

About us

The ICAR-Central Institute of Fisheries Technology (ICAR-CIFT) is the only national research institute in the country that caters to the needs of harvest and post-harvest fisheries, covering both inland and marine sectors. CIFT is ISO / IEC 17025: 2017 NABL accredited, ISO 9001: 2005 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 the Division

Microbiology, Fermentation, and Biotechnology (MFB) Division of ICAR-CIFT, pioneers in research on seafood microbiology, antimicrobial resistance, aquatic animal disease surveillance, harnessing bioactive molecules from aquatic microbes and aquaculture probiotics. The MFB division is equipped with sophisticated instruments such as microarray, FTIR, PFGE, Bio-analyzer, real-time PCR, etc. The division continually supports the seafood industry by providing services for testing OIE-listed viral pathogens of shellfish, determining Clostridium botulinum toxins in seafood, and identification of spoilage flora associated with seafood products thereby ensuring seafood safety and contributing to achieving the goal of nutrition for all.



CONTACT US

Phone

0484-2412300

Website

www.cift.res.in

email

mfbdivn@gmail.com
aris.cift@gmail.com

Address of course Director

Dr. Toms C. Joseph
Principal Scientist & Head
Microbiology Fermentation and Biotechnology
Division
ICAR-Central Institute of Fisheries Technology
CIFT Junction, Willingdon Island
Matsyapuri post, Cochin, Kerala
PIN: 682029
Mobile No: 8848356587

Brainstorming training
on

**“Advanced microbiological and
molecular techniques for improving
the competence of students in
Biological Sciences”**

19-24 September 2022

Course Director

Dr. Toms C. Joseph
Principal Scientist, ICAR-CIFT

Course coordinators

Dr. G. K. Sivaraman
Shri. Radhakrishnan Nair
Dr. S. Visnuvinayagam
Dr. V. Murugadas
Smt. T. Muthulakshmi
Dr. Minimol. V. A
Shri. S. Ezhil Nilavan

Sponsored by

Indian Council of Agricultural Research
(SCSP plan)
Krishi Anusandhan Bhawan-II
Pusa, New Delhi-110012



About the training

The present course is aimed for Master's degree students and final year Bachelor's degree students studying in the area of Microbiology, Biotechnology and Life sciences. The objective of this course is to expose the participants to the recent advancements in microbiological and biotechnological techniques.

The programme is designed to give equal significance to both theory and practical exposure. A heterogeneous group of eminent scientists, other than the scientists of the parent division are likely to establish integration among different disciplines. The present course encompasses sharing of knowledge and skills pertaining to advanced microbiological and molecular techniques for improving the competence of students in Biological Sciences.

Broadly, the following topics shall be covered in the training:

- Overview of seafood-borne pathogens and food microbiology
- Conventional microbiological techniques
- Modern biotechnological tools
- Determination of antimicrobial resistance in microorganisms
- Exposure to PCR, ERIC PCR, PFGE, FTIR, etc.
- Introduction to bioinformatics

Duration

The training is of 6 days duration and is scheduled to be organized during 19-24 September 2022. Outstation participants are required to reach ICAR-CIFT latest by the evening of September 18, 2022. The participants are advised to plan their return journey after 5:00 PM on September 24, 2022

Eligibility

This is a special capacity-building programme for the students belonging to the Schedule Caste category. Postgraduate and final year Bachelor's degree students in Microbiology, Biotechnology, and Life sciences are eligible to apply. A total of 15 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 3rd September 2022.

Procedure of Participation

Eligible candidates may download the application format from the ICAR-CIFT website or they can prepare as per the format given in the brochure. The participants may send the application form duly filled in and approved by the competent authority of the organization to the Course Director at the address given in the brochure by email (mfbdvn@gmail.com) or post.

Travel, food, and accommodation

The candidates selected for participation in the training shall be reimbursed 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, and trainees will be accommodated in the ICAR-CIFT Trainees Hostel on sharing basis at the expense of CIFT.

Venue and Location

Microbiology Fermentation and Biotechnology Division, ICAR- CIFT, CIFT Junction, Matsyapuri post, Willingdon Island, Cochin, Kerala-682029.

Important Dates

Last date for receipt of applications: 27th Aug 2022

Intimation of Selection: 3rd Sep 2022

Last date of confirmation by Participants: 12th Sep 2022

Application form

ICAR sponsored short-term brainstorming training on "Advanced microbiological and molecular techniques for improving the competence of students in Biological Sciences"

1	Full name (in capital letters)	:	:
2	Degree	:	:
3	Official address for correspondence	:	:
4	Permanent address	:	:
5	Date of birth	:	:
6	Sex (Male/Female)	:	:
7	Marital status (Married/Unmarried)	:	:
8	Do you belong to Schedule caste community (Attach a proof of community certificate or certificate issued by the head of the institute)	:	:
9	Academic qualification (UG onwards)	:	:
10	Specialization	:	:
11	Requirement for Boarding (Yes/No)	:	:

Place:

Date:

Signature of the applicant

Certificate

This is to certify that the information furnished by the applicant was checked with office record and was found correct.

Signature of the head of Institute with stamp

Enclosure: 1. Copy of community certificate/certificate issued by the head of the institute
2. Copy of Aadhar

