

Monthly report for the Month of February 2021

IMPORTANT RESEARCH FINDINGS:

1. NEW PROJECTS SANCTIONED DURING THE MONTH: NIL

2. PROJECTS CONCLUDED DURING THE MONTH: NIL

Name of the project	Amount Sanctioned	Sponsoring Authority

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

Sl. No	Topic	Duration	No. of participants	Beneficiaries
1	Participated in Webinar on Challenges in the management of Phytoplasma diseases organized by IWST, Bangalore and Entomological Society of India, New Delhi	5 Feb 2021	1	
2	Attended webinar on "Video interactive session on GST" organized by ADG (Admin), ICFRE	5 Feb 2021	2	
3	Participated in the online National Seminar on Propagation, Management and Development of value chain in Bamboos organized by TFRI, Jabalpur.	10 Feb 2021	1	
4	Participated in the NBA-UNDP Webinar Series Biodiversity and Biological Diversity Act 2002 on the title Access and Benefit Sharing: The Journey So Far and Challenges Ahead.	24 Feb 2021	1	

4. MEETINGS ORGANIZED:

Sl. No	Topic	Duration	No. of participants	Beneficiaries
1	Hosted Web Based-ICFRE Regional Research Conference on "Forestry Research in	29 Jan 2021		

	Southern States of India”			
2.	Hosted a Web based Discussion Meeting on Challenges in the management of phytoplasma Diseases	5 Feb 2021	100	Industrialists, Academicians, in-service IFS officers and ICFRE officers & Scientists

5. MEETINGS ATTENDED: NIL

Sl. No	Topic	Duration	No. of participants	Beneficiaries
1	Attended Research Policy Committee Meeting of ICFRE to prioritize new and review ongoing research projects	22- 23 Feb 2021 (2 days)	25	Director, GCR and Scientists of IWST

6. WORKSHOP ORGANIZED: NIL

Sl. No	Topic	Duration	No. of participants	Beneficiaries

7. TRAININGS ORGANIZED:

Sl.No	Topic	Duration	No. of participants	Beneficiaries

8. TRAININGS ATTENDED: NIL

Sl. No	Topic	Duration	No. of participants	Beneficiaries
1	Participated in ICFRE-HRD training on Statistical Methods in Forestry Research	15-18 Feb 2021 (4 days)	3	Scientists and Technical staff of ICFRE
2	Participated in the ICFRE-HRD training on Molecular Biology Techniques organized by IFP, Ranchi	24-25 Feb 2021 (2 days)	1	Scientists of ICFRE

9. DEMONSTRATIONS: NIL

Sl.No	Topic	Duration	No. of participants	Beneficiaries

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

Institute	Participated	Duration	Place

11. OTHER EXTENSION ACTIVITY:

- Shashikala. S, Sheetal Pachpande, Sujatha. M and Shukla. S.R (2020).: Hand book of the Mangroves of Maharashtra, Morphology and Wood Anatomy, Natraj Publishers, New Delhi, was released in BoG Meeting held on 22/01/2021.
- M.V. Durai and S.K. Sharma (2020). Big-leaf Mahogany: (*Swietenia macrophylla* King): A tree for wealth and health. Brillion Publishing, New Delhi was released in BoG Meeting held on 22/01/2021.
- R. Sundararaj and R. Raja Rishi (2021). Phytoplasmas in Forestry: Thrust for developing effective management strategies was released (online platform) by Director General, ICFRE during Discussion Meeting on Challenges in the management of phytoplasma diseases held on 5 February 2021.
- Institute organized a meeting on 22 February 2021 to discuss and plan for introducing B.Tech (Wood Science) course in association with M S Ramaiah Institute of Technology. The meeting was attended by Mr. Kodanda Ram Ramaiah, Director of M.S. Ramaiah Education Institutions and team.

12. RESEARCH PAPERS:

- Diwakara, B.N., Nikhitha, C.U, Prabuddha, H.R, Srinivas Rao, M. (2021) Enhancing seed productivity on *Pongamia Pinnata*, using silvicultural practices. *International Journal of Forest, Soil and Erosion*, (2021) 11(1)
- D. E. Tsvetkov, A. S. Dmitrenok, Yu. E. Tsvetkov, **R. Kumar**, V. K. Varshney and N. E. Nifantiev (2021). Chemical examination of the knotwood of *Shorea robusta*, *Russian Journal of Bioorganic Chemistry*, Vol. 47 (1) 101–109.
- Ezhumalai, R., Ritesh Kumar and **Bisht, S. S** (2021), Analysis of gaseous pollutants during burning of natural and market based sandalwood oil incense stick. *International Journal of Recent Scientific Research*, Vol. 12, Issue 01 (D), pp. 40656-40658, January, 2021
- R. E. Neale, P. W. Barnes, T. M. Robson, P. J. Neale, C. E. Williamson, R. G. Zepp, S. R. Wilson, S. Madronich, A. L. Andrady, A. M. Heikkilä, G. H. Bernhard, A. F. Bais, P. J. Aucamp, A. T. Banaszak, J. F. Bornman, L. S. Bruckman, S. N. Byrne, B. Foereid, D.-P. Häder, L. M. Hollestein, W.-C. Hou, S. Hylander, M. A. K. Jansen, A. R. Klekociuk, J. B. Liley, J. Longstreth, R. M. Lucas, J. Martinez-Abaigar, K. McNeill, C. M. Olsen, **K. K. Pandey**, L. E. Rhodes, S. A. Robinson, K. C. Rose, T. Schikowski, K. R. Solomon, B. Sulzberger, J. E. Ukpebor, Q.-W. Wang, S.-Å. Wängberg, C. C. White, S. Yazar, A. R. Young, P. J. Young, L. Zhu & M. Zhu (2021). Environmental effects of stratospheric ozone depletion, UV radiation, and interactions with climate change: UNEP Environmental Effects Assessment Panel, Update 2020. *Photochemical & Photobiological Sciences*, 1-67.

13. VISIT OF DIGNITARIES: NIL

14. CONSULTANCIES:

15. OTHER IMPORTANT ACTIVITIES:

- Dr. A. Muthukumar, Scientist-E in the capacity of an Expert Member of Tree Expert Committee (under Govt. of Karnataka) participated in monthly meetings to discuss and decide on alternative ways to save trees for those applications on felling of trees received by DCF, BBMP and DCF Bangalore Urban Forest Division.
- A delegation of Executive Members of the Governing Council of Furniture and Fittings Skill Council (FFSC) visited the institute and Advanced Woodworking Training Centre on 11 February 2021.
- Test reports of 11 wood samples for identification, 12 samples for moisture content, 11 samples for Density and 11 samples for mechanical properties were sent to the concerned department/parties.