

HANDS-ON TRAINING

REAL-TIME PCR AND APPLICATIONS

Highlights of program

1. RNA isolation, cDNA synthesis
2. Real-Time PCR primer designing
3. Optimization of PCR conditions
4. Houskeeping gene selection and cDNA quality estimation
5. Real-time PCR and melt curve analysis
6. Real-time data analysis and interpretation

DATE

17-19 Feb 2026

PROGRAM DIRECTOR

Dr. N. P. Sahu

COURSE DIRECTOR

DR. M. GOSWAMI, HOD, FGB

COURSE COORDINATORS

Dr. Manoj Brahmane, Pr. Scientist

Dr. Kiran D. Rasal, Sr. Scientist

ORGANIZED BY

**FISH GENETICS AND BIOTECHNOLOGY DIVISION
& AGRI BUSINESS INCUBATION (ABI) Center**

**ICAR-CENTRAL INSTITUTE OF FISHERIES
EDUCATION, MUMBAI 400 061**



**Training fee : Students: Rs. 2000/- and
(Including GST) Faculty: Rs. 3000/-**

**Boarding and lodging: Accommodation and
food shall be provided to participants upon
request and are chargeable.**

You can send a mail : kiranrasal@cife.edu.in

Type your text

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 **10th Feb 2026**. 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 (Dr. Shivaji- 7894252006)