



# Hands-on Training on

## Basic Molecular Biology Techniques



13-17 Oct 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:** Rs. 3000+18% GST.

**Last Date of Application: 5 Oct 2025**

**Confirmation of Participants : 6 Oct 2025**

Organized by

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

**Programme Director**

**Dr. N.P. Sahu,**  
Director & VC, ICAR-CIFE,  
Mumbai

**Course Director**

**Dr. M. Goswami, HoD,  
FGB**

**Course Coordinators**

**Dr. A. Sonwane, Principal Scientist  
Dr. Kiran D. Rasal, Sr. Scientist**

**Boarding and lodging:** Accommodation and food shall be provided to participants on chargeable basis.

The applicant has to apply online through CASH Portal (<https://www.cife.edu.in/CASH-Training-Portal/public/index.php/trainees-login>) on or before 5<sup>th</sup> Oct 2025. The detailed process of online application is attached.

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

## HOW TO APPLY

The applicant has to apply online through CASH Portal (<https://www.cife.edu.in/CASH-Training-Portal/public/index.php/trainees-login>) on or before **5<sup>th</sup> Oct 2025**. The detailed process of online application is mentioned as below.

### Step-by-Step Guide: How to Apply for Training on ICAR-CIFE CASH Portal



#### Step 1: Open the Registration Page



Go to the official portal:



<https://www.cife.edu.in/CASH-Training-Portal/public/index.php/trainees-login>



#### Step 2: Register Yourself

- Click on “**Register Yourself**” below the login form.
- Fill in the required details:
  - Full Name in **English and Hindi** (  *Ensure spelling is correct—same will appear on your certificate*)
  - Email ID and Mobile Number
  - Date of Birth, Gender, Qualification, Caste, Trainee category, etc.
  - Create your **own password**
-  Click **Submit** to complete your registration.



#### Step 3: Login to Portal

- Use your **registered Email ID** and **created Password** to log in.
- If you forget your password, click “**Forgot Password**” – the new password will be sent to your registered email.



#### Step 4: Apply for a Program

- After login, click on “**Apply for Program**”
- Browse the list of available training.

- Select your **desired training program**.



#### **Step 5: Pay the Training Fee**

- Make an **online payment as per your category of participation** to the below account:

A/C Name: ICAR Unit CIFE, Mumbai

A/C No.: 10132355212

Bank: State Bank of India

Branch: Versova

IFSC Code: SBIN0003117

- Save the **payment receipt** (screenshot or PDF).



#### **Step 6: Upload Receipt & Complete Application**

- Attach the **payment receipt** in the form.
  - Fill in all remaining required fields.
  - Review your application details.
  - Finally, **submit** the application.
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*Note: If case of any kind of query related online application, you may contact at [shivaji@cife.edu.in](mailto:shivaji@cife.edu.in) (Dr. Shivaji- 7894252006)*