



“TREE CULTIVATION TECHNIQUES FOR HIGHER ECONOMIC RETURNS”

20 - 22 September, 2023

**ICFRE- INSTITUTE OF FOREST GENETICS & TREE BREEDING,
COIMBATORE**

**SPONSORED BY
MINISTRY OF ENVIRONMENT, FORESTS & CLIMATE CHANGE, GOVERNMENT
OF INDIA**

The National Mission on Green India (GIM) is one of the eight missions launched under the National Action Plan on Climate Change (NAPCC). It was launched with the objective to protect, restore and enhance India’s diminishing forest cover and respond to climate change by a combination of adaptation and mitigation measures. The mission aims to safeguard the biological resources of India and associated livelihoods against the peril of adverse climate change and to recognise the vital impact of forestry on ecological sustainability, biodiversity conservation, and food, water and livelihood security. In this context, it was felt to dovetail the expertise and services of Krishi Vigyan Kendra in popularizing and scaling up the concept of Trees Outside Forests. Tamil Nadu has 30 Krishi Vigyan Kendras spread across all agro-climatic zones in the state. Convergence of ICFRE-IFGTB’s forestry research expertise coupled with larger field network of KVK scientists would pave way for wider dissemination of technologies to farmers.

In this background, ICFRE-IFGTB imparted **3 day training on “Tree Cultivation techniques for higher economic returns” to the KVK Officials during 20-22nd September, 2023.** The main objective of this training is to popularize and scale up the choice of species for Agroforestry, Cultivation techniques for higher income and field visit to progressive farmers’ field. The trained KVK officials shall act as master trainers for wider dissemination of tree cultivation technologies to the farmers.

The convergence of ICFRE-IFGTB's forestry research expertise coupled with larger field network of KVK scientists would pave way for wider dissemination of technologies to farmers. The training was **sponsored by Ministry of Environment, Forest & Climate Change (MoEF&CC), Government of India** under the '**Forestry Training & Capacity Building- Training for Personnel for Other Services**'.

The three days training program was inaugurated by Dr. K. T. Parthiban, Professor, Agroforestry, FC&RI, Mettupalayam. Dr. C. Kunhikannan, Director, ICFRE-IFGTB, Dr. R. Yasodha, Scientist-G & GCR, Dr. S. Saravanan, Scientist-F & Head, Extension and Shri. R. G. Madhavraj, IFS, DCF were present. The three day module was attended by 26 KVK Subject Matter specialists (Assistant Professors, Associate Professors, Subject Matter Specialists) nominated by the office of Directorate of Extension, Education, TNAU, Coimbatore and other KVKs of Tamil Nadu. The module included technical sessions on *Prospects of Sandal wood & its Cultivation, Commercial cultivation of Casuarina, Mahogany, Casuarina WindBreak Clones, Cultivation techniques of Tissue Culture Teak, Prospects & Possibilities for Red Sanders cultivation, Cultivation practices of Melia, Cultivation of Bamboo, Dry land species Ailanthus excelsa cultivation in Tamil Nadu & TREEGENIE – Interactive Digital platform.*

An exclusive one day field trip to Forest College & Research Institute, Mettupalayam was organized as part of training to learn significant impact of different agro forestry models with tree crop combinations including silvi-agri, silvi-horti, silvi-pasture etc., in increasing farm income. Participants also visited multi-functional agroforestry models, precision silviculture technique plots & forest products museum.

In the valedictory session, Dr. P. P. Murugan, Director, Extension Education graced the Valedictory session of the training. On the occasion, he requested all the SMS to take efforts for transfer of technologies in form of On Farm Trials (OFTs) and Field Level Demonstrations (FLDs) for greater outreach of technologies to the farmers.

Dr. C.Kunhikannan, emphasized on the need for institutional linkages to enable transfer of technologies to the farmers. He also stressed that convergence of IFGTB's forestry research expertise coupled with larger field network of KVK scientists would pave way for wider dissemination of technologies to farmers. He highlighted that the recent Memorandum of Understanding of ICAR and ICFRE to promote and accelerate progress in research and training in various disciplines of forestry and agro forestry research, education and extension is forward step to bring in institutional mechanism for convergence. All the participants were given certificates during the valedictory session.

**DIRECTOR
IFGTB**



Dr. C. Kunhikannan, Director, ICFRE- IFGTB addressing the KVK Scientists



Release of Training Manual "Tree Cultivation Technologies for higher economic returns" by Dr.K.T.Parthiban, Professor, FCRI, Mettupalayam



Sandal wood cultivation by Dr. Arun Kumar, A. N., Scientist, IWST, Bangalore



Cultivation on Tissue Culture Teak, Dr. Rekha R. Warriar, Scientist, IFGTB



Visit to Different agroforestry models in FCRI, Mettupalayam by Dr.V. Sivaprakasham, Associate Professor, FCRI





Visit to Forest Products Museum in FCRI, Mettupalayam



Clonal propagation techniques in FCRI, Mettupalayam



Visit to Briquetting area in FCRI, Mettupalayam



Distribution of Certificate to participants

