of spike disease. Dr. S.S. Bisht, 2021-2024	29.90	ICFRE
4	Thermal treatment of fire retardant impregnated wood for improvement of its properties. Ritesh Kumar D. Ram, 2021-2024	20.00	ICFRE

**PROJECTS CONCLUDED DURING THE MONTH: Nil**

Sl.No	Name of the project	Amount Sanctioned	Sponsoring Authority

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

Sl. No	Topic	Duration	No. of participants	Beneficiaries

**5. MEETINGS ORGANIZED: Nil**

Sl. No	Topic	Duration	No. of participants	Beneficiaries

**6. MEETINGS ATTENDED:**

Sl. No	Topic	Duration	No. of participants	Beneficiaries
1	Attended the first meeting of the Sandalwood Development Committee held at the NITI Aayog Bhawan, New Delhi, chaired by Mr. Ratan Watal, Member Secretary, EAC-PM.	7 April 2021	2	

**7. WORKSHOP ORGANIZED:**

Sl. No	Topic	Duration	No. of participants	Beneficiaries
1	Commemorating <b>Azadi Ka Amrit Mahotsav (India@75)</b> an initiative by the Government of India, Institute of Wood Science and Technology conducted a first of its kind online exclusive question and answer session on 'Indian Sandalwood propagation and cultivation	16 April 2021	156 Registered participants	Different states such as Karnataka, Tamil Nadu, Maharashtra, Chhattisgarh, Madhya Pradesh, Andhra Pradesh, Telangana, Bihar, Rajasthan, Gujarat, Himachal Pradesh, Uttarakhand, Punjab etc. comprising farmers, sandalwood growers, students, researchers, university professors and such others.

**8. TRAININGS ORGANIZED:**

Sl.No	Topic	Duration	No. of participants	Beneficiaries
1	Webinar on "Weeds to Wealth" by Dr. Siddappa Shetty, Atree organised by IWST	23 April 2021	50	senior forest officials from Karnataka Forest Department, Director IPIRTI, Scientists and Forest officials from Institute of Forest Biodiversity, Hyderabad, ICFRE

				Dehradun, Forestry colleges and other sister organizations etc
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**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: Nil**

**13. RESEARCH PAPERS:**

- Gowda M. R. S. and Hamalton T. (2021) Forest Genetic Resources of Western Ghats. *Van Sangyan*, 8 (3).
- Hamalton, T. and Janofer, U. (2021). Characterisation of *In Vitro* Produced Embelin and Evaluation of its Antifungal Properties. *Biological Forum – An International Journal*, 13(1): 86-91.
- Ritesh Kumar, JayashriGunjal and Shakti Chauhan (2021). Effect of carbonization temperature on properties of natural fiber and charcoal filled hybrid polymer composites. *Elsevier, Composites Part B*, 217 (2021), 108846.

**14. VISIT OF DIGNITARIES: Nil**

**15. CONSULTANCIES: Nil**

**16. OTHER IMPORTANT ACTIVITIES:**

- The institute of Wood Science and Technology, Bangalore celebrated Dr. B.R. Ambedkar Jayanthi on 15 April 2021.
- The Institute of Wood Science and Technology, Bangalore celebrated Earth Day 2021 on 22 April 2021 through planting of sandalwood samplings within the campus.
- Test reports of 15 samples for identification, 6 samples for moisture content, 3 samples for Density, were sent to the concerned department/parties.