For further details please write to:

Course Director

Dr. B. K. Das
Director
ICAR-Central Inland Fisheries Research Institute
Barrackpore, Kolkata - 700120
director.cifri@gmail.com

Course Coordinators

Roshith C. M
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8420902509

Sangeetha M. Nair
sangeethamnair41@gmail.com
9137486520

Application Form of the Training Course

Taxonomy, Biodiversity and Habitat Assessment of Inland Fishes

1. Name of the Candidate:
   (in Capital letters)
2. Designation:
3. Age (yrs):
4. Affiliation:
5. Mobile No.:
6. Email:
7. Residence:
8. Educational Qualification:
9. Nature of present job:
10. Transaction ID of registration fee payment:
11. Whether accommodation on payment basis is required at ICAR-CIFRI:

(Recommendation of sponsoring authority with signature and office seal)

Date:
Place: Signature of the Applicant

Taxonomy, Biodiversity and Habitat Assessment of Inland Fishes

08-12 September 2025

Organised by :

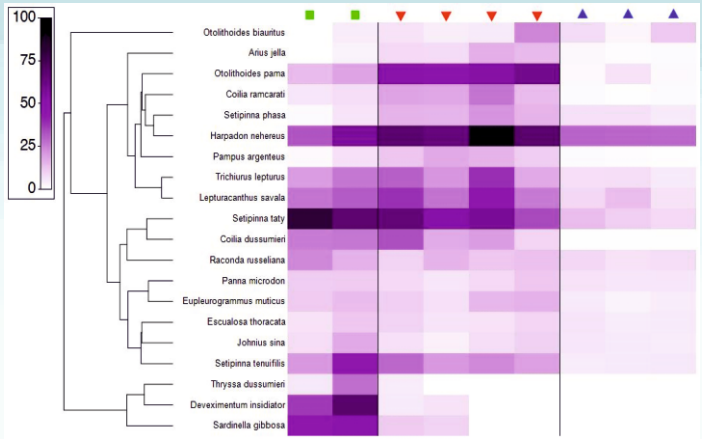
ICAR-Central Inland Fisheries Research Institute
(Indian Council of Agricultural Research)
Barrackpore, Kolkata - 700120

ICAR-CIFRI

The ICAR - Central Inland Fisheries Research Institute (ICAR-CIFRI) is a pioneer institute in India with significant contributions in the field of inland fisheries. ICAR-CIFRI has carried out benchmark studies on the fish and fisheries of major rivers, estuaries, lakes, reservoirs and wetlands spread along the length and breadth of the country. Since its inception, the institute strives for knowledge-based management of inland open waters for sustainable fisheries and conservation of aquatic biodiversity.

Introduction to the theme

Global freshwater fish diversity is a vital indicator of the health of the freshwater ecosystems, with each species playing a unique role in sustaining the environmental equilibrium. Multiple anthropogenic stressors, such as overfishing, construction of dams and barrages, dredging of navigational channels, and pollution, have severely threatened the native fish fauna of Indian inland waters. Biodiversity assessment and habitat characterization are critical components of aquatic ecosystem research and conservation. The inland capture fisheries data has always been impaired by the 'taxonomic impediment' arising out of the shortage in taxonomic expertise, taxonomic collections, field guides and other identification tools as well as the difficulty in



accessing the existing taxonomic literature. Understanding fish diversity, their taxonomic classification, and habitat preferences is essential for effective conservation, sustainable fisheries management, and ecological research.

Course content

Module 1: Taxonomy of fishes and shell fishes

Taxonomy and systematics of freshwater fishes
Field identification of commercially important prawns in inland waters
Molecular tools for fish identification
Fish photography for scientific communications

Module 2: Biodiversity assessment – concepts and tools

Biodiversity indices – concepts and applications
Advanced software for multivariate ecological studies – PRIMERv7, R, PAST
Functional diversity indices for species environment relationships

Module 3: Fish habitat assessment

Physical habitat characterization of rivers
Habitat assessment using fish-based Index of Biotic Integrity (IBI)

Eligibility and selection criteria

The training programme is open to all Students/ Research scholars/ Scientists/ Faculties working in the field of fisheries science or other relevant disciplines. A maximum of 20 participants will be selected based on their experience and area of work.

How to Apply

Interested personnel may apply through proper channel along with dully filled registration form. The fee can be paid in form of Demand draft/NEFT/RTGS in favor of "ICAR Unit CIFRI" payable at Bank Account Number: 11278713220 at State Bank of India, Barrackpore Branch (IFSC code: SBIN0000029), Kolkata-700120, West Bengal.

Correspondence to:

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roshithcmcifri@gmail.com
M : 8420902509

Sangeetha M. Nair
sangeethamnair41@gmail.com
M : 9137486520

Course Fee

Students/ Research Scholars: Rs. 1500
Scientists/Teachers/Academicians: Rs. 2500
No TA/DA will be provided. The participant may avail the boarding / lodging facility of the institute as per the tariff of ICAR-CIFRI.

Important dates

Last date of receipt of application at ICAR-CIFRI: **September 5, 2025**