



इसके पारंपरिक, औषधीय और पोषण संबंधी उपयोगों पर विशेष ध्यान देने के साथ महुआ के पौधों की पहचान पर एक रिपोर्ट

A report on “Plant identification of Mahua with special focus on its traditional, medicinal and nutritional uses”

TRAINING UNDER VVK

The ICFRE-Coastal Ecosystem Centre, Visakhapatnam under ICFRE-Institute of Forest Biodiversity, Hyderabad conducted VVK training on “**Plant identification of Mahua with special focus on its traditional, medicinal and nutritional uses**” on 14th September 2023 at Jharsuguda, Odisha. The modules of the programme were set by Director, ICFRE-Institute of Forest Biodiversity, Hyderabad and implemented by Shri T. Srinivas, Scientist-B, Scientist-in-charge, ICFRE-Coastal Ecosystem Centre, Visakhapatnam.

In the inaugural session, Shri. T. Srinivas, Scientist, ICFRE-CEC welcomed the gathering and briefed about the training program including sharing of scientific advancement in Mahua research. Shri Manu Ashok Bhat, IFS, DFO, was the Chief Guest of the program. He spoke about the livelihood development through forest products and shared his field-level experiences in forest conservation and importance of forest products.

Shri E. Manikanta Reddy, Technician, ICFRE-IFB delivered talk on “Genetic Improvement of Mahua (*Madhca longifolia*): Present Status of ICFRE-IFB Research”. He elaborated different sample collection techniques for establishment of Mahua nursery. He also discussed various activities conducted by ICFRE-IFB on Mahua research.

Smt. Gayathri Girish, Technical Assistant, ICFRE-CEC gave lecture on “Traditional uses and Nutritional Properties of (*Madhuca longifolia*)”. She elaborated about the various uses of Mahua leaves, flowers, and seeds to the participants. She pointed out about the

phytochemical attributes of Mahua and its uses as a medicine for many diseases including headache, diarrhoea, skin, and eye diseases.

Shri. T. Srinivas, Scientist, ICFRE-CEC, delivered talk on “Physicochemical Analysis, Ethnomedicinal Properties and Future Prospects of Mahua (*Madhuca longifolia*) as a food. He elaborated about the preparation of Mahua flower powder and extraction of various physicochemical components from Mahua dried flower. He also discussed about the suitability of Mahua seed oil for cooking purpose, various ethnomedicinal properties and antibacterial nature of Mahua flower. Later, he discussed about the various techniques involved in preparation of mahua candy, RTS, Ladoo, Bar, Squash, and other fermented products.

In closing, the participants appreciated the efforts of ICFRE-CEC, Visakhapatnam and the ICFRE-IFB, Hyderabad for bringing this impressive training program. A total of 55 forest staff of Jharsuguda division was participated in the training program. The program concluded with a vote of thanks by Shri. T. Srinivas, Scientist, ICFRE-CEC. The overall program was coordinated by Shri. M. Ganesh, TA, ICFRE-CEC, Visakhapatnam.



