

Monthly report for the Month of January 2019
Institute of Wood Science & Technology, Bengaluru

IMPORTANT RESEARCH FINDINGS: Nil

NEW PROJECTS SANCTIONED DURING THE MONTH:

Name of the project	Amount Sanctioned	Sponsoring Authority
Nil		

1. PROJECTS CONCLUDED DURING THE MONTH: Nil

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

- Dr. R. Sundararaj, participated in the National seminar on Climate Change (NSCC 2019): Environmental Monitoring and Management for Building Climate Resilience held at EMPRI, Bangalore from 24th to 25th January 2019 and presented the paper on Potential of the durability of wood and managing xylophagous insects for carbon locking and mitigating climate change which received best oral presentation award
- Dr. T. N. Manohar participated in the National seminar on Climate Change (NSCC 2019): Environmental Monitoring and Management for Building Climate Resilience held at EMPRI, Bangalore from 24th to 25th January 2019 and presented Research paper entitled “Carbon Sequestration Potential of *Dalbergialatifolia Roxb.*” by Moumita Chatterjee, Soumyashree N. and Manohara T.N
- Mr. Raja Rishi participated in National workshop on “Securing wood demand through enhancing productivity of planted forests” held at Institute of Forest Genetics and Tree Breeding, Coimbatore on 29 and 30th January 2019 and presented research paper on “Role of entomopathogenic fungi for the management of defoliating insect pests of *Gmelina arborea* and *Aquilariamalaccensis*”.
- Mr. Mohan Karnat, Director and Dr. Shakti Singh Chauhan participated in the National Workshop on Securing Wood Demand through Enhancing Productivity of Planted Forests held at IFGTB, Coimbatore from 29th to 30th January 2019. Dr. Shakti was invited speaker and presented on ‘Improving trees for desired wood properties without compromising on growth’.

3. MEETINGS ATTENDED:

Sl. No	Topic	Duration	No. of participants	Beneficiaries
1.	Indo-German	28.01.2019	02	Dr. B. N. Diwakara,

	collaborative research project for II Phase proposal at GKVK, Bangalore	1 day		Scientist E and one JRF
2	National Advisory Committee for International Conference organized by IPIRTI at New Delhi.	29.01.2019 (1 day)	01	Dr. Pankaj K. Aggarwal Scientist-G and Head, WP

4. WORKSHOP:

Sl. No	Topic	Duration	No. of participants	Beneficiaries
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5. TRAININGS ORGANIZED:

Sl. No	Topic	Duration	No. of participants	Beneficiaries
1	IFS Officers Compulsory Training Programme on Advances in Wood Production and Utilization.	7 - 11 January 2019	17	IFS Officers
2.	Bamboo Technical Support Group (BTSG)- ICFRE sponsored 5-day training program	28 Jan to 1 Feb 2019	21	Farmers of Karnataka, Telengana and Andhra Pradesh

TRAININGS ATTENDED:

Sl. No	Topic	Duration	No. of participants	Beneficiaries
1.	Research Methodology and Statistical Tools in Forestry	21.1.2019 to 25.1.2019	4	IWST officials

6. DEMONSTRATIONS:

Sl. No	Topic	Duration	No. of participants	Beneficiaries
Nil				

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

Institute	Participated	Duration	Place
Participated in Krishimela organised by University of Agricultural and Horticultural Sciences, Shivamogga From 4 th to 6 th Jan 2019	4 officials of IWST participated	3 days	Shivamogga, Karnataka (Around 1000 persons per day visited the stall)

8. OTHER EXTENSION ACTIVITY:

Sl. No	Topic	Name of Scientist	No. of participants	Beneficiaries
1.	Organized Training cum demonstration programme at Shikaripura from 4 th to 6 th January, 2019	Dr. P.V. Somashekar, ACTO	58 No. (Training programme)	Farmers
2.	Organized Training cum demonstration programme at K.V.K., Hassan and Sakaleshpura from 16 th to 18 th January, 2019.	Dr. P.V. Somashekar, ACTO	240 No. (Hassan) 38 No. (Sakaleshpura)	Farmers Farmers
3.	Organized Training cum demonstration programme at Harapanahally, Bellary and Koppala District from 28 th to 31 st January, 2019	Dr. P.V. Somashekar, ACTO	60 No. (Harapanahally) 65 No. (Bellary) 30 No. (Koppala)	Farmers Farmers Farmers

These programmes were conducted as linkages to KVK

9. RESEARCH PAPERS:

- .N. Manohara (Editor) 2019. Training Manual on "*Bamboo Nursery Management*" Pp.104.
- Pandey S, Rishi RR, Jayaraj RSC, et al. (2019) *Fusarium equiseti* is associated with the wilt and dieback of *Aquilaria malaccensis* in Northeast India. *Forest Pathology* ; e 12489. <https://doi.org/10.1111/efp.12489>. IF1.74 NAAS 7.74.

10. VISIT OF DIGNITARIES:

11. CONSULTANCIES:

12. OTHER IMPORTANT ACTIVITIES:

- As part of awareness and education tour 39 BSc (Forestry) students from Y. S. Parmar University of Horticulture and Forestry, Solan, Himachal Pradesh visited the institute on 4th January 2019
- As part of awareness and education tour 55 BSc (Biotech) students from College of Horticulture and Forestry, Neri, Himachal Pradesh visited the institute on 7th January 2019
- As part of awareness and education tour 15 BSc (Forestry) students from College of Horticulture and Forestry, Central Agricultural University, Pasighat, Arunachal Pradesh visited the institute on 7th January 2019
- As part of awareness and education tour 76 students of 8th and 9th grade from Samsidh Mount Litera Zee School, Bangalore visited the institute on 16th January 2019
- As part of awareness and education tour Architecture students from Impact School of Architecture, Bangalore visited the institute on 17th January 2019
- As part of awareness and education tour Artisan trainees of Madras Engineering Group, Bangalore visited the institute on 29th January 2019
- Dr. S.R. Shukla, Scientist-F visited Kerala Forest Research Institute (KFRI), Peechi for invited talk on "Non toxic preservation methods for protecting bamboo artifacts through thermal modification treatment" on 17.01.2019.
- Dr. S. R. Shukla, Scientist F presented a talk during the series of monthly seminar on the topic "Near Infrared Spectroscopy (NIRS)-A Rapid and Cost Effective Tool for Assessment of Material Properties and Quality Control" held on 3rd January, 2019
- Dr. Anil Kumar Sethy, Scientist-D conducted practicals on Forest Utilisation (Wood structure and properties) at CASFOS, Coimbatore on 18.1.2019.

- Wood testing enquiries (12 samples for identification, 5 samples for moisture content and one sample for specific gravity test were received and test reports of 11 samples for identification and six samples for moisture content were sent to the concerned department/parties.
- One sample for analysis on preservative content in wood received from MSquare Engineers, Pune was tested and report sent.