

Short Course on
**Antimicrobial Resistance and Alternatives to
AMR with Special Reference to
Fisheries and Aquaculture**

1 – 10 November 2022



CAFT in Fisheries Science
ICAR-Central Institute of Fisheries Education

(University under Sec.3 of UGC Act, 1956)
Indian Council of Agricultural Research
Panch Marg, Off Yari Road, Mumbai 400061.
Phone: 022-26361446/7/8
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Antimicrobial Resistance and Alternatives to AMR with Special Reference to Fisheries and Aquaculture

Today, the treatment of bacterial infections is becoming increasingly complicated. The remedies for bacterial infections are in the midst of a revolution. The AMR developed by these microorganisms is a major challenge that aqua culturists are facing today. A relationship has been demonstrated between the increased use of antimicrobials in human, veterinary and aquaculture practices. Misuse and overuse of antimicrobials are the main drivers in the development of drug-resistant pathogens. As a result of drug resistance, antibiotics and other antimicrobial medicines become ineffective and infections become increasingly difficult or impossible to treat. Further research showed that the origin and spread of AMR is, in fact, a very complex problem. Hence, there cannot be a single solution for minimizing AMR; rather a coordinated multi-disciplinary approach is the need of the hour especially to develop alternatives to antibiotics which do not develop resistance.

In view of this, the Short Course on ANTIMICROBIAL RESISTANCE AND ALTERNATIVES TO AMR WITH SPECIAL REFERENCE TO AQUACULTURE is being organized at the ICAR-Central Institute of Fisheries Education, Versova, Mumbai - 400 061, from 1–10 Nov., 2022.

Topics

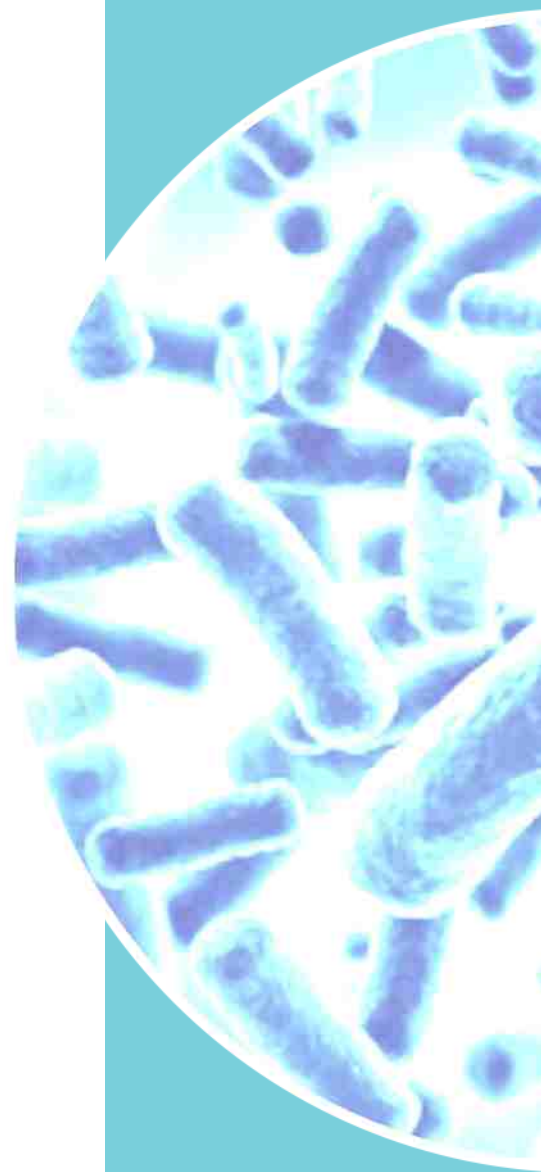
- Antibiotics, classification & their action
- Antibiotics for disease management in aquaculture
- One Health
- Microbial sensitivity & resistance
- Alternatives to antibiotics
- Antibiotic residues
- Resistance genes

Eligibility

Assistant Professors and above / Scientists / Extension Personnel / Researchers who are employed in Central / State Government SAUs/KVK/CAU are eligible for the training programme. The applications must be forwarded by the Head of the Institution. All the applications duly forwarded may be sent to the Course Director, Short Course on ANTI MICROBIAL RESISTANCE WITH SPECIAL REFERENCE TO AQUACULTURE, ICAR-Central

Institute of Fisheries Education, Off Yari Road, Panch Marg, Versova, Mumbai - 400 061. Photocopies of the format can also be used.

The candidate may apply online through the portal: cbp.icar.gov.in



Intake Capacity

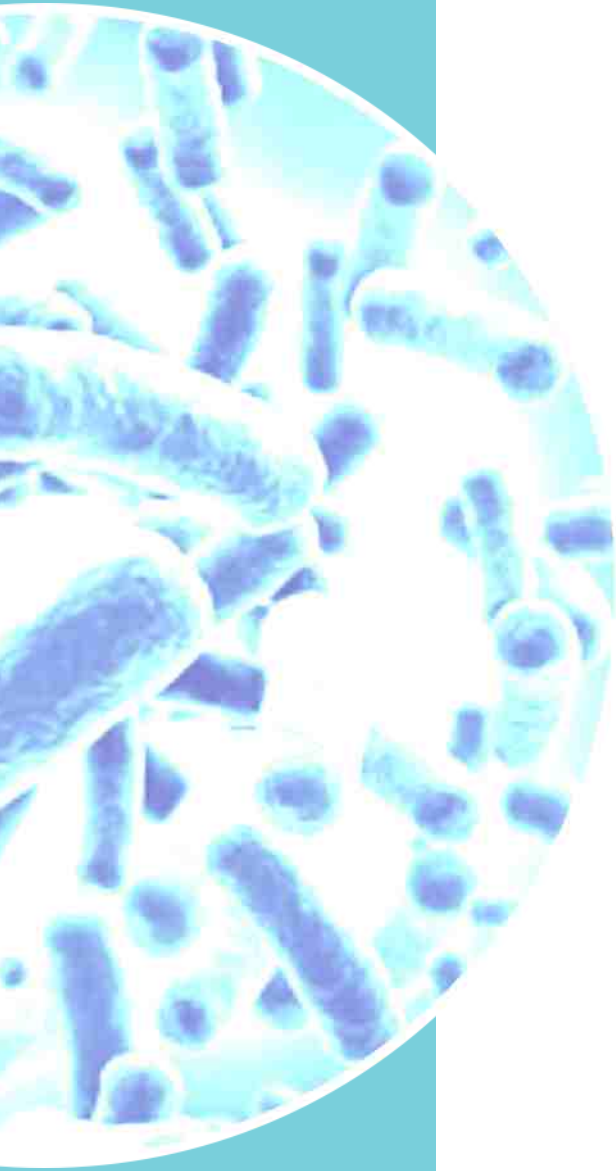
A total of 25 participants only will be selected after screening their CV.

General Information

To and fro II tier AC train fare, by the shortest route, will be reimbursed by the organizers. DA will be paid only during the journey period, provided they produce a certificate from the parent organization that they are not being paid TA and DA. Free boarding and lodging arrangements will be made in CIFE Campus.

The premier alma mater for fisheries in India, CIFE was established in 1961 as an in-service training center mainly to impart proficient training and education to the fisheries professionals where trainees were exposed to various operative learning strategies so as to equip them to face the challenges of the fisheries sector. By year 1979, CIFE came under the administrative control of the Indian Council of Agricultural Research. In recognition of its yeomen services and expertise, CIFE was deservedly conferred the Deemed-to-be-University status by University Grants Commission in 1989. Subsequently, the scope and mandate have been widened to include education as well as research. This fostered a positive atmosphere to different stakeholders and facilitated them to fulfill their career objectives and goals. CIFE has made its mark in a knowledge - driven economy and in the process of enriching the quality of fisheries education, the academic programmes offered by CIFE were accredited by ICAR. CIFE, since then, has been providing a rich curriculum mixed with a wide range of extracurricular activities for the holistic development of fisheries professionals. CIFE continues to be a global player in fisheries academics and research by creating globally competent students and faculty through world class education. The Institute is located about 8 km away from the domestic and international airports and 20 kms from Dadar Railway Terminus. Mumbai, the financial capital of India, is well connected by air, rail and road with all cities of India.

The climate is cold and pleasant during November and trainees are advised to carry warm clothing.



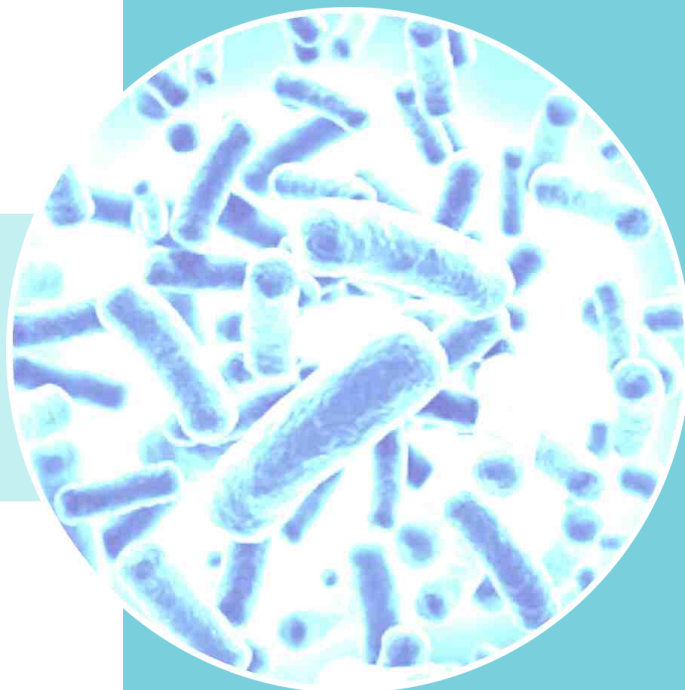
DATES TO REMEMBER

Last date for submission of application

5.10.2022

Communication of acceptance

10.10.2022



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Off Yari Road, Panch Marg, Versova,
Mumbai - 400 061

Application form

Name: _____

Designation: _____

Address: _____

Date of birth: _____

Male/Female: _____

Research experience:

Telephone no: _____

Fax no.: _____

email: _____

Reasons for attending the programme:

Signature of the applicant with date

Comments & Signature of the Forwarding Authority

Programme Director
Dr. C. N. Ravishankar
Director / Vice-Chancellor

Programme Co-Director
Dr. K. V. Rajendran

Course Director
Dr. K. Pani Prasad

Future correspondence

Dr. K. Pani Prasad
Course Director

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