

Course Director

Dr. Aparna Chaudhari

Head & Principal Scientist
Fish Genetics and Biotechnology Division
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Course Co-ordinators

Dr. Annam Pavan Kumar

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Mr. Kiran Rasal

Scientist, FGB Division
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Dates to remember

Last date for submission of application:

6th March 2021

Communication of selection:

7th March 2021

Confirmation by candidate:

14th March 2021

All correspondence should be addressed to

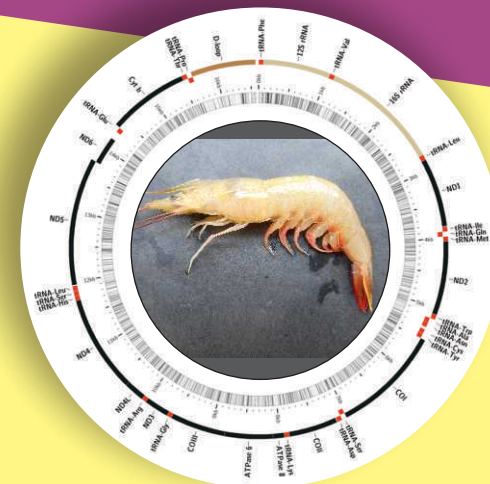
Dr. Aparna Chaudhari

Course Director, HoD, FGB Division
ICAR-Central Institute of Fisheries Education
(University under Sec.3 of UGC act 1956)
Indian Council of Agricultural Research
Panch Marg, Off Yari Road, Versova,
Andheri(W), Mumbai - 400 061
email: aparnac@cife.edu.in

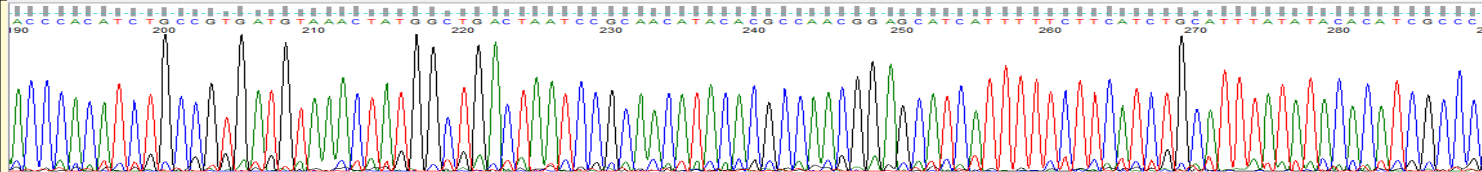
Short Term Training Programme

Molecular Taxonomy

22-28 March 2021



ICAR-CIFE
Mumbai-India



About ICAR-CIFE

Introduction

The science of taxonomy has gained immensely from the application of molecular markers that have been developed over last three decades. DNA barcoding in particular has become a widely used technique for species identification of aquatic animals which exhibit high phenotypic plasticity. DNA markers can also resolve taxonomic ambiguity, uncover cryptic species and reveal evolutionary history among species.

With different agro-climatic zones, India is considered as one of the mega biodiverse countries of the world. However, less than half of the biodiversity has been characterized at molecular level. Further, the next generation sequencing technologies facilitate identification of species from environmental samples. The training programme 'Molecular Taxonomy ' is designed to update researchers on DNA sequence based species delimitation techniques.

Topics to be covered

- Concepts of molecular evolution and clock
- Molecular markers and applications
- DNA barcoding and methods for species delimitations
- Molecular phylogenetics
- Mitogenomics
- Meta barcoding

Intake capacity

A total of 25 participants will be selected based on their research relevance to the training programme.

Eligibility

Assistant Professors/Scientists/Technical Officers /Graduate and Post-graduate students

How to apply

Applications in the provided format may be sent to Dr. Aparna Chaudhari, Course Director by email. on or **before 6th March 2021.**

Course Fee

Course Fee @ Rs.5000/- per participant is to be paid at the time of registration by Debit/Credit card, cash or NEFT.

Account Name : ICAR Unit CIFE, Mumbai
Name of the Bank : State Bank of India
Account Number : 10132355212
IFSC Code : SBIN0003117

Travel and Logistics

On campus accommodation is not available. Outstation participants shall bear their own travel and stay expenses. .

ICAR-Central Institute of Fisheries Education (Deemed University) is India's only national fisheries university. It is a premier institution dedicated to promoting higher fisheries education through generation of high quality human resource, high end research in both basic and applied aspects, generation of appropriate technologies and their dissemination. CIFE alumni constitute the country's present leadership in this sector. CIFE has global linkages and a significant role in fisheries education of African and SE Asian countries.

The institute is located about 10 km from the airport and 20 km from Dadar Railway Terminus. Mumbai is well connected by rail and road with all major cities of India. The climate is pleasant during February and trainees are advised to carry light warm clothing.

Fish Genetics and Biotechnology Division

The division has been working in the area of molecular genetics since last two decades. In recent years, we have developed species specific DNA barcodes and delimited monogenean parasites, crustaceans, molluscs, elasmobranchs and teleosts with confirmatory nuclear markers. The division has also unravelled mitochondrial genome of mahseer fishes for species delineation, developed microsatellites and mined SNPs for a number of species.

Training Programme on

“Molecular Taxonomy”

(22-28th March 2021)

Application Form

1. Name :
2. Occupation :
3. Affiliation :
4. Address :
5. Mobile No & email :
6. Educational Qualification :
7. Gender :
8. Experience in the field (if any) :
9. Reason for attending :

Forwarded by the HoD (in-service
candidate only)

(Signature)

Please send the filled application form to the email ID: aparnac@cife.edu.in