



## **Three-Day Workshop On**

# **Transforming Bio-Resources into Market Innovations: Extraction. Product Development & Patenting of NTFPs and Medicinal Plants**



**ORGANIZED BY**

**Forest Ecology & Climate Change Division  
ICFRE-Institute of Forest Biodiversity,  
Hyderabad**

**SPONSORED BY**

**MoEFCC, NEW DELHI**

**Date:**

**05<sup>th</sup> to 07<sup>th</sup> AUGUST, 2026**

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### **ORGANISING COMMITTEE**

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**Institute of Forest Biodiversity, Hyderabad**

### **ABOUT THE WORKSHOP**

The Three-Day Workshop on “Transforming Bio-Resources into Market Innovations: Extraction, Product Development & Patenting of NTFPs and Medicinal Plants” is designed for M.Sc./Ph.D. Scholars in Sciences, young entrepreneurs and start-ups in herbal, cosmetic, and nutraceutical sectors, as well as forestry and agroforestry professionals interested in the commercialization of Non-Timber Forest Products (NTFPs).

The workshop seeks to bridge the gap between scientific research and market-driven product development by providing intensive exposure to extraction techniques, phytochemical profiling, bioactive compound identification, formulation

development, quality control, intellectual property rights (IPR), and patenting strategies related to medicinal plants and forest-based bio-resources. Participants will be introduced to emerging trends in herbal products, nutraceuticals, cosmetics, and sustainable forest-based enterprises, along with regulatory frameworks and commercialization pathways. Through expert lectures, practical demonstrations, interactive sessions, and case studies, the workshop will equip participants with hands-on knowledge in processing technologies, product standardization, entrepreneurship development, branding, packaging, market linkage, and start-up opportunities in the herbal and NTFP sectors. Special sessions on patent drafting, technology transfer, innovation management, and funding opportunities for start-ups will further support participants in transforming scientific ideas into commercially viable products.

### **ABOUT THE INSTITUTION**

The ICFRE-Institute of Forest Biodiversity (ICFRE-IFB), located at Dulapally, Hyderabad, was initially established as the “Advanced Centre for Biotechnology and Mangrove Forests” and was later renamed as the “Forest Research Centre, Hyderabad” on 9 July 1997. Subsequently, in 2012, the Centre was upgraded to the status of an Institute and rechristened as the “Institute of Forest Biodiversity.” The Institute is spread across a 100-acre campus equipped with well-developed research infrastructure and modern laboratory facilities. In addition to the main campus, the Institute has a field station at Mulugu and a Research Centre, namely the ICFRE-Coastal Ecosystem Centre, at Visakhapatnam.

Further, various research trial plots under the All India Coordinated Research Project (AICRP) have been established across different regions of Telangana to support field-based investigations and long-term ecological studies.

The Institute strives to attain excellence in the conservation of forest biodiversity and the sustainable utilization of forest genetic resources for enhancing ecosystem productivity and supporting rural livelihoods. Its mission is to undertake focused and need-based research on forest biodiversity for developing effective strategies related to conservation and sustainable utilization of forest genetic resources, eco-restoration of degraded and stressed ecosystems, and climate change mitigation and adaptation. The Institute is specifically mandated to conduct research on conservation and sustainable management of forest biodiversity, with special emphasis on the Eastern Ghats, mangroves, and coastal ecosystems.

The institute is actively engaged in research projects focusing on biodiversity conservation, ecology and environment, and climate change, which are highly significant in addressing emerging challenges related to ecosystem conservation, environmental sustainability, and the impacts of climate change. The ongoing projects primarily involve systematic documentation and analysis of forest vegetation, including studies on the frequency, density, and growth parameters of tree species, assessment of seedlings of major timber species, and monitoring of

regeneration status across different seasons in selected forest ecosystems.

In addition to ecological and climate-related studies, the Institute is also undertaking multidisciplinary research on integrated pest management strategies for stem borers and other economically important forest pests. The research activities further extend to natural product isolation, pheromone extraction, characterization, and exploration of bioactive compounds with potential applications in forestry, agriculture, pharmaceuticals, and allied sectors.

### **Registration and Participation Guidelines**

Participants with an M.Sc. or Ph.D. in Life Sciences or Chemical Sciences (with relevant specialization) are eligible. However, qualification requirements may be relaxed for individuals with strong interest in start-ups or entrepreneurship in the fields of Herbal Products, Cosmetics, Nutraceuticals, Forestry/Agroforestry, or in the commercialization of Non-Timber Forest Products (NTFPs).

- The total number of seats is limited to 30 participants.
- Participants from Telangana, Andhra Pradesh, and Odisha will be prioritized for this training programme.
- Please complete the registration form through the Google Form available at the link or QR code below
- Selected candidates will be notified thereafter by email.

- No registration fee will be charged.
- Accommodation and travel allowance will be provided to selected participants. Travel reimbursement will cover public transport, including Government buses (Non-AC) and Train Sleeper Class fare.
- Breakfast, lunch, and dinner will be provided during the 3-day training program.
- Physical mode of participation is mandatory for the participants.

**LAST DATE OF REGISTRATION 10 July 2026**

**SELECTED CANDIDATES WILL BE NOTIFIED  
BY 14 July 2026**

**[Google Form Link / QR Code](#)**

**[CLICK HERE FOR REGISTRATION](#)**

**or**

