

Newsletter for Institute of Wood Science & Technology, Bengaluru for the Month of July, 2019

1. Significant Research Findings: Nil

2. Publications:

- Geeta Joshi, **Shakti Singh Chauhan**, Arunkumar, A. N, Ajay, T. L, Sreedevi, C. N, AparnaRajan, Annapurna Dhavala. (2019) Phenotyping using pilodyn as a tool, selective genotyping and preliminary genetic diversity estimation for wood basic density in *Meliadubia*. *Academia Journal of Biotechnology* 7(6): 107-115, June 2019.
- A.S. Rao, Giridhar B.N., S. Nair, A. Chathoth, **K.K. Pandey** (2019) Flexible transparent wood prepared from poplar veneer and polyvinyl alcohol, **Composites Science and Technology**, 182, Article No. 10779.
- P.W. Barnes, C.E. Williamson, R.M. Lucas, S.A. Robinson, S. Madronich, N.D. Paul, J.F. Bornman, A.F. Bais, B. Sulzberger, S.R. Wilson, A.L. Andrady, R.L. McKenzie, P.J. Neale, A.T. Austin, G.H. Bernhard, K.R. Solomon, R.E. Neale, P.J. Young, M.N., L.E. Rhodes, S. Hylander, K.C. Rose, J. Longstreth, P.J. Acamp, C.L. Ballaré, R.M. Cory, S.D. Flint, F.R. de Gruijl, D.-P. Häder, A.M. Heikkilä, M.A.K. Jansen, **K.K. Pandey**, T. M. Robson, C.A. Sinclair, S. Wängberg, R.C. Worrest, S. Yazar, A.R. Young and R.G. Zepp (2019). Ozone depletion, ultraviolet radiation, climate change and prospects for a sustainable future, **Nature Sustainability**, 2, 569-579.
- **S.R. Shukla**, J. Zhang, Pascal Kamdem (2019) Pressure treatment of *Heaveabrsiliensis*(rubberwood) with waterborne micronized copper azole: effects on retention, copper leaching, decay resistance and mechanical properties. *Construction and Building Materials* 216 : 576-587.
- **Sundararaj, R.** 2019. Learning Experiences from farmers' choice and wrong silvicultural practices for managing the health of growing Indian sandalwood (*Santalum album* Linn.) Paper presented in the National Conference on “**Challenges and Innovative**

Approaches in Agriculture a& Allied Sciences Research” under Biotic Science Congress 2019, organized by Society for Biotic and Environmental Research, Tripura in collaboration with Regional Sericulture Research Station, Salem, Tamil Nadu from 26 to 27 July 2019. P. 55.

- **Sundararaj, R.** and Shwetha, V., 2019. Expansion of the host range of the invasive solanum whitefly, **Aleurothrixustrachoides** (Back) (Hemiptera: Aleyrodidae) in India. Paper presented in the National Conference on **“Challenges and Innovative Approaches in Agriculture a& Allied Sciences Research”** under Biotic Science Congress 2019, organized by Society for Biotic and Environmental Research, Tripura in collaboration with Regional Sericulture Research Station, Salem, Tamil Nadu from 26 - 27 July 2019. P. 164.
- Poster Presentation on “Study on root architecture in two nationally prioritized bamboo species in semi-arid region of Karnataka” in the National Conference on **“Challenges and Innovative Approaches in Agriculture a& Allied Sciences Research”** under Biotic Science Congress 2019, organized by Society for Biotic and Environmental Research, Tripura in collaboration with Regional Sericulture Research Station, Salem, Tamil Nadu from 26 - 27 July 2019. P. 164.
- Oral Presentation on “Effects of Biochar application as a soil amendment for sustaining productivity of bamboo plantation in semi-arid region of Karnataka” in the National Conference on **“Challenges and Innovative Approaches in Agriculture a& Allied Sciences Research”** under Biotic Science Congress 2019, organized by Society for Biotic and Environmental Research, Tripura in collaboration with Regional Sericulture Research Station, Salem, Tamil Nadu from 26 - 27 July 2019. P. 164.
- Poster presentation on “*Cinderella* Agroforestry Systems – A review on major traditional agroforestry systems and practices across the world” in the National Conference on **“Challenges and Innovative Approaches in Agriculture a& Allied Sciences Research”** under Biotic Science Congress 2019, organized by Society for Biotic and Environmental Research, Tripura in collaboration with Regional Sericulture Research Station, Salem, Tamil Nadu from 26 - 27 July 2019. P. 164.

3. **Consultancies:**

- Assessment of sandalwood trees for transplantation at drama theatre reservation site, Nashik
- Investigation on health status of trees for translocation at BHEL campus, Bangalore
- Health assessment of trees at U.R. Rao Satellite centre, ISRO, Bangalore

4. **Tree Growers Mela/KisanMela:** Nil

5. **Visit abroad:** Nil

6. **Workshops/Seminars/Meetings (attended):**

Sl. No	Topic	Duration	No. of participants	Beneficiaries
1	Dr. R. Sundararaj, one JRF and one JPF attended Biotic Science Congress 2019: National Conference on Challenges and Innovative Approaches in Agriculture and Allied Sciences Research, held at Sona College of Arts and Science, Salem-636005.	26 and 27 th July 2019	220	Researchers and farmers

7. **Training Programmes:** Nil

8. **Rajbhasha News:** Nil

9. **Visit of Dignitaries:** Dr. Pankaj Srivastava, IFS, Director, Indian Institute of Forest Management and Mr. Deepak Sinha, IFS, Inspector General of Forest, Ministry of Environment, Forest and Climate Change visited the Institute on 10th July, 2019.

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

11. Awards: Nil

12. Miscellaneous: Nil

13. Staff News:

- Promotion : 1) Smt. P.R. Triveni, Dr. M. Sujatha, Dr. K.T. Chandrashekar, and Dr. P.V. Somashekar have been promoted to the post of CTO w.e.f from 18-12-2018 vide ICFRE Order No. 24-6/TS/Assessment/2018-ICFRE (RB), dated 02-07-2019
- 2) Smt. G. Vijayalakshmi, Smt. C.N. Vani, Smt. Shashikala, Sri. N. Chandrashekar, Sri. G. Ravi Kumar have been promoted to the post of ACTO w.e.f 18-12-2018 vide ICFRE Order No. 24-6/TS/Assessment/2018-ICFRE (RB), dated 02-07-2019
- Joining : Dr. M.P. Singh, IFS has joined IWST, Bangalore to the post of Director w.e.f 16-07-2019.
- Retirement : 1) Sri N.C.M. Rajan, Scientist – D retired on 31-07-2019 on Superannuation.
- 2) Smt. G. Vijayalakshmi, ACTO retired on VRS w.e.f the afternoon of 31-07-2019