



Basic Molecular Biology Techniques

13-17 Jan 2025



Highlights of Program

- ❖ Isolation of DNA/RNA
- ❖ PCR techniques
- ❖ cDNA preparation
- ❖ Transformation and cloning
- ❖ Plasmid isolation
- ❖ Introduction to Sanger Sequencing Technologies
- ❖ Sequence retrieval and analysis
- ❖ Sequence databases and their utility
- ❖ Primer designing

ICAR-CIFE: ICAR-Central Institute of Fisheries Education, Mumbai is India's only national fisheries university. It is a premier institution dedicated to promoting higher fisheries education through generation of high quality human resource, high end research in both basic and applied aspects. Fish Genetics and Biotechnology Division has been working in the area of molecular genetics and genetic engineering since over two decades. The present workshop aims to train researchers in developing skills in molecular biology techniques and enabling them to choose the right tools for their specific research projects.

FEE: There is no course fee for the program.

Last Date of Application: 5 Jan 2025

Confirmation of Participants : 6 Jan 2025

Organized by

**Fish Genetics and Biotechnology Division,
ICAR-Central Institute of Fisheries Education, Mumbai 400 061**

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Course Coordinators
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Dr. Sunil Kumar Nayak, Sr. Scientist
Dr. Kiran D. Rasal, Scientist
Mr. Lenin Angom, Scientist

Contact us at : <https://www.cife.edu.in>

Boarding and lodging: Accommodation and food shall be provided to SC participants. However, outstation trainees from SC category, dormitory type accommodation will be provided and TA limited to sleeper class train fare.

How to apply: mail us: kiranrasal@cife.edu.in