

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



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.

Note: If case of any kind of query related online application, you may contact at shivaji@cife.edu.in (Dr. Shivaji- 7894252006)