



SKILL DEVELOPMENT TRAINING PROGRAMME ON

Farm made feed formulation and on- farm feeding management

28 October to 3 November, 2025



Organized by
ICAR-Central Institute of Fisheries Education
Kolkata Centre
32 GN Block, Sec-V
Salt Lake City, Kolkata -700091

BACKGROUND

In aquaculture operation, feed cost alone constitutes 50-60% of total expenditure. The availability and production of formulated commercial aquafeed for finfish farming is inadequate in India. Majority of culture of Indian major carps like catla, rohu, mrigal and other minor carps or exotic carps is based on farm made feed produced by farmers or small scale entrepreneurs. To minimize the cost of culture farmers get option for continuing the culture with farm made feed prepared from locally available feed ingredients.

Precise feed management for feeding cultured fish/shrimp is also very important to reduce the wastage of feed and maintaining proper soil and water quality of ponds and commercial success of aquaculture operation.

In this backdrop, ICAR-CIFE Kolkata Centre plans to organize a training programme on “Farm Made Aquafeed Formulation and On-Farm Feeding Management” for the benefit of various stakeholders who are involved in aquaculture sector and interested for the entrepreneurship in aquafeed manufacturing.

OBJECTIVES

- To impart knowledge on fish/shrimp nutrition and feed formulation
- To give appraisal about locally available aquafeed ingredients
- To impart knowledge on feed manufacturing machineries and farm-made aquafeed preparation techniques
- Skill development about on-farm feed management strategies

COURSE CONTENTS

THEORY

- Present status and need of feed-based aquaculture in India
- Potential locally available feed ingredients for aquafeed preparation
- Quality evaluation of aquafeed ingredients

- Feeding biology and nutrient requirement of finfish and shell fish
- Formulation and preparation of farm-made feed
- Commercial feed mill operation
- Storage of aquafeed and ingredients
- On-farm feeding management strategies in aquaculture
- Soil and water quality management in aquaculture system
- Nutraceuticals and its application in aquafeed
- Marketing of fish feed and ingredients

PRACTICAL

- Proximate analysis of feed and ingredients
- Demonstration on formulation and preparation of aquafeed
- Analysis of water quality parameters
- Assessment of water stability of pellets

VISIT

- Feed mill
- Progressive fish farms
- KVKs

ABOUT ICAR-CIFE KOLKATA CENTRE

The ICAR-CIFE, Kolkata Centre has historical relevance in generating skilled human resources in the field of fisheries education in India. It was established in 1947 as Inland Fisheries Training Centre (IFTC) in Barrackpore, West Bengal and this was the only Centre which had provided training facilities for state fisheries departments. During 1997-98, the Centre was shifted to its present premises in Salt Lake City, Kolkata. The Centre was conducting one year post-graduate certificate course on “Inland Fisheries management and Administration” which was upgraded to one year semester

pattern “Post-Graduate Diploma in Inland Fisheries and Aquaculture Management (PGDIF & AM). The Centre is equipped with basic scientific instruments and wet lab facility, nutrition laboratory and pilot scale feed mill. The Centre has adequate facilities for boarding and lodging in the hostel for both male and female trainees.

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. Netaji Subhash Chandra Bose International Airport at Dum Dum is only 16 km away.

The distance between the Centre and railway stations of Howrah and Sealdah are 18 and 10 km, respectively. Frequent bus and taxi services are available throughout the day from any parts of the city. The Niccopark, Benfish, Meen Bhawan and National Council of Science Museum are located nearer to the Centre. The nearest bus stoppage is Swasthya Bhawan.

ELIGIBILITY FOR TRAINING

Students of Higher Secondary/ graduation/ PG from colleges/ universities aspiring to learn aquaculture are eligible. The completed applications may be sent to the HoRC via e-mail at kolkata@cife.edu.in before 25th October, 2025.

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 on or before 25 October, 2025 for confirmation of participation.

BOARDING AND LODGING

Boarding and lodging for the participants 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 are to be borne by the participants.

Medium of Instruction: English and Hindi

Application Form

Skill Development Training Programme Farm made feed formulation and on-farm feeding management

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1. Name & address of the sponsoring organization:

(in case of sponsored candidate)

2. Name & address of the nominee/ candidate (in block letters).

a. Name:

b. Occupation:

c. Postal address:

d. Phone/ Mobile:

e. E-mail:

3. Date of birth:

4. Gender:

5. Educational qualification:

6. Experience:

7. Particulars of Course fee remitted.

a. Amount:

b. Transaction reference with date:

8. Nominating authority (for sponsored candidate):

(Signature of the applicant with date)

Name & Signature of the nominating authority/ any other person authorized on his/her behalf (In case of nominated/ sponsored candidate)



Programme Leader

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