



Events Organized:

Vigilance Awareness Week

Vigilance Awareness Week was organized at IWST during 28 October–02 November 2019. Integrity Pledge for citizens was taken by all the officers, scientists, staff and students of IWST on 28 November 2019 which was administered by the Director, IWST. Elocution and poster presentation competition on the theme: 'Integrity -A way of Life' was organized for the staff during the week.

On the concluding day of Vigilance Awareness Week (1 November 2019), Mr. Ashok Kumar Verma, IRSS, Divisional Railway Manager, South Western Railway, Bengaluru, was the Chief Guest. Sri. V.S. Shettappanavar, IFS, Head, SFM, GTI and Facilities and Services Division delivered the welcome address. Dr. H.R. Prabuddha, IFS,

Officer informed that during the said period no Vigilance cases were pending. The Chief Guest distributed prizes to the winners of Elocution and Poster competition. First prize winner was Smt. Latha Narayan.

Dr. M.P. Singh, IFS, Director of the Institute in his



address said that Vigilance means watchfulness about the happenings around oneself. People always have wrong approach towards vigilance as

they perceive vigilance as enquiry, fixing responsibility etc. Vigilance is not investigation but it is prevention. The role of vigilance is to protect an organization from internal dangers which are more serious than external threats. Vigilance is not confined to a particular individual or set up. All public servants should be honest and responsible



Vigilance officer presented the vigilance report of the institute for the year 2018-19. The Vigilance

towards the nation to help the organization

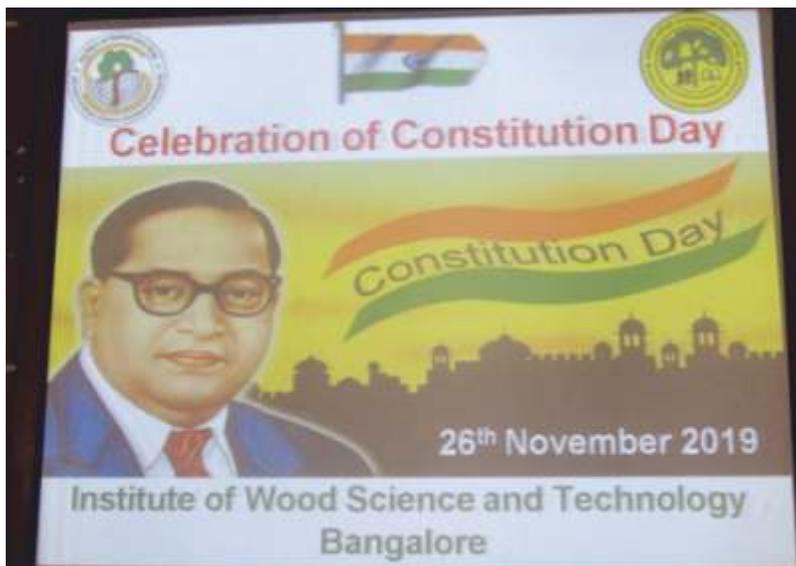
discharge vigilance functions effectively by bringing to the notice of the organization about dishonest activities.

Chief Guest in his address to the gathering, informed that the transaction in railways have become transparent especially in the store section of railways, since orders are placed through GEM or E- Procurement and the comparison of rates is

also done online and is hence transparent. He also referred to corruption in a larger scale. He emphasized that as a research organization, research work needs to be done selflessly and corruption should come down to a large extent.

In the end, Dr. H.R. Prabuddha, IFS, Vigilance officer proposed the formal Vote of Thanks.

Constitution Day (26 November 2019)



Constitution Day (National Law Day), also known as Samvidhan Divas, is celebrated in India on 26th November every year to commemorate the adoption of the Constitution of India and to honour and acknowledge the contribution of the Founding fathers of the Constitution. On 26 November 1949, the Constituent Assembly of India adopted the Constitution of India, and it came into effect on 26 January 1950. The year 2019, marks the 70th year of adoption of Constitution of India.

The day was celebrated at Institute of Wood Science and Technology (IWST), Bangalore by reading of the preamble of the Constitution of India by the officers, scientists, staff and students of IWST. The preamble was read collectively by the employees in three languages namely Hindi, English and Kannada.

Trainings /Workshops/ Meetings attended:

Dr. M. P. Singh, IFS, Director IWST attended Scientific Committee meeting for examination of NDF study on Red Sanders organized by Botanical Survey of India, Deccan Regional Centre, Hyderabad on 31st October 2019



Trainings Organized

Sandalwood Farming and Management of its Health:

Forest Protection Division of the Institute conducted a training on “Sandalwood Farming And Management Of Its Health” from 5- 7 November 2019. The training received overwhelming response from the farming community and was attended by 63 farmers. Dr. R.Sundararaj, Course Director, welcomed the trainees and others present during the opening session of the program which was inaugurated by Dr. M.P.Singh,

IFS, Director, IWST. During the occasion Dr.V.P.Tewari, Group Co-ordinator (Research) also addressed the gathering. The core subjects taught during the training were sandalwood seed and nursery



technology with hands on training, management of pests and diseases in sandalwood nursery and plantations, good Silvicultural practices for best health of sandalwood, sandalwood trade economics and protection, sandalwood utilization and assessment of oil content and demonstration of oil extraction, and policy and schemes of State Forest Dept. for encouraging raising of sandalwood plantations. Special sessions were arranged for visit to relevant laboratories, to farmers field and demonstrated the

health/growing status of sandalwood in the campus. The program ended with Valedictory function in which the trainees expressed full satisfaction with the training and few farmers expressed to increase the training period to five days with a provision of field visit to sandalwood plantations.

Bamboo Propagation and Plantation Management:

IWST Conducted a training programme on "Bamboo propagation and plantation management" to the farmers in villages of Tarikeri and Bhadravathi at Tarikeri Range forest office on 11-11-2019. Around 200 participant were there.



Field Identification of Important Timbers:

A short-term training on "Field Identification of Important Timbers" was organized by Wood Processing and Product division from 18/11/2019 to 22/11/2019. A total of 6 participants including inservice officials of Karnarakata Forest Department attended the training course. Dr. S.R. Shukla (Scientist F) was the course coordinator and Dr. K. K. Pandey (Scientist G and Head of division), Dr. S. K. Sharma (Scientist G), Mr. B.S. Chandrasekar (Scientist E), Dr. M. Sujatha (CTO) and Ms. S. Shashikala (ACTO) were the resource persons. Mr. Jean Simon (STA), Ms. Vanathi V. (STA)





and Mr. H.C. Shivaprasad (TA) were the technical support for the training. The trainees were exposed to the presentations and practical sessions about the importance of identification of timber, basic anatomical structure, physical and mechanical properties of timber and the methodology to identify timbers in the field condition. The curriculum of this training covered 25 timber species including hardwoods as well as softwoods. Test was conducted

on the last day of the training. The valedictory program was conducted on 22/11/19 and certificates were awarded to the trainees.

VVK-KVK awareness program:

The Institute of Wood Science and Technology, Bangalore organised Demonstration of forestry and wood science Technologies in collaboration with GKVK, University of Agricultural Sciences, Bangalore, KVK, and local farmers at Jodi Hosahalli, Magaditaluk in Karnataka. The program was held on 2 November 2019 at Jodi Hosahalli. More than 135 farmers from different places in and around Magaditaluq and other areas were attended the demonstration of forestry technologies programme.

Farmers requested that, in addition to explaining the forestry technologies, special emphasis can be given to sandalwood nursery techniques, cultivation, agro-forestry models and distillation and importance and utility of sandalwood and its oil. Accordingly, during technical discussion Dr. K. T. Chandrashekar focused his lecture on Modern Nursery Technology of various forestry species and Sandalwood nursery techniques. Mr. G. Ravikumar, explained about Distillation of

sandalwood oil, Live demonstration of portable distillation unit was also carried out.

The questions raised were mainly on type of soil required for sandalwood cultivation, tree species as best host for sandalwood, subsidies for sandalwood cultivation, market for red sanders, whether agar wood can grow in their fields, type of climate required for agar wood plantations which were suitably answered to the satisfaction of the participants. Many participants were keen to know about usage of wood and seasoning and preservation. The farmers showed keen interest in cultivation of sandalwood





The programme started with the initial welcome address and introduction by Dr. A. Madhushree, Asst Professor, Dept. of agricultural extension, UAS,

Live demonstration of crop system, integrated farming and exhibition of various agricultural implements were also arranged by UAS, Bengaluru. In the exhibition institute has also put up the stall and exhibited the charts depicting wood seasoning, wood preservation, essential oil distillation models were presented to the participants.

The programme started with the initial inauguration of demonstration plots and exhibition by Dr. H.D.Ranganath, MLA of Kunigal and Dr. Dhanpal, Add. Director, Research, UAS. The other dignitaries like Dr. Y.N.Shivalingaiah Dean, UAS, Dr. K.P.Raghu, Addl Dean, Agricultural extension, GKVK, Dr. NatarajKaraba, Dr. M.R.Anand, Dr. Eswarappa, Dr. Manjunath of GKVK, Bengaluru who explained about different aspects integrated farming and these experts shared their views on the occasion.



Educational tours by students (November 2019):

The institutions that visited Institute of Wood Science and Technology during the month of November 2019 are as follows:

Sl. No	Date of Visit	Name of Institution	Discipline	No of Students	No of Faculty
01	04.11.2019	Forest Research Institute Deemed to be University, Dehradun	Msc (Environment Management)	38	2
02	13.11.2019	St. John's High School Bangalore	Grade 5- 7	110	7
03	21.11.2019	University of Agricultural Science, Bangalore	Bsc (Agriculture)	12	1

The students were briefed about the activities of the institute and the work carried out in different divisions, especially on wood seasoning, preservation, properties and uses, wood modification and Wood Polymer Composites. A documentary on the same was also screened for the benefit of the students. The students were explained about WOOD at the state of the art

Wood Museum cum Interpretation Centre. They were given an understanding of wood working through hand tools, CNC machines and software at the Advance Woodworking Training Centre. The various courses and its structure together with benefits of the courses were also explained to them.



Important Activities

Director General, ICFRE visited IWST, Bangalore during 16 - 19 November 2019 to review the progress of works being done at the institute. On 17-11-2019 Director General, ICFRE visited farmers field near Nelamangala, Bangalore and interacted with farmers, especially Thimme Gowda, Basavraju, Nagraju and Rajanna. During the interaction, DG, ICFRE discussed in detailed about the performance of Sandal with different intercrop like *Sesbania* sp., Toor (*Cajanus cajas*), Papaya, Pomogranate,

Amla (*Embilica officinalis*) and also enquired about the cost benefit ratio, yield and the extent of help being received from other organizations.

DG, ICFRE advised the farmers to grow more and more sandalwood and follow different intercropping systems to get enhanced income. He further advised them to get only quality planting material and technical support from IWST which is recognized as centre for excellency in sandal wood research.



During his visit DG, ICFRE reviewed the ongoing activities of IWST officers and Scientists of IWST.

On 19.11.2019 DG ICFRE appraised the media house in Bangalore on forestry related issues like steps to improve quality of Forests, All India coordinated projects on Bamboo, Sandalwood etc, forest fires, wood science, forest hydrology, forest ecosystem services, climate driven effects on forests and other emerging area.



Visit to Georg-August University, Goettingen, Germany (25 - 29 November, 2019)

Dr. M. P. Singh, Director, IWST; Dr. B. N. Divakara, Scientist-E and Dr. V.P. Tewari, Scientist – G & Group coordinator (Research) visited Georg-August University, Goettingen, Germany during 25 – 29 November 2019 as part of ongoing project entitled “Spatio-temporal landuse patterns at rural-urban interface and the relationship between green areas and biophysical features” funded by Department of Biotechnology, Govt. of India, New Delhi. The objectives of the visit were:

1. To review the progresses achieved in phase I
2. To plan for and coordinate data collections in the second project phase,
3. To identify and advance manuscript ideas and drafts of joint scientific publications
4. To discuss with Wood Science and Technology division, Georg-August University on works related to wood science and exploring the possibilities of collaboration

