

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

Programme Co-Director  
Dr. K. V. Rajendran

**Course Coordinator**  
**Dr. K. Pani Prasad**

**DATES TO REMEMBER**

Last date for submission of application  
30 Jan 2018  
Communication of acceptance  
2 Feb 2018

All future correspondence may be directed to the address below:

**Dr. K. Pani Prasad**  
**Coordinator, CAFT**

**ICAR - Central Institute of Fisheries Education**

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**Centre of Advanced Faculty Training in  
Fisheries Science**

**TRAINING PROGRAMME**  
**MOLECULAR TECHNIQUES IN**  
**SHRIMP HEALTH MANAGEMENT**  
**24 Feb to 5 March 2018**



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

Molecular techniques are potentially faster and more sensitive than culture, serology, and histology methods that are traditionally used to identify shrimp pathogens. During the last 15 years or so, molecular techniques have been increasingly employed to diagnose fish diseases. Pathogens can be detected from asymptomatic fish by molecular diagnostic techniques so disease outbreak could be prevented. The training offers hands on training molecular techniques for detection of shrimp pathogens and the potential for their application are compared with the traditional methods. The trained personnel in this field may in turn are able to impart training to the undergraduate/postgraduate students who are the future managers of fishery sector.

In view of this, the Training Programme on MOLECULAR TECHNIQUES IN SHRIMP HEALTH MANAGEMENT is being organized at the Central Institute of Fisheries Education, Versova, Mumbai - 400 061, during 24 Feb to 5 March, 2018.

### **CENTRAL INSTITUTE OF FISHERIES EDUCATION**

The premier *alma mater* for fisheries in India, CIFE was established in 1961 and by the 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 the University Grants Commission in 1989. Subsequently, the scope and mandate have been widened to include education as well as research. CIFE has made its mark in the 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. 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 major cities of India. The climate is extremely pleasant during

February - March and trainees are advised to carry light warm clothing.

### **Topics**

- Infectious and non-infectious Diseases,
- Prevention and Treatment of diseases in shrimp
- PCR
- RT PCR
- Microarray
- Bioinformatics
- Novel Therapeutics
- 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 should be sent to the Coordinator, **MOLECULAR TECHNIQUES IN SHRIMP HEALTH MANAGEMENT**, Central Institute of Fisheries Education, Panch Marg, Off Yari Road, Versova, Mumbai - 400 061 on or before 30 Jan 2018.

### **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 CIFE Campus.

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

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**Application**

Name:

Designation:

Research experience:

Address :

Telephone no:

Fax no.:

E. mail:

Justification for attending the programme:

Signature of the Candidate:

Comments & Signature of the Forwarding  
Authority: