



Collaborative Training on

**VALUE ADDITION OF TAMARIND FOR IMPROVING LIVELIHOODS
ICFRE-INSTITUTE OF FOREST GENETICS AND TREE BREEDING
(INDIAN COUNCIL OF FORESTRY RESEARCH AND EDUCATION)**

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**CENTRE FOR POST HARVEST TECHNOLOGY, AEC & RI
TAMIL NADU AGRICULTURAL UNIVERSITY, COIMBATORE**

(Funded by CAMPA, MoEF & CC, GOI, New Delhi)

Training on Value Addition of Tamarind for Improving Livelihoods was organized by ICFRE - Institute of Forest Genetics and Tree Breeding, in collaboration with Centre for Post Harvest Technology, AEC & RI, Tamil Nadu Agricultural University, at Coimbatore. This schedule was on May 6th, 2024 a part of the third objective of the project on Tamarind (*Tamarindus indica* Linn.): Domestication, Conservation and Deployment of Genetic Resources for Sustenance and Livelihood Amelioration (AICRP-15) funded by CAMPA, MoEF & CC, Government of India, New Delhi.

Twenty-six participants from six tribal women's Self Help Group in the various regions of Senguttai, Arakkadavu, Sorandi, Gundoor, Gopanari, and Colanipudur villages in and around Anaikatty, Coimbatore district of Tamilnadu were participated in the training program. Shri. A. Mayavel, Scientist and Principal Investigator of the AICRP Tamarind Project extended a warm welcome to the esteemed guests and participants, underscoring the paramount importance of the training program.

Dr. V. Sivakumar, Scientist and Head of the Genetic and Tree Improvement Division, ICFRE-IFGTB, outlined of the objectives of the Value Addition of Tamarind for Improving Livelihoods.

Dr. B. Nagarajan, Group Coordinator Research and the National Project Coordinator (NPC) of AICRP-15 delivered a special address. He emphasized the benefits of this training for livelihood improvement and assured attendees that it would equip them with the essential technique how to produce value-added products of tamarind. The interdisciplinary nature of the training and its broader implications to develop tamarind products, its sustenance to enhancement of livelihoods were highlighted.

Dr. C. Kunhikannan, Director of ICFRE-IFGTB, delivered the Presidential Address, during which he highlighted the role of Tamarind trees in every part of life. He emphasized their diverse significance tamarind trees for enhancing livelihoods.

Dr. S. Karthikeyan, Professor and Head Centre for Post Harvest Technology, AEC & RI, Tamil Nadu Agricultural University, Coimbatore, inaugurated the training program. In his opening remarks, he highlighted the potential of national and international market value of tamarind products. He detailed various value-added tamarind products and their production processes. Expressing his appreciation, Dr. Karthikeyan thanked ICFRE-IFGTB for organizing such a valuable training session, acknowledging its crucial role in enhancing the livelihoods of the attendees.

Dr. V. Thirupathi, Professor (Food Process Engineering) explained about the machineries which are essential for the tamarind minimal processing and value addition and demonstrated the de-husking and deseeding mechanically through audio visual aids. Dr. V. Vani, Professor (Food Science and Nutrition) detailed about the Value added products and its processing methods from Tamarind. Conducted Hands on training in the title of readymade Puliogare mix from tamarind. Dr. P. Geetha, Professor-(Food Science and Nutrition) highlighted the Scope and importance of convenience foods in current Indian scenario and trained the participants in producing Tamarind based candies and its packaging techniques.

Dr.V.Veeranan Arun Giridhari, Associate Professor (Food Science and Nutrition) emphasize the significance of quality control and quality assurance of tamarind value added

products in the perception of export. Tamarind beverages and ketchup producing knowledge imparted to the participants through hands-on trainings. Dr.G.G.Kavitha Shree, Assistant Professor(Food Science and Nutrition) Enlighten the importance of minimally processing in the Indian food market and conducted the hands on training related to making Tamarind paste and Tamarind Powder. J.Geethanjali, Teaching Assistant (Renewable Energy) explained about the energy demand in the Indian industries and importance of renewable energy sources. Sensitize tamarind pod waste and seed material as source of energy via audio visual aids.

These interactive sessions enabled attendees to actively participate and gain hands-on experience on producing tamarind value-added products. By engaging directly in the process, participants not only improve their understanding but also honed valuable skills that they could immediately implement in their practices. This practical approach significantly amplified the impact of training. Equipping participants with essential knowledge to excel and enhance their livelihoods through innovative tamarind products was the process underlying this training program.

Feedback session & Valedictory

During the feedback session, participants strongly emphasized the need for more practical training. They highlighted its essential role in improving their skills, particularly at the grassroots level, which is crucial for advancing Tamarind product production. They expressed heartfelt gratitude to ICFRE-IFGTB for organizing such impactful training, acknowledging its significant influence on their livelihood enhancement.

On completion of the training participation, certificates were awarded to the trainees by Dr. S. Karthikeyan, Professor and Head at CPHT, TNAU, along with Dr. B. Nagarajan, Scientist-G at ICFRE-IFGTB. Shri A. Mayavel, Scientist-E at ICFRE-IFGTB, delivered the vote of thanks. He expressed deep appreciation to the CAMPA, MoEF & CC, GOI, New Delhi, for their substantial financial support and to CPHT at TNAU for their collaboration.



Dr. C. Kunhikannan, the Director of ICFRE-IFGTB, presented Dr. S. Karthikeyan, Professor and Head of CPHT at TNAU, with a flower bouquet to inaugurate the training session.



Dr. C. Kunhikannan, Director of ICFRE-IFGTB, delivering the Presidential Address



Welcome address by Shri. A. Mayavel, Scientist and Principal Investigator of the AICRP Tamarind Project, ICFRE-IFGTB.



Welcome address by Dr. V. Sivakumar, Scientist and Head of the Genetic and Tree Improvement Division, ICFRE-IFGTB and Special address by Dr. B. Nagarajan, a scientist and NPC of AICRP Tamarind Project, at the Forest Ecology and Climate Change Division of ICFRE-IFGTB.



Presentation by Dr. J Gitanjali, Teaching Assistant at CPHT, TNAU



Hands on Training on Production of Tamarind Paste at CPHT, TNAU



Hands on Training on production of Tamarind Ready-Mix Powder at CPHT, TNAU



Hands on Training on Production of Tamarind Candy at CPHT, TNAU



Group Photo at ICFRE-IFGTB



Group Photo at CPHT, TNAU