



ICAR – Central Institute of Agricultural Engineering, Bhopal



Information Brochure

Training on Entrepreneurship Development in Food Processing



About the Training

Food processing enterprise is highly supported by Govt. of India which can boost the value addition, income and employment generation and nutritional security. Government is also encouraging the new entrepreneurs for establishment of business through the support of different schemes such as PMKSY, PMFME, ODOP, Vocal for Local, circular economy, self reliant India etc. The Indian food processing sector contributes significantly to the country's Gross Domestic Product (10-12 % GDP). Agro-Produce Processing Division (APPD), ICAR-CIAE, Bhopal have developed several technologies on primary and secondary processing of fruits, vegetables and food grains. These technologies have commercial potential and can be very useful to the entrepreneurs and young aspirants for establishment of their own enterprise.

Course objectives

To make the entrepreneurs, industry personnel and educated aspirants looking for business, aware about CIAE developed food processing technologies. To demonstrate the potential technologies to the stakeholders and provide information and technical support for enterprise development.

Topics to be covered

- Millet Processing
 - Millet processing machinery: Cleaner cum grader, Destoner, Dehusker, Millet fermenter, Roaster, flour mill, millet popping machine etc.
 - Millet based products: Biscuit, health mixture, Dalia, spread, lassi, beverages, roasted millets, soup, soya-millet fermented powder, bread etc.
- Soybean processing: Soya milk, tofu, nuts, biscuits, soya chap, soya cheese spread.
- Primary processing of horticultural produce: Washing, grading, packaging and storage
- Onion storage
- On-farm storage system for perishable produce
- Minimal processing of fruits and vegetables
- Chemical free process technology for raisin production

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- Ripening chamber
- Food packaging techniques: MAP, Active packaging, Intelligent packaging, Smart packaging
- Bio-degradable packaging film
- Technology package for tender jackfruit processing
- Advance commercial drying systems
- Grain handling system,
- Sensor based grain storage system
- Pulse storage system
- By-product utilization
- Biscuit making unit
- Onion paste making unit
- Tomato Processing: Ketchup, puree, powder
- Aonla powder processing
- Agro-processing center : Cleaning grading, milling, spice processing and oil expelling
- Testing of post-harvest machines

Application Process

Applicants can download the application form from ICAR-CIAE, website (<https://ciae.icar.gov.in>).

Duly filled application form along with Demand Draft (DD) of Rs.10500/- can be sent to the Course Director/ Coordinators by post on the address and contact details given overleaf. Applicants can also do the online payment thorough the link available on institute website.

Registration Fees

The participants are required to pay a sum of Rs. 10500/- (inclusive of 18 % GST) as registration fee (Non-refundable) along with the completed application in the form of Demand Draft drawn in favour of ICAR UNIT, CIAE BHOPAL payable at Bhopal.

Boarding and Lodging

Lodging and boarding will be provided to the participants and its charges all included in the training fee. The Institute has a furnished guesthouse facility.

Travel

Participants has to make their own arrangements and pay charges of To and Fro travelling to ICAR-CIAE, Bhopal

Host Institute

The ICAR-Central Institute of Agricultural Engineering (CIAE) is a premier Institute in the country to conduct basic, applied and adaptive research in agricultural engineering. Human resource development by organizing specialized training courses is a major commitment of the Institute to upgrade the skills stakeholders.

How to Reach CIAE

Bhopal is well connected by air, rail and road. Pre-paid auto rickshaw and taxi can be availed at railway station to reach ICAR- CIAE Bhopal campus. The Institute campus is located on Berasia Road and is 7 km from Bhopal Railway Station and 15 km from Inter State Bus Terminus.

