

How to Apply?

Interested participants shall register and apply online through <https://cbp.icar.gov.in>. After login, click on "Participate in Training" link, fill the proforma and send the duly signed copy through proper channel to the Course Director. Advance scanned copy of the application may be sent by email to sanathkumar@cife.edu.in or manjusha@cife.edu.in

A sum of Rs. 50/- (Rupees Fifty only) have to be paid by the participants towards registration fee (Non-refundable). Applicants should upload the draft/payment receipt along with complete application. The fee may be paid to ICAR UNIT CIFE MUMBAI (Account No. 10132355212), SBI Versova Branch, IFSC Code: SBIN0003117.

Important Dates

Last date for receipt of applications

10-12-2022

Acceptance/confirmation

12-12-2022

Important e-mails

sanathkumar@cife.edu.in

manjusha@cife.edu.in

PROGRAMME DIRECTOR

Dr. Ravishankar C. N.

Director / Vice-Chancellor,
ICAR-CIFE, Mumbai

COURSE DIRECTOR

Dr. Sanath Kumar H.

Principal Scientist
FRHPHM Division

COURSE COORDINATORS

Dr. B. B. Nayak

Principal Scientist & HoD
FRHPHM Division

Dr. Manjusha L.

Senior Scientist
FRHPHM Division

Filled in applications should be sent to:

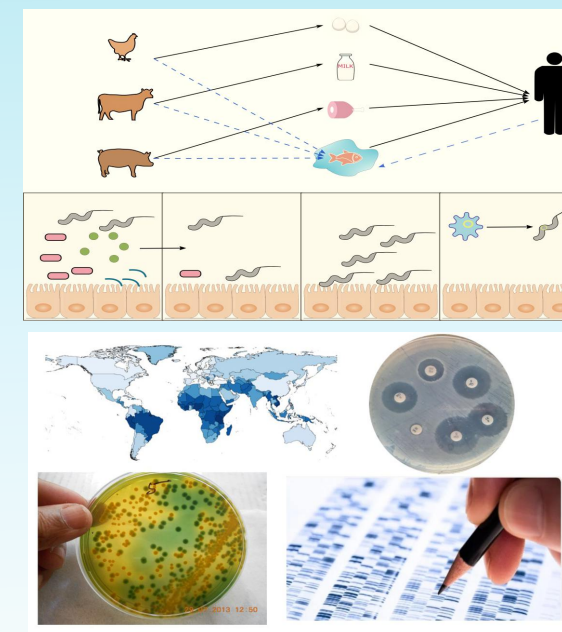
Dr. Sanath Kumar H.

Principal Scientist, FRHPHM Division,
ICAR - Central Institute of Fisheries Education
Versova, Mumbai-61
Phone: 9594731527/ 9967648195

Winter School on

Antimicrobial resistance in food fish: Challenges and Mitigation

09 to 29 January, 2023



ICAR-Central Institute of Fisheries Education

(Deemed University)

Mumbai

www.cife.edu.in

Winter School on Antimicrobial resistance in food fish: Challenges and Mitigation

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Seafood has profound significance in promoting the health and food security of global population. However, seafood has also been involved in human illness. Contamination of seafood with pathogens, especially the multi-drug resistant (MDR) ones poses a threat to seafood safety. Infections by MDR bacteria can be complicated by the fact that these bacteria are recalcitrant to many clinically relevant antibiotics. Such bacteria can contaminate seafood via different pathways and end up in the human food chain. Coastal pollution with sewage is a major source of pathogenic as well as MDR bacteria into the coastal-marine environment. Thus, seafood as vehicles of multiple drug resistant human pathogenic bacteria is an emerging problem that can potentially compromise the safety of seafood for consumption as well as its acceptance in the global market. In this background, it is important to understand the current status and future implications of contamination of seafood with MDR bacterial pathogens. This winter school program is designed to emphasize on the issue of antibiotic resistance in seafood pathogens, mechanisms, spread and different approaches for its mitigation through the “One Health” approach.

Course content

- Status of antimicrobial use in food systems, antibiotic resistance & spread
- Seafood export and antibiotic resistant bacteria
- Fish-borne pathogens of public health significance, known & emerging
- Human health significance of antimicrobial resistant bacteria
- Mechanisms of antibiotic resistance

- Methods for detection of antibiotic resistance –phenotypic & genotypic
- Antimicrobial resistance in aquaculture systems and the environment
- Mechanisms of dissemination of resistance traits
- Microbiome and AMR gene mining
- One Health approach for antibiotic resistance mitigation

Eligibility

Faculty members or scientists working in the level of Assistant Professor or equivalent and above/Researchers who are employed in Central/State Government SAUs/KVK/CAU

Provision of accommodation

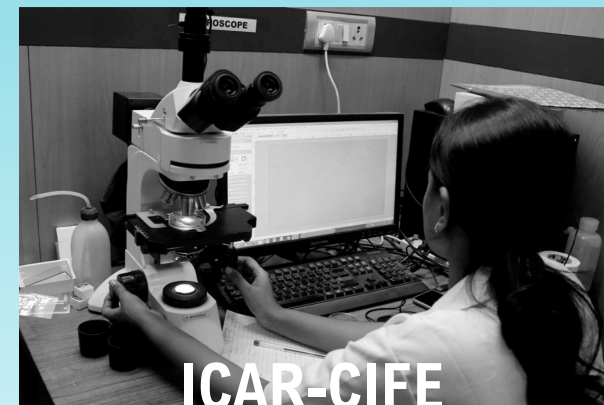
The participants shall be provided accommodation. In view of the shortage of space, participants may have to share room with others. Participants are advised not to bring their families, as accommodation for them is not possible

Travel Allowance

Reimbursement of participants’ travel expenses will be done for the journey, to and fro, as per ICAR guidelines. Participants are required to produce money receipt/ tickets in support of their claims.

Intake capacity

Twenty participants



ICAR-CENTRAL INSTITUTE OF FISHERIES EDUCATION

ICAR-Central Institute of Fisheries Education (CIFE), in over 60 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.

