

Course Director

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ICAR- CIFRI, Barrackpore

Convenors

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Dates to remember

Last date of receipt of application:

15 November, 2025

Communication to the participants:

19 November, 2025

Application Form

Technological innovations for enhanced fish production

1. Full Name (in block letters):
2. Designation:
3. Present employer and address:
4. Address for correspondence (Phone, fax, mobile, e-mail):
5. Permanent address:
6. Date of birth:
7. Sex (Male/Female):
8. Professional experience:
9. Demand draft/NEFT/RTGS (Rs.....) No..... datedin favour of "ICAR-UNIT, CIFRI" payable at Barrackpore.
10. Academic record:

Degree	Discipline	University
Bachelor		
Masters		
Doctorate		
Others		

Place:

Date:

Signature of the applicant

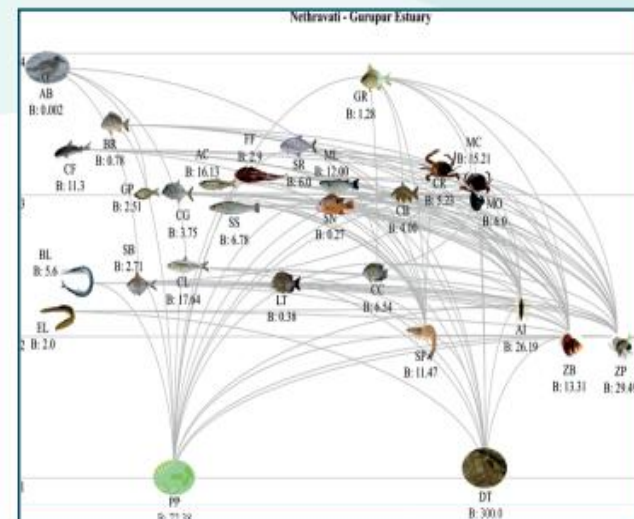
Recommendations of Forwarding Institute:

Signature

Designation of the Sponsoring authority

Training Program On

Technological innovations for enhanced fish production in open waters (Online mode) 24 - 28 November 2025



Organized by

Regional Centre

ICAR-CENTRAL INLAND FISHERIES RESEARCH INSTITUTE

Hessaraghatta, Bangalore - 560 089

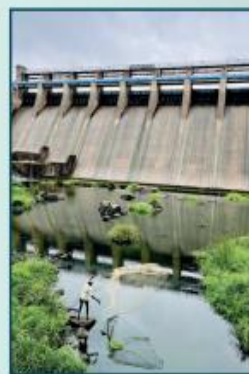
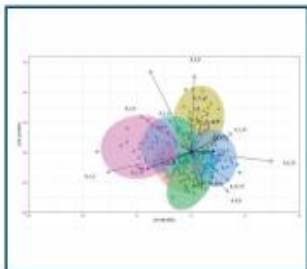
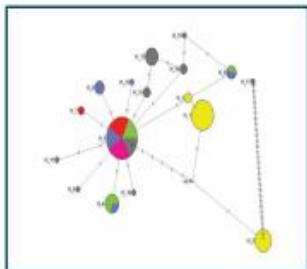
Background

The ICAR-Central Inland Fisheries Research Institute (ICAR-CIFRI) is a pioneering institute in India that has made significant contributions to the inland fisheries sector. ICAR-CIFRI has carried out benchmark investigations on the ecology and fisheries inland in open water bodies across the country. The institute work towards achieving knowledge-based management for sustainable fisheries, biodiversity conservation, and integrity of ecological services.

Theme

Inland fisheries account for 10% of global fish production. In India, inland fisheries are primarily rural artisanal activities that provide affordable source of animal protein, employment, and livelihood.

Sustainable enhancement of fish production requires the integration of innovative technologies with traditional aquaculture practices. This training programme aims to build capacity among fisheries professionals, researchers, entrepreneurs, and farmers on modern tools, technologies, and approaches that ensure higher productivity, better resource use, and improved livelihoods.



Course content

- Open water culture systems- Innovations in cage and pen culture, Integrated multi-trophic aquaculture (IMTA), Culture based fisheries
- Resource management for sustainable fish production and conservation- Climate induced changes and mitigation measures, estimation of carrying capacity, fish production potential, ecosystem modeling
- Digital and smart technologies - Water quality monitoring, GIS and remote sensing for fisheries resource mapping
- Molecular and genomic tools: DNA barcoding and molecular markers for stock identification, Genomic selection for increased fish production
- Advanced breeding and seed production- Broodstock management and induced breeding techniques, genetic improvement
- Nutrition and health management- Functional and nutraceutical feeds, probiotics, immunostimulants, disease diagnostics and ecosystem health assessment tools

Eligibility

The training program is open to Scientists/ University faculty/ State fishery officials/ Students (PG, Ph.D.)/ Research Scholars/Technical Staff.



Special requirements:

Course will be conducted on virtual mode. Proper connectivity of internet is required to attend the training



How to apply

Interested candidates may apply through proper channel along with duly filled registration form. Fee can be paid in the form of Demand Draft/NEFT/RTGS in favour of "ICAR UNIT-CIFRI" payable at State Bank of India, Barrackpore, Kolkata-700120, (Account No. I1278713220 | IFSC code SBIN0000029).

Course Fee

Rs. 500	For Students
Rs. 1000/-	For Other Participants