

The application should be neatly typed on a white paper

Workshop/Hands-on training on  
**Bioinformatics Essentials: Navigating  
Integrative Omics Data**  
August 30 to 03 September 2024

Name of Candidate: \_\_\_\_\_

Qualification: \_\_\_\_\_

Designation: \_\_\_\_\_

Age: \_\_\_\_\_ (Yrs) Gender: Female/Male

Category: SC/ST/OBC/General \_\_\_\_\_

(If from SC/ST/OBC and NEH region, please attach a  
cast certificate for official purposes).

Whether belongs to the NEH region: Yes/No

Aadhar card No: \_\_\_\_\_

Postal Address: \_\_\_\_\_

Email: \_\_\_\_\_

Alternate Email: \_\_\_\_\_

Mobile (Give WhatsApp No): \_\_\_\_\_

Date: \_\_\_\_\_ Place: \_\_\_\_\_

Signature: \_\_\_\_\_

Recommendation of Forwarding Authority

Signature and Seal of the Forwarding Authority

**Dr. Ravishankar, C.N.**  
**Director**

ICAR-Central Institute of Fisheries Education  
(Deemed University)  
Panch Marg, Off Yari Road, Versova,  
Mumbai-400061

**Course Director**  
**Dr. Shrinivas Jahageerdar**

**Principal Resource Person**  
**Prof. (Dr.) B. Prasad**  
K L University, Vijayawada

All correspondence related to the workshop  
may be directed to the address below:

**Dr. Shrinivas Jahageerdar**  
Principal Scientist and Course Director  
Fish Genetic and Biotechnology Division  
ICAR-Central Institute of Fisheries Education  
(Deemed University)  
Panch Marg, Off Yari Road,  
Versova, Mumbai-400061

Email: [jahageerdar@cife.edu.in](mailto:jahageerdar@cife.edu.in)  
Whatsapp: 9969300125

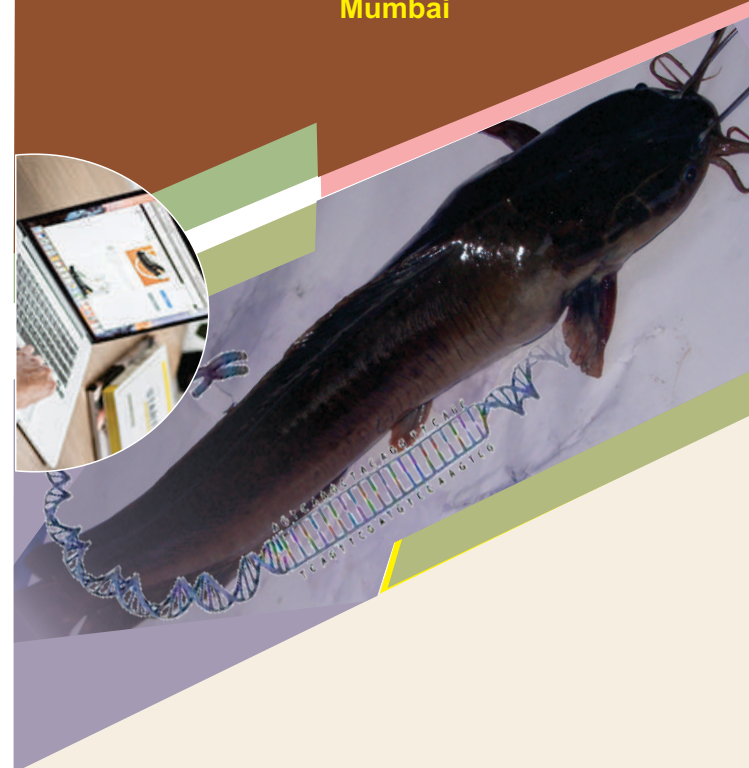


Program under SCSP Scheme  
Workshop/Hands-on Training on

**Bioinformatics Essentials: Navigating  
Integrative Omics Data**

August 30 to 03 September 2024

Venue  
ICAR-Central Institute of Fisheries Education  
Mumbai



ICAR-Central Institute of Fisheries Education  
(Deemed University)  
Panch Marg Versova, Mumbai-400 061, India  
Tel: 022 26361446/7/8  
[www.cife.edu.in](http://www.cife.edu.in)

## Introduction

Bioinformatics is a fast-growing field both at the level of Academia and Industry. Bioinformatics is crucial in advancing and improving various aspects of aquaculture and fisheries. It involves the application of computational and analytical methods to biological data, which can lead to significant advancements in understanding, managing, and enhancing aquatic organisms' health, productivity, and sustainability.

The present bioinformatics workshop aims to train researchers in developing skills in data analysis using various bioinformatics tools and methods and enabling them to choose the right tools for their specific research projects. The workshop includes both lectures and hands-on sessions.

## TOPICS

- Introduction to Bioinformatics and its Applications
- Sequence Analysis: DNA, RNA, and Protein
- Genome Annotation and Structural Analysis
- Phylogenetic Analysis and Evolutionary Studies
- Data Visualisation and Interpretation
- Introduction to Next-Generation Sequencing (NGS) Data
- Practical Hands-On Exercises Using Opensource Tools



## ABOUT US

ICAR- Central Institute of Fisheries Education (CIFE) is the country's premier fisheries education and training Institute. It is the flagship of India's aquaculture and fisheries education, research and technology development. The Institute has served the cause of science and society with distinction through high quality human resources, high-end research in both basic and applied aspects, generation of appropriate technologies and their dissemination.

The Institute organises several training programs for the benefit of researchers, faculty and farmers under various schemes. It is the endeavour of CIFE to make available the advances in science to one and all. Keeping this view in mind, the present training program is organised, with preference to the Government's notified backward section of society and others.

The Institute is about 10 Km from the airport and 20 Km from Dadar Railway station. The climate is pleasant during September and trainees are advised to carry light clothing.

### INTAKE CAPACITY

A total of 25 participants will be selected on a first-come, first basis. Preference will be given to SC, ST and participants from North-East states.

### ELIGIBILITY

Faculty from the science discipline, scientists, research scholars, doctoral and masters scholars from SAU/CAU/ICAR institutes/ other recognised research and education institutes.

Applications must be forwarded by the Head of the Institution. For CIFE doctoral and master scholars, the HoD/ Major advisor can forward the application. All applications should be emailed to the Course Director at [jahageerdar@cife.edu.in](mailto:jahageerdar@cife.edu.in) on or before 28 August 2024. The Selection will be communicated only through email/ WhatsApp.

*All participants should bring their laptops for hands-on practical. CIFE will provide internet connectivity.*

## GENERAL INFORMATION

No TA and DA and accommodation will be provided to the participants. However, outstation trainees from SC/ST and NEH region, dormitory type accommodation will be provided and TA limited to sleeper class train fare or Government bus fare will be reimbursed on production of tickets and successful completion of the training.

### FEE

There is no course fee for the program.

### CERTIFICATE

All participants will receive a participation certificate if their participation is full and satisfactory.



### DATES TO REMEMBER

Last date for submission of the application

28 August 2024

Communication of Selection

28 August 2024

Confirmation by candidate

