

## **SHORT TERM TRAINING PROGRAMME**

### **GREEN TECHNOLOGIES FOR STORAGE OF FOOD GRAINS 04.10.2023 – 06.10.2023**

The training programme would focus on:

- Introduction to green technologies and food safety
- Pesticide formulations for food protection
- Chemical Pesticides and their residue contamination in foods (ELISA / GC/ GC – MS/ HPLC)
- Pesticide residue detection and monitoring methods

Second Day

- Introduction to non – chemical methods (UV, O3, IR, etc) for food protection
- Isolation and characterization of bioactives from plants using chromatography techniques (GC/ GC-MS/ HPLC)
- Extraction of plant essential oils and development of aromatic products
- Botanical pesticide formulations and applications
- Decontamination of microbes and their products
- Natural products based food packaging technologies
- Nanotechnology in food protection and safety
- Green technologies demonstration (Bio – fumigation / o3/ Hermetic)

#### **Course Organizer:**

Dr. C S Vivek Babu, Dr. S Ezil Vendan,  
Food Protectants & Infestation Control  
Department

#### **ELIGIBILITY CRITERIA**

- Knowledge of the subject under focus and preferably a basic degree.
- Knowledge of English is essential as the medium of presentation and interaction is English.

#### **TRAINING FEE**

Training Fee is Rs. **09,000/-** per participant  
(Inclusive of GST, registration kit, working lunch, session tea and participation certificate will be issued to the successful participants)

Training charges may be through SBI Collect (Online Payment System)

Training fee is subject to revision as governed by the rules and regulations of the institute.

#### **All communications**

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For further information about our Institute, training programmes and online application log on to  
<http://www.cftri.res.in>