

About CIFT

Central Institute of Fisheries Technology (CIFT) under the Indian Council of Agriculture Research (ICAR), New Delhi, is the only technology Institute in India which caters to the broad spectrum of fisheries from harvest to post-harvest operations, covering both inland and marine sectors. CIFT is ISO / IEC 17025: 2017 NABL accredited, ISO 9001: 2015 certified laboratory and is recognized by FSSAI as a National Referral Laboratory and National Reference Laboratory for testing of fish and fishery products. CIFT provides consultancy and transfers harvest and post-harvest technologies to various beneficiaries and stakeholders. The institute is actively involved in developing fish and fish product standards for BIS, FSSAI, and Codex Alimentarius.



About Engineering Section

Engineering Section of ICAR-CIFT is pioneers in the technological interventions in the field of harvest and post-harvest fisheries sector. Engineering section had contributed to the design and development of fish processing equipment and machineries, energy efficient and eco-friendly solar fish dryers, indigenous instruments and gadgets for application in harvest and post-harvest fisheries, techniques for energy and water use optimization in seafood processing industries, and development of greener refrigeration system. Focused areas of research are on development of cost-effective solar dryers with LPG/gasifier, biomass or electrical back-up heating systems, advanced hot-air assisted infrared dryers, carbon nanodot coated thermal efficient solar air collectors with PCM based dryers, fish de-scaling machines, fish smoking kilns, fish freshness sensors, etc.



Important Dates

Apply before:
05 JANUARY 2025

Selection:
15 JANUARY 2025

Participants confirmation:
18 JANUARY 2025

Contact us

Engineering Section,
ICAR-Central Institute of Fisheries Technology
CIFT Junction, Willingdon Island
Matsyapuri P O, Cochin, Kerala – 682 029

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REGISTER NOW



<https://forms.gle/mFvKuRXMCMHZpDCL8>



Training course on

EMERGING TRENDS IN FOOD PROCESSING: INNOVATION, TECHNOLOGY AND SUSTAINABILITY

19th to 25th February 2025

Organized by

Engineering Section

ICAR-Central Institute of Fisheries Technology
CIFT junction, Willingdon Island, Matsyapuri P O
Cochin, Kerala-682029



Course Director

Dr. Neethu K C
Scientist, Engineering Section, ICAR-CIFT

Course Coordinators

Dr. Murali S
Scientist & Incharge, Engineering Section, ICAR-CIFT
Dr. Aniesrani Delfiya D S
Scientist, Engineering Section, ICAR-CIFT



Sponsored by

Scheduled Caste Sub Plan
Indian Council of Agricultural Research
Krishi Anusandhan Bhawan-II
Pusa, New Delhi-110012

About the Training

This advanced training course is offered for B.Tech/M.Tech students in the discipline of Food Technology / Food Engineering / Agricultural Engineering/ Postharvest Technology / any other equivalent or relevant engineering disciplines. The objective of this course is to update the knowledge about the latest technologies and industry trends in food processing sector. This course is an ideal launchpad for graduates seeking careers in both research and food industry helping in excellent employability prospects of suitably skilled graduates.

Topics covered:

- Sustainable options for energy and water use in seafood industries
- Recent advances in postharvest fisheries sector
- Selective coating and thermal energy storage systems
- Non-thermal fish processing technologies
- Application of computational fluid dynamics in fish processing machineries
- Natural refrigeration system in fish preservation
- Application of AI and IoT in postharvest fisheries sector
- Seaweed based nutraceuticals - present trends and future prospects
- Seafood quality and safety systems
- Novel food packaging techniques
- Advances in post-harvest processing of cereals, pulses and oil seeds
- Processing and Value Addition of Millets-Novel approaches
- Post-harvest processing of horticultural crops
- Advances in dairy processing technologies
- Advancements in spice processing and value addition
- Tuber crops processing and value addition
- Processing and Value Addition in Plantation Crops
- Industrial visits

Duration

The training is of 6 days duration and is scheduled to be organized during 19-25th February 2025. Outstation participants are required to reach ICAR CIFT latest by the evening of February 18, 2025. The participants are advised to plan their return journey after 5:30 PM on February 25, 2025.

Eligibility

This is a special capacity-building programme for the students belonging to the **Scheduled Caste** category. Graduate and post-graduate students in relevant engineering disciplines is eligible to apply. A total of 25 candidates shall be selected for the course. A screening committee shall make the selection of the candidates as per the guidelines of ICAR. The selected candidates shall be intimated regarding their selection for training on or after 15th January 2025.

How to Apply



<https://forms.gle/mFvKuRXMCMHZpDCL8>

Eligible candidates are advised to submit their application through the google form (link provided above). The participants must attach the form duly filled in and signed and approved by the Dean/competent authority of the institute.



Travel, food, and accommodation

The candidates selected for participation in the training shall be reimbursed with travel expenses (to and fro) as per their entitlement restricted up to sleeper class rail fare by the shortest route subject to submission of documentary evidence in terms of original tickets. Participants will be provided with food and accommodation as per ICAR norms.



Venue and Location

Engineering Section,
ICAR-CIFT, CIFT Junction,
Matsyapuri P O, Willingdon Island,
Cochin, Kerala-682 029.

