



# Horticultural College and Research Institute, TNAU, Coimbatore-641003

## EXTRACTION OF BIOACTIVE COMPOUNDS FROM SPICES AND MEDICINAL PLANTS

### ABOUT THE TRAINING

To impart knowledge about extraction of bioactive compounds from spices and medicinal plants with the aim to improve conceptual as well as practical knowledge. Bioactive compounds from spices and medicinal plants are currently the subject of commercial significance. Scientists have developed many protocols for extraction of bioactive ingredients over decades to ensure the effectiveness and the efficacy of marker compounds or health beneficial compounds to prevent or cure human disease conditions.

### MODULE OF THE TRAINING

Basics in extraction of bioactive compounds from plants – Commercial significance of spices and medicinal plants– Nature of phytochemical content – Fresh and dried plant material – Drying procedures – Grinding or powdering of plant materials – Extraction techniques – Conventional techniques – Maceration – Digestion – Infusion – Decoction – Tincture. Advanced Extraction techniques – Solvent based extraction techniques – Solvent free extraction techniques– Working principles–Quality assessment Techniques.

### WHO CAN BENEFIT

Students, research scholars, scientists, entrepreneurs, farmers, self-help groups, Farmers producers organizations, Nursery owners, New start-up youths etc.

### REGISTRATION DETAILS

- 2 days training (06.02.2025 & 07.02.2025)  
Rs.4,720/- (including GST@ 18%)
- Registration fee includes registration kit, working
- lunch and refreshments during the training period

### CERTIFICATE

At the end of the training program, participation certificate will be provided on full attendance.

### CONTACT DETAILS

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