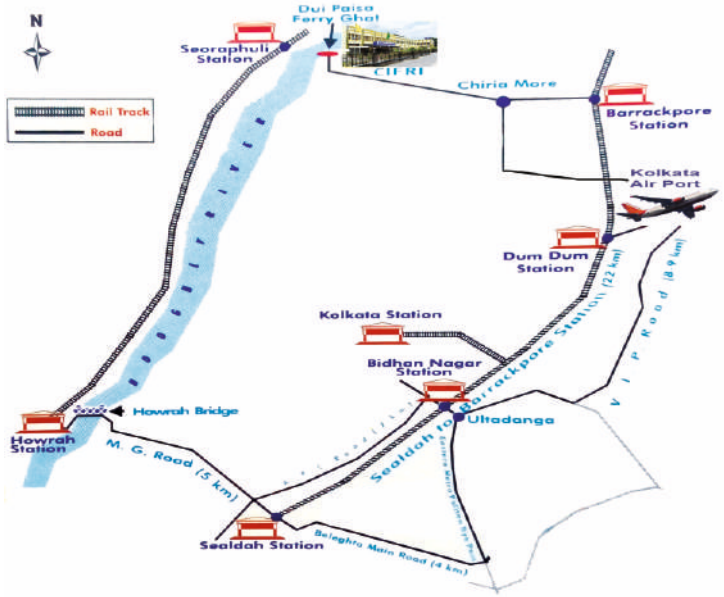
How to reach ICAR-CIFRI

Barrackpore is located in North 24-Parganas District, 24 Km. away from Netaji Subhas Chandra Bose airport and Howrah Rly. Stn., and 22 Km. away from Sealdah/ Kolkata Rly. Stn. ICAR-Central Inland Fisheries Research Institute is located at Monirampur, 5 Km. away from Barrackpore Rly. Stn. on Sealdah Main Rly. section. One can reach also from Howrah Rly. Stn., alighting at Sheoraphuly Rly. Stn. (on Howrah-Burdwan Main Section) and then by crossing the Hooghly River by ferry at Sheoraphuli ghat (*alias* Du paisa ghat) to Manirampur and walking to the campus.

How to Reach



Application Form

Workshop on Fish Proteomics

Name of the applicant :.....

Nationality : .....

Educational qualification : .....

Date of birth : ..... Sex: .....

Designation/ Present position : .....

Organization/Affiliation : .....

Address for correspondence : .....

.....

E. mail address : .....

Cell phone /Whatsapp number : .....

Whether accommodation (on payment basis) required at CIFRI:

..... Yes/ No .....

Transaction ID of registration fee payment : .....

.....

.....	.....
Signature of competent/ forwarding authority	Signature of the applicant with date

Contact

For further query, please contact

Course Director

Dr. Basanta Kumar Das, Director
ICAR-Central Inland Fisheries Research Institute
Barrackpore, Kolkata – 700 120

Course Coordinator

Mr. Praveen Maurya, Scientist
maurye_p@yahoo.com, Cell: 9831943294
Dr. Vikash Kumar, Scientist
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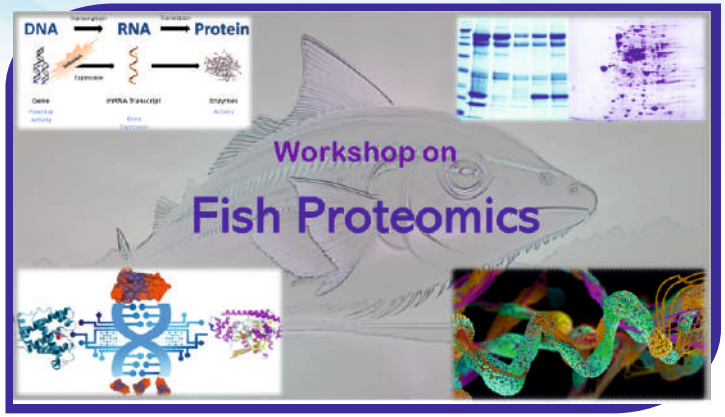
Course Co-coordinators

Dr. Suvra Roy, Scientist
Cell: 7005780975
Dr. Satabdi Ganguly, PS
satabdiganguly19@gmail.com, Cell: 9804118242



Duration

16 - 18 January 2024

Course Director

Dr. Basanta Kumar Das

Course Co-ordinators

Mr. Praveen Maurya
Dr. Vikash Kumar

Course Co-coordinators

Dr. Suvra Roy
Dr. Satabdi Ganguly

Organized by

ICAR-Central Inland Fisheries Research Institute
Barrackpore, Kolkata – 700 120

About the Training Programme

There has been a huge effort in the advancement of analytical techniques for molecular biological data over the past decade. This has led to many novel algorithms that are specialized to deal with data associated with biological phenomena, such as gene expression and protein interactions. In contrast, ecological data analysis has remained focused to some degree on off-the-shelf statistical techniques though this is starting to change with the adoption of state-of-the-art methods, where few assumptions can be made about the data and a more explorative approach is required, for example, through the use of Bayesian networks. In this training program, information on novel bioinformatics tools along with their 'crossover potential' with an application to ecology and fisheries data will be given. In particular, a focus is made on the development of models that identify functionally equivalent species in different fish communities to predict functional collapse. The present **offline training** covering various aspects of fish proteomics advances to understand developmental biology, physiology, disease/stress, and species recognition.

Programs

- **Introduction to proteomics**
- **Proteomics Databases**
- **Protein isolation and estimation**
- **1D gel electrophoresis&image analysis**
- **2D gel electrophoresis&image analysis**
- **Staining methods (Coomassie & silver staining)**
- **Protein modelling (2D and 3D)**

About the Institute

Central Inland Fisheries Research Institute (ICAR-CIFRI), an ISO 9001: 2015 certified and recipient of Sardar Patel Outstanding Research Institute Award 2020, is a premier fisheries research institute in India since 1947. The headquarters of the Institute is located in Barrackpore, Kolkata - 700 120. With more than 75 years of national and international presence in the field of inland open-water fishery, ICAR-CIFRI is extending its expertise and facilities for the direct benefit of the fisher community, private and public organizations, academic institutions, and state departments. Research activities are conducted through five divisions: Riverine & Estuarine Fisheries (REF), Reservoir & Wetland Fisheries (RWF), Fisheries Resource Assessment & Informatics (FRAI), Fisheries Enhancement & Management (FEM), and Aquatic Environmental Biotechnology (AEB).

Venue

ICAR-Central Inland Fisheries Research Institute, Barrackpore, Kolkata - 700 120, West Bengal

Training Period: 16 to 18 January 2024

Dates to Remember

Last date of receipt of application/nomination: **January 09, 2024**

Intimation to selected candidates: **January12, 2024**

Who can Apply?

Faculties, researchers, Fishery officials, post-graduate students, entrepreneursinfisheries/fish farming

Training Fee

The course fee is ₹**2000 (two thousand)** for students and ₹**5000** for others. This includes registration/bench fee but does not cover food, lodging and boarding charges. Accommodation in the Institute Guest House/ Training Facility and food will be provided to desiring candidates as per availability and at Govt. rates. No TA and DA will be paid by the organizer to the participants.

Modes of payment

The training fee may be paid as a Demand draft payable to **'ICAR UNIT CIFRI, BARRACKPORE'** or by Account Transfer to **ICAR UNIT CIFRI, BARRACKPORE, Bank Account Number: 11278713220, at State Bank of India, Barrackpore Branch (IFSC code: SBIN0000029)**. Payment may be done only after confirmation of participation. Demand draft or proof of payment must be brought by hand. Participants may also pay by credit or with debit cards at the Institute; payment by cash is not accepted.

How to Apply

Eligible candidates may apply in the prescribed application form along with brief biodata which may be sent by post to: **Dr Basanta Kumar Das**, Director, ICAR-Central Inland Fisheries Research Institute, Barrackpore, Kolkata-700120, and must reach on or before 09.01.2024. Or the scanned copy of the same may be emailed to: basantakumard@gmail.com with a copy to: kumar.vika.vikash2@gmail.com. Selected candidates will be informed regarding their participation by E-mail.