

Convenor

Dr. B. K. Das
Director
ICAR-Central Inland Fisheries Research Institute

Course Director

Dr. Uttam Kumar Sarkar, Head,
Reservoir & Wetland Fisheries Division

Course Coordinator

Dr. Sajina A. M., Scientist
Dr. Lianthuamluaia, Scientist

Course Co-coordinators

Mr. Roshith C. M., Scientist
Dr. Suman Kumari, Scientist
Mr. Mishal, P., Scientist
Ms. Gunjan Karnatak, Scientist
Ms. Canciyal Johnson, Scientist

Dates to remember

- ✓ Last date for submission of application:
10th October 2019
- ✓ Communication of selection:
15th October 2019
- ✓ Confirmation by candidate:
20th October 2019

Topics to be covered

- Advances in fish reproductive biology
- Benchmarking the influence of climato-hydrological variables on reproductive preferences of freshwater fishes
- Methods of vulnerability assessment of freshwater fish
- Feeding biology of freshwater fishes-concept of trophic guilds and trophic modeling
- Integrated taxonomy and molecular tools for biological characterization
- Growth studies, habitat fingerprinting using otoliths and other hard parts
- Stock concepts and stock identification methods, Landmark based stock identification- Truss network analysis
- Emerging concepts in fish population dynamics and stock assessment studies
- Linking environmental parameters in fish biology research
- Sampling, Handling of fish, Ethical considerations for field research on fishes



TRAINING PROGRAMME ON New Approaches & Changing Perspectives in Fisheries Biology

4-8, November, 2019



Organised by :



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

Background

As knowledge of fish biology rapidly evolves and as fisheries science shifts from an equilibrium perspective to a resilience perspective, a number of long-held assumptions are being challenged and important issues requiring more study are emerging. Fish biology and biotechnology have provided the innovation and technology for rapid development of the fisheries sector across the globe and over the last few decades, significant progress has been made in realms of fish biology and biotechnology.

Among the 85 orders and 536 families of fishes identified so far, interestingly, about two-thirds of all species in the largest families are freshwater fishes. There are recent advances in biology of freshwater fishes and many researchers are working on freshwater fish resources. Freshwater fish are already among the most imperiled animals on the planet and emerging understanding of climate change indicates that it has got marked impacts over reproductive and all other biological processes of fishes.

New approaches and tools in fish biology research will generate insights into biological traits and processes that are important as an individual and as a species of functionality in the changing scenario. The training programme 'New Approaches & Changing Perspectives in Fisheries Biology' is designed to update researchers on the changing approaches and priorities fisheries biology, with particular focus on freshwater species.

Eligibility

Assistant Professors / Scientists / Technical Officers / Graduate and Post-graduate students.

How to apply

A copy of the duly filled application form in the format as given in this brochure may directly be sent by post or email to the listed addresses for correspondence on or before 10th October 2019.

Course Fee

Rs. 5000/- (Rupees Five thousand only) to be paid as course fee at the time of registration. The fee can be paid in form of Demand draft / NEFT / RTGS in favour of "ICAR Unit-CIFRI" payable at State Bank of India, Barrackpore, Kolkata - 700120, (A/c: 11278713220; IFSC code: SBIN0000029).

Travel and Logistics

No TA/DA will be provided. The participant may avail the Boarding/ lodging facility of the institute as per the tariff of ICAR-CIFRI. The approximate tariff for boarding and lodging is @ ₹ 250 per day for students/research scholars and @ ₹ 450 per day for scientist and faculty.

All correspondence may be addressed to:

Dr. B. K. Das, Director
director.cifri@gmail.com,
Tel. No. 033-25920177

Dr. U. K. Sarkar, Head & Course Director
uksarkar1@gmail.com,
Mob. No.: +91 98000347666

Application format for participation in Training Programme on

New Approaches & Changing Perspectives in Fisheries Biology

(4-8, November, 2019)

1. Full name (in Block Letters):
2. Designation:
3. Present employer and address:
4. Address for correspondence:
5. Telephone: : Mob:
6. e-mail
7. Date of Birth:
8. Sex:
9. Professional experience:
10. Academic records

| Degree | Discipline | Year | Grade | University/ Institution |
|----------|------------|------|-------|----------------------------|
| Bachelor | | | | |
| Master | | | | |
| Ph.D. | | | | |
| Others | | | | |

Place:

Date:

Signature of the Applicant

11. Recommendations of Head of Department/ Institute

Signature and Seal of Head of Department/ Institute