

INSTITUTE OF FOREST GENETICS AND TREE BREEDING

Coimbatore - 641002

*Under the aegis of*Indian Council of Forestry Research and Education
Dehradun

Webinar on

Advancements in Teak Cultivation: Genetic Resources & Technologies

16 July 2021, 09:30 to 13:30 hrs

Teak (*Tectona grandis* L.f.) is India's most popular timber species with global significance. Despite having a teak forest cover of nearly 20 million hectares, India remains the world's largest importer of timber. The world's most diverse teak genetic resources are located in India. Developmental activities have led to a large reduction in the natural teak forest areas in many of the states. Selective and intensive elimination of mature trees has certainly resulted in loss of germplasm. Teak wood is in high demand due to urbanisation, economic growth and trends in housing sector. Thus, growing demand for timber necessitates the establishment of timber plantations as well as rigorous technological interventions to ensure continuous supply of wood and plantation sustainability.

Currently teak is cultivated outside its natural range in more than 70 tropical countries in Asia, Africa, Latin America and Oceania. All these countries adopt short rotation cultivation where the planting stock is mostly clonal propagules derived using advanced technologies. Such practices also demands conservation of teak genetic resources in natural distribution areas for periodic infusion of diversity in new plantations. In India, many State Forest Departments and Forest Development Corporations are actively involved in teak cultivation. Recently farmers have evinced interest in cultivation of short rotation teak in farmlands. Teak farming in agroforestry can be viewed as a potential resource for the teakwood industry, providing an alternative source of income and subsistence for the rural people.

Given the importance of teak in the international timber trade, comprehensive adoption of cutting-edge technologies in quality planting stock, better site and clone selection, and next generation silviculture practices have become inevitable to increase the productivity of quality timber. Hence, IFGTB in collaboration with Institute of Wood Science and Technology (IWST), Bangalore and Tropical Forest Research Institute (TFRI), Jabalpur is hosting this webinar under the aegis of ICFRE to provide a forum for stakeholder interactions to exchange innovative ideas for cultivation and utilization of teak and conservation of teak genetic resources.

Dr. C Kunhikannan
DirectorDr. R. Yasodha
Scientist-G

Expert Speakers

Hwan-ok MA, Ph. D
Projects Manager
ITTO, Yokohama, JapanDooren K.S. Goh, Ph. D
Managing Director
YSG Biotech, Sabah, Malaysia

PROGRAMME

09:30	Welcome Address and Overview of the Webinar	Dr. C Kunhikannan Director, IFGTB, Coimbatore
09:35	Introduction to the Webinar	Shri. S D Sharma, IFS Deputy Director General (Research), ICFRE, Dehradun
09:45	Inaugural Address	Shri A. S. Rawat, IFS Director General, ICFRE, Dehradun
10:00	Advancements in Teak Plantations in the Tropics	Dr. Hwan-ok MA, Projects Manager, Division of Forest Management, ITTO, Japan
11:00	Production, Cultivation and Conservation of teak clones	Dr. Doreen Goh Managing Director YSG Bioscape Sdn Bhd Yayasan Sabah Group, Sabah, Malaysia
12:00	Research Needs in Teak	M. Srinivasa Rao, IFS Chief General Manager, FDCM, Maharashtra
12:10	Augmenting Production and Utilisation of Teak Timber in India	Dr. Madan Prasad Singh, IFS Director, IWST, Bengaluru
12:20	Sharing of Research Outputs	Dr. G. Rajeshwar Rao, ARS Director, TFRI, Jabalpur
12:30	Sharing of Research Outputs	Dr. R. Yasodha Scientist-G, IFGTB, Coimbatore
12:40	Panel Discussion	Exploring Barriers & Strategies for Promotion and utilization of Teak Plantations
13:25	Vote of Thanks	Shri. S Senthilkumar IFS Group Coordinator Research, IFGTB, Coimbatore

Link: <https://ifgtb.webex.com/ifgtb/j.php?MTID=m379cb0492a563fca48a2753acf614610>For further information contact Dr. R. Yasodha, Scientist-G
yasodha@icfre.org; yasodhaifgtb@gmail.com