



SKILL DEVELOPMENT PROGRAMME

ON

ADVANCES IN AQUACULTURE PRACTICES

6-12 May, 2026



Organized by

ICAR-CIFE, Kolkata Centre

BACKGROUND

The '*Fisheries and Aquaculture sector*' is recognized as the sunshine sector in Indian agriculture. It facilitates growth of number of subsidiary industries and is the source of livelihood for a large section of economically backward population, especially fishers of the country. It helps in increasing food supply, generating adequate employment opportunities and raising nutritional level. It has a huge export potential with a big source of foreign exchange earnings for the country. In this backdrop, the ICAR-CIFE, Kolkata Centre plans to organize a training programme on "Advances in Aquaculture Practices" for the benefit of various stakeholders who are involved in this sector and interested for the entrepreneurship in fish breeding and culture.

OBJECTIVE

To develop human resource on freshwater aquaculture through hands-on experiential training.

COURSE CONTENTS

Theory

- Induced breeding of carps
- Nursery and rearing pond management for raising carp seeds
- Composite fish culture and its economics
- Food and feeding strategies for food fish culture
- Management of water and soil quality for sustainable aquaculture
- Importance of live food in aquaculture
- Advanced aquaculture systems
- Common fish diseases and their control measures
- Concepts of integrated fish farming systems
- Breeding, larval rearing and culture of magur
- Culture of pangas and freshwater prawn
- Ornamental fish breeding and culture

Practical

- Demonstration of induced breeding of carp and magur
- Demonstration on formulation and preparation of artificial feed for aquaculture
- Demonstration of live food culture techniques
- Demonstration of analytical techniques for management of water parameters
- Demonstration of prophylactic and curative control measures for fish diseases

Field Visit & Demonstration

- Visit to ornamental fish farm and market at Galiff Street
- Field demonstration at fish farm and eco-hatchery operation, nursery and rearing pond management methods etc.

ABOUT ICAR-CIFE, KOLKATA CENTRE

ICAR-CIFE, Kolkata Centre has historical importance in imparting fisheries education in India. It was established in 1947 as 'Inland Fisheries Training Centre' (IFTC) under Central Inland Fisheries Research Institute (CIFRI), Barrackpore in West Bengal. This Centre was solely responsible for providing trained manpower to fisheries sector in the country as during that time there was no fisheries college or university. It was taken over by CIFE, Mumbai in October, 1967. The Centre was shifted to its own new building complex, established at 32-GN Block, Sector -V, Salt Lake City, Kolkata in June, 1997-98 and started functioning under the name of "CIFE, KOLKATA CENTRE".

HOW TO REACH

ICAR-CIFE, Kolkata Centre is located in the Sector-V of Salt Lake City, Kolkata. The Centre is well connected with Road, Rail and Air. The distance between the Centre and railway stations of Howrah and Sealdah are 18 Km and 10 Km, respectively.

Frequent bus and taxi services are available throughout the day from any parts of the city. The Nicco Park, Benfish, Meen Bhawan and National Council of Science Museum are located at the vicinity of the Centre. The nearest bus stop is Swasthya Bhawan/ Meen Bhawan.

WHO CAN PARTICIPATE?

Students of Higher Secondary/ Graduation/ PG from colleges/ universities aspiring to learn aquaculture are eligible.

APPLICATION DEADLINE

The online applications must be submitted through CASH Portal on or before 25th April, 2026.

COURSE FEE

Rs. 2360/- (including GST) as course fee should be paid to the account of “ICAR (CIFE) SUB UNIT KOLKATA” payable at State Bank of India, Salt Lake Electronic Complex (Kolkata) Branch, Current Account No. 10224931725, IFSC SBIN0009985. Payment should be made during online application.

BOARDING AND LODGING

Boarding and lodging will be arranged in the hostel of ICAR-CIFE, Kolkata Centre. The boarding and lodging charges will be Rs.300/- (Rupees three hundred only) per person per day which needs to be borne by the participants. It is not included in training fee.

Medium of Instruction: English and Hindi

HOW TO APPLY

Step 1: Register Yourself

- Open the Registration to click on CASH portal- <https://www.cife.edu.in/CASH-Training-Portal/public/index.php/trainees-login>
- Click on “**Register Yourself**” on trainee login form.
- Fill in the required details/select from the drop down: *Title, full name in English, name in Hindi with title (Ensure the correct names in English & Hindi as the same will appear on your certificate), Mobile Number, Email, Gender, Caste, Trainee category, Password, etc.*
- Click on “**Register**” to complete your registration.

Step 2: Trainee Login to Portal

- Use your registered *Email ID* and *Created Password* to log in- <https://www.cife.edu.in/CASH-Training-Portal/public/index.php/trainees-login>
- If you forget your password, click “**Forgot Password**” - New password will be sent to your registered email. You may change your password and update your profile photo in “**Setting**” Option.

Step 3: Apply for a Program

- Click on “**Apply On Program**”
- Select your desired training program from drop down list
- Pay the Training Fee (Only for paid Program) online through - CIFE Payment Gate/ ICAR-CIFE Accounts. Before you pay training fee, kindly check with training coordinator about the training program status.
- Save the transaction receipt in pdf format and upload.
- Fill in all remaining required fields and review your application.
- Click on “**Apply**” to submit your application.

Note: If case of any query related online application, you may write at shivaji@cife.edu.in / training@cife.edu.in



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