

**BRIEF REPORT**  
**OF**  
**TECHNOLOGY DEMONSTRATION**  
**ON**  
**TECHNOLOGY DEMONSTRATION AND CULTIVATION OF SANDALWOOD**



**Institute of Wood Science and Technology**  
Indian Council of Forestry Research and Education (ICFRE)  
P.O. Malleswaram, Bangalore

## **BRIEF REPORT**

The Institute of Wood Science and Technology, Bangalore has organised Demonstration of Technologies Programme in collaboration with Krishi Vigyana Kendra (KVK), ICAR, Kandali, Hassan.

The programme held on 17<sup>th</sup> January 2019 at KVK, Kandali ,Hassan and Sakaleshpur planters

### **Introduction**

Extension service is a mode, which carries scientific technologies and interventions developed at research institutions to the field, for overall benefit of the end users. This noble dissemination of activity facilitates in bridging the identified technological gaps exist with the farmers. The ultimate goal of this important function of research institution or university is to enhance the sustainable net income of the farmer or forest dweller or forest based farming communities, by taking all the enterprises on the farm into consideration, integrating them and treating the whole farm as one unit. Organizing need based training for farmers are essentially done to update their knowledge and skills in modern farming technologies related to technology assessment, refinement and demonstration, and training of extension personnel to orient them in the frontier areas of technology development. Creating awareness about improved farming technologies among various clientele through an appropriate extension programmes. On these lines Extension wing of Institute of Wood Science and Technology, Bangalore has been continuously organising such extension programmes in various places in collaboration with Krishi Vigyana Kendra's for the benefit of the farming communities. On the outset, on 17<sup>th</sup> January 2019 this extension demonstration programme has been arranged in collaboration with ICAR-KVK Kandali, Hassan and also at Sakaleshpur.

The Technology Demonstration programme of the Institute of Wood Science and Technology was conducted at Krishi Vignana Kendra Kandali, Hassan on 17/01/2019 in collaboration with ICAR- Krishi Vignana Kendra, Kandali, Hassan



Registrations were started by 10.30 am with the help of KVK officials. Around 220 farmers were attended the programme



The programme started with the initial welcome address and introduction by the ICAR – KVK coordinator Dr. Raje Gowda, in charge of KVK and self introduction of the farmers and

their interest in specific was also heard and most of the farmers shown keen interest in cultivation of sandalwood. The ICAR-KVK has also organised an exhibition and summer crop awareness programme on the occasion.



More than 220 farmers from different places in and around Kandali village and other areas of Hassan district were attended the Training programme.



In the inaugural remarks Dr.M.S.Nataraju, Extension Director, UAS, Bangalore emphasized the need of agro-forestry system of cultivation and its importance. In his initial

remarks Dr.K.T.Chandrashekar, appraised about ICFRE and its institutes and also informed about the forestry and wood science technologies that are available in various institutes of ICFRE. Dr.Raje Gowda, In-charge, KVK, Hassan expressed his gratitude and asked the farmers about their opinions and requested Dr.K.T.Chandrashekar 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, in the Technical session which started at 11.30 AM, Dr P.V.Somashekar Asst. Chief Technical Officer focused his lecture on Modern Nursery Technology of various forestry species and Sandalwood nursery techniques. The second topic was on different agro forestry models of Sandalwood cultivation along with different host management and other forestry species like *Melia dubia*, Bamboo species, Teak and Red sanders and maintenance of the plantations.



The Second session was continued Dr K.T. Chandrasekhar Asst. Chief Technical Officer and G.Ravikumar, Senior Technical Officer. They explained about Distillation of sandalwood

oil, Portable distillation unit, intercropping of various aromatic and medicinal plants and the new technology of protection to sandalwood plantation, insect pest management of the plantations, marketing of Sandalwood and legal issues of the sandalwood.



The third concluding interactive session continued and the participants were very curious and raised many queries about sandalwood soil suitability, availability of quality seeds and seedlings, marketing, protection of sandalwood trees, regarding bank loans and insurances for the sandalwood cultivation.





The main questions raised were, what type of soil required for sandalwood cultivation, What type of tree species will be the best host for sandalwood, is there is any subsidies for sandalwood cultivation, regarding plantations of Red sanders is there is any market for red sanders, Whether agar wood can grow in their fields, what type of climate required for agar wood plantations, The questions raised were suitably answered to the satisfaction of the participants. The programme was concluded by thanking the participants and the ICAR-KVK coordinator, scientists and other staff members for their involvement and active participation. ICAR-KVK finally thanked Director, IWST and Dr.Pankaj Aggarwal, Scientist-G and Extension officer and others for identifying their KVK and conducting the programme at KVK Kandali, Hassan.

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