

**Training Programme on  
Immunological and Molecular Diagnostics  
for Rapid Disease Diagnosis**

7 - 27 February, 2020

ICAR-Central Institute of Fisheries Education  
Panch Marg, Off Yari Road, Mumbai - 400 061

**Application form**

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Date of birth: \_\_\_\_\_

Male/Female: \_\_\_\_\_

Research experience: \_\_\_\_\_

Telephone no: \_\_\_\_\_

Fax no.: \_\_\_\_\_

email: \_\_\_\_\_

Reasons for attending the programme:  
\_\_\_\_\_  
\_\_\_\_\_

Signature of the applicant with date  
\_\_\_\_\_

Comments & Signature of the Forwarding  
Authority

Programme Director

**Dr. Gopal Krishna**

Director / Vice - Chancellor

Programme Co-Director

**Dr. K. V. Rajendran**

Course Director

**Dr. K. Pani Prasad**

Coordinators

**Dr. Jeena K**

**Dr. Saurav Kumar**

**DATES TO REMEMBER**

Last date for submission of application

**15.12.2019**

Communication of acceptance

**20.12.2019**

All future correspondences may kindly be  
directed to the address below:

**Dr. K. Pani Prasad**

Course Director

**Immunological and Molecular Diagnostics for  
Rapid Disease Diagnosis**

**ICAR-Central Institute of Fisheries Education  
Panch Marg, Off Yari Road, Mumbai - 400 061**

Fax. 022-26361573

E-mail: [kpaniprasad@cife.edu.in](mailto:kpaniprasad@cife.edu.in)

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**ICAR-Central Institute of Fisheries Education**  
(Deemed University)  
Mumbai  
[www.cife.edu.in](http://www.cife.edu.in)

# Training Programme Immunological and Molecular Diagnostics for Rapid Disease Diagnosis

ICAR-CIFE, Mumbai

7 - 27 February, 2020

The demand for rapid and sensitive diagnostics never de-escalates in the field of aquaculture. Aquaculture has developed significantly earning considerable amount of foreign exchange, giving employment to the rural people and utilizing wastelands. Even though not much emphasis was laid towards disease management in aquaculture. Several attempts are being made to understand disease manifestations and control measures adopted therein. Further, many questions remain unanswered and the pathogens are posing challenges to the farmers and researchers. Especially, in the event of some exotic and emerging diseases, it has become pertinent to focus on developing more and more rapid sensitive diagnostics using molecular and immunological techniques.

There is a greater need of trained manpower in fish health management who can understand the advances in the molecular and immunological techniques of fish disease diagnosis and management. The trained personnel in this field may in turn be able to impart training to the undergraduate/postgraduate students who are future managers of the fisheries sector.

In view of this, the Training Programme on **Immunological and Molecular Diagnostics for Rapid Disease Diagnosis** is being organized at the ICAR-Central Institute of Fisheries Education, Versova, Mumbai - 400 061, during **7-27, February 2020**.

## Topics

- Over view of diseases in aquaculture
- Basic procedures and interpretation of Haemato-serological diagnostics
- Immunodiagnosics
- Molecular disgnostics with special reference to PCR and Realtime PCR

- Production of antibodies
- Bioinformatic tools related to molecular diagnostics
- Intellectual Property Rights

## Eligibility

Assistant Professors and above/Scientists/ Extension Personnel/ Researchers who are employed in SAUs/CAU/ICAR Institutes/ Agriculture faculty of BHU/AMU/Viswa Bharti are eligible for the training programme. The applications must be forwarded by the Head of the Institution. All the applications duly forwarded may be sent to the Course Director, **Immunological and Molecular Diagnostics for Rapid Disease Diagnosis**, ICAR-Central Institute of Fisheries Education, Panch Marg, Off Yari Road, Versova, Mumbai - 400 061 on or before 15.12.2019.

## Intake Capacity

A total of 25 participants only will be selected after screening.

## General Information

To and fro II tier AC train fare, by the shortest route, will be reimbursed by the organizers. DA will be paid only during the journey period, provided they produce a certificate from the parent organization that they are not being paid TA and DA. Free boarding and lodging arrangements will be made in ICAR-CIFE Campus.

## Fee:

**There is no training fee for the programme**

## ICAR-Central Institute of Fisheries Education

The premier *alma mater* for fisheries in India, 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 year 1979, CIFE came under the administrative control of the Indian Council of Agricultural Research. In recognition of its yeomen services and expertise, CIFE was deservingly conferred the Deemed-to-be-University status by University Grants Commission in 1989. Subsequently, the scope and mandate have been widened to include education as well as research. This fostered a positive atmosphere to different stakeholders and facilitated them to fulfill their career objectives and goals. CIFE has made its mark in a knowledge - driven economy and in the process of enriching the quality of fisheries education, the academic programmes offered by CIFE were accredited by ICAR. CIFE, since then, has been providing a rich curriculum mixed with a wide range of extracurricular activities for the holistic development of fisheries professionals. CIFE continues to be a global player in fisheries academics and research by creating globally competent students and faculty through world class education. The Institute is located about 8 km away from the domestic and international airports and 20 kms from Dadar Railway Terminus.

Mumbai, the financial capital of India, is well connected by air, rail and road with all cities of India.

The climate is extremely pleasant during February and trainees are advised to carry light warm clothing

