

Application format for participation in
CAFT training program on

Advanced Analytical Techniques for Isolation and Characterization of Aquatic Microbes

02 to 12 January 2018

1. Name (in block letters)
2. Designation
3. Present employer address
4. Address to which reply should be sent (in block letters)
5. Permanent address
6. Date of birth
7. Sex
8. Teaching/research/professional experience (mention post held) during last 5 years and number of publications
9. Marital status
10. Mention if you have participated in any research seminar, Summer/Winter schools, short courses etc during last 5 years under ICAR/other organizations

Bank _____

Dated _____

11. Academic record

Degree	Discipline	Year	Class	University
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12. Recommendations of forwarding institute

Signature
Designation
Address

Date :

Certificate

It is certified that the information was furnished by the office records and was found correct.

PROGRAMME DIRECTOR

Dr. Gopal Krishna

Director / Vice-Chancellor
ICAR-CIFE, Mumbai

COURSE DIRECTOR

Dr. K.V. Rajendran

Head, AEHM Division

CAFT COORDINATOR

Dr. K. Pani Prasad, Principal Scientist,

AEHM Division

COURSE COORDINATORS

Dr. Satya Prakash Shukla, Principal Scientist,

AEHM Division

Mr. Saurav Kumar, Scientist,

AEHM Division

Ms. Rathi Bhuvaneswari G., Scientist,

AEHM Division

COURSE CO-COORDINATOR

Dr. Kundan Kumar, Scientist,

AEHM Division

Important dates:

Receipt of applications:

30th November 2017

Acceptance/Confirmation:

7th December 2017

Accommodation available:

1 to 13 January 2018

Filled in applications should be sent to:

Dr. Satya Prakash Shukla

Principal Scientist, AEHMDivision,

ICAR - Central Institute of Fisheries Education

Versova, Mumbai-61

Phone: 022 26361446 Ext. 272, Fax: 022 26361573

Important emails:

spshukla@cife.edu.in

saurav@cife.edu.in

rathi@cife.edu.in

kundankumar@cife.edu.in

CAFT Training Program on Advanced Analytical Techniques for Isolation and Characterization of Aquatic Microbes

02 to 12 January 2018



ICAR - Central Institute of Fisheries Education
(Deemed University)
Mumbai
www.cife.edu.in

Background

At present, mostly traditional methodologies are commonly used for identification of bacteria and algae however, an acquaintance with recent techniques is necessary for the development of expertise and competence. The emphasis of this CAFT training programme is on enhancement of the knowledge and capacity of researcher/faculty for the strengthening their teaching/research aptitude of the participants. The content of the training is designed for imparting the knowledge and skills about modern and advanced tools and techniques used in aquatic microbiology for the study of the aquatic microbes. The training will strengthen the practical skills and enrich and update the theoretical knowledge of the participants about the advancement in aquatic microbiology. The sessions will be made interactive so there will be sufficient scope for the exchange of knowledge and ideas among the participants and resource persons.

Course Content

- ❑ Overview on aquatic microbes of marine ecosystem
- ❑ Overview on aquatic microbes of fresh water ecosystem
- ❑ An overview of techniques for assessing microalgal diversity
- ❑ Pigment based characterization of algae
- ❑ Culture based techniques for identification of aquatic bacteria
- ❑ Molecular techniques for identification of aquatic microbes
- ❑ Culture independent techniques for identification of aquatic microbes
- ❑ Automated bacterial identification system: Vitek2 compact system
- ❑ Aquatic viruses and detection techniques
- ❑ Remote sensing based algal bloom detecting techniques

Eligibility

Assistant professor and above/scientists/ extension personnel/researchers who are employed in SAU/CAU/ ICAR Deemed universities/Institutes are eligible for this training programme. The applications must be forwarded by the head of the institution. The total no. of seats will be 20 (twenty) only and it will be allotted on first come first serve basis.

Course-fees and TA / DA

There is no course fee for the training program. To and fro II AC train fare, by the shortest route will be reimbursed on production of tickets (both way) by the organisers. DA will be paid only for the journey period, provided they produce a certificate that they are not being paid TA and DA. Free boarding and lodging arrangements will be made in the ICAR-CIFE campus.

Intake Capacity

Twenty participants

Application

The participants should submit their application online using CBP portal (<http://iasri.res.in/cbp/> or under the link Capacity Building Program at <http://icar.org.in>). After filling the online application, take a print out and get it approved by the competent authority of the organization. Upload the scanned copy of application through CBP portal.

ICAR-Central Institute of Fisheries Education

ICAR-Central Institute of Fisheries Education (ICAR-CIFE), in over 50 years of existence, has emerged as a Centre of Excellence in Higher Education in Fisheries and allied disciplines. The Institute was established on 6th June 1961, under the Ministry of Agriculture, Govt. of India with assistance from FAO/UNDP. It came under the administrative control of Indian Council of Agricultural Research (ICAR) in 1979. Considering the wide mandate involving education, research and extension and recognizing the pivotal role played

by CIFE in human resources development in fisheries, the Institute was conferred the status of Deemed-to-be University in 1989. ICAR-CIFE is now placed in a new campus with state-of-the-art facilities and located about 8 km from the domestic and international airports and 20 km from Dadar railway station, a major rail terminus in Mumbai. The training will be conducted in the Seven Bungalows campus of CIFE. It is 5 minutes walk from Seven Bungalows bus depot.

