

**APPLICATION FORMAT**  
**SKILL DEVELOPMENT PROGRAMME**  
**ON**  
**FRESHWATER PEARL CULTURE**  
**25 – 27 September, 2019**

1. Name and address of the nominee/candidate
  - a) Name: \_\_\_\_\_
  - b) Occupation: \_\_\_\_\_
  - c) Postal address: \_\_\_\_\_
  - d) Phone/Mobile: \_\_\_\_\_
  - e) Email: \_\_\_\_\_
2. Date of birth: \_\_\_\_\_
3. Educational qualifications: \_\_\_\_\_
4. Experience: \_\_\_\_\_
5. Particulars of Course fee remitted
  - a. No. and date of draft: \_\_\_\_\_
  - b. Name of the Bank on which draft is drawn: \_\_\_\_\_
  - c. Amount: \_\_\_\_\_
6. Nominating authority (for sponsored candidate): \_\_\_\_\_
7. Signature of the nominee/candidate  
\_\_\_\_\_
8. Name and Signature of the nominating authority/ any other person authorized on his/her behalf  
(In case of nominated/sponsored candidate)  
\_\_\_\_\_

**Programme Director**  
Dr. Gopal Krishna  
Director/Vice Chancellor

**Course Director**  
Dr. N.K.Chadha  
HOD, Division of Aquaculture

**Course Coordinator**  
Dr. Kiran Dube Rawat  
Principal Scientist  
and  
Upasana Sahoo  
Scientist

All future correspondence may kindly be directed to

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Course Coordinator  
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**SKILL DEVELOPMENT PROGRAMME**  
**ON**  
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**25 – 27 September, 2019**



**भा. कृ. अ.प.- केंद्रीय मात्स्यिकी शिक्षा संस्थान**  
**वर्सोवा, अँधेरी (प.), मुम्बई**  
**ICAR- CENTRAL INSTITUTE OF**  
**FISHERIES EDUCATION**  
**Versova, Andheri (W), Mumbai**

## **Eligibility**

No special qualification or prior knowledge is required to attend the skill development program. Anyone who can read and write English and Hindi and has an interest to learn is eligible to attend. All applications duly forwarded by the Head of the Institution (not required in case of private candidates) should be sent to the Course Coordinator at the address provided. Photocopies of the format can also be used.

## **Intake Capacity**

A total of 20 participants will be selected after screening.

## **Fees /Accommodation/Food Charges**

Rs. 2000/person needs to be paid as course fees. The payment can be made at the venue on first day of program, either in cash or DD made in favor of ICAR Unit – CIFE. Accommodation and food charges will be extra and are to be borne by participants as per expenditure incurred.

## **ICAR-Central Institute of Fisheries Education**

The premier alma mater for fisheries in India, ICAR- CIFE was established in 1961 as an in-service training Centre, mainly to impart proficient training and education to the fisheries professionals; where trainees were exposed to various operative learning strategies so as to equip them to face the challenges of the fisheries sector. By the year 1979, CIFE came under the administrative control of the Indian Council of Agricultural Research. In recognition of its yeoman services and expertise, CIFE was deservingly conferred the Deemed-to-be-University status by University Grants Commission in 1989.



## **Introduction**

The pearl is the oldest known gem, and for centuries it was considered the most valuable. To the ancient civilizations pearls were a symbol of the moon and had magical powers which could bring prosperity and long life. Pearl formation is an abnormal response. The pearl is formed by the same process as the shell of the pearl oyster due to secretion of the mantle tissue. The outer epithelial layer of mantle is responsible for the secretion of the nacreous layers of which the pearl is composed of the outer epithelium has the capacity to rearrange and regenerate itself and remain viable when disturbed within or removed from its original position and transplanted in other tissues of the animal. On the other hand, the inner epithelium and the connective tissue would disintegrate when transplanted.

## **Topics**

Training programme will cover the aspects like fresh water pearl culture, biology of the mussel and surgical implantation of the mussel. Simultaneously the rearing of implanted mussel into the pond will also be covered.