

## ICAR-Sponsored Winter School

“Recent Advances in Aquaculture  
Biotechnology”

(01-21 November 2017)

### Application form

1. Full name (in block letters) : .....
2. Designation : .....
3. Present Employer & Address : .....
4. Address for correspondence : .....  
Phone/ Mob No : .....  
E-mail : .....
5. Permanent address : .....
6. Date of Birth : .....
7. Sex : Male / Female .....
8. Marital status : Married / unmarried
9. Teaching/ Research/ Professional Experience during last 5 years and No. of publications : .....
10. Mention, if you have participated in any Summer / Winter School/ Short Course etc. during the previous years.
11. Academic Record : Exam passed/subjects/year/ class/ Rank/etc.
12. Postal Order / Demand Draft No. .... Dated ..... of Rs. 50/- for registration of application

### Declaration

Certified that the information furnished is true to the best of my knowledge and belief.

Date : \_\_\_\_\_ Signature of the Applicant

13. Recommendations of forwarding Institute :  
.....  
.....

Signature & designation of Sponsoring Authority

### Course Director

**Dr. Pramod Kumar Pandey**, Dean  
E-mail: pkpandey\_in@yahoo.co.uk  
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### Course Coordinators

**Dr. Sagar C. Mandal**  
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**Dr. Janmejy Parhi**  
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### Course Co-coordinators

**Dr. Himanshu Priyadarshi**  
Assistant Professor  
**Dr. Anindya S. Barman**  
Assistant Professor

*For details please contact :*

**Dr. Pramod Kumar Pandey**, Dean

**COLLEGE OF FISHERIES  
CENTRAL AGRICULTURAL UNIVERSITY (I)**

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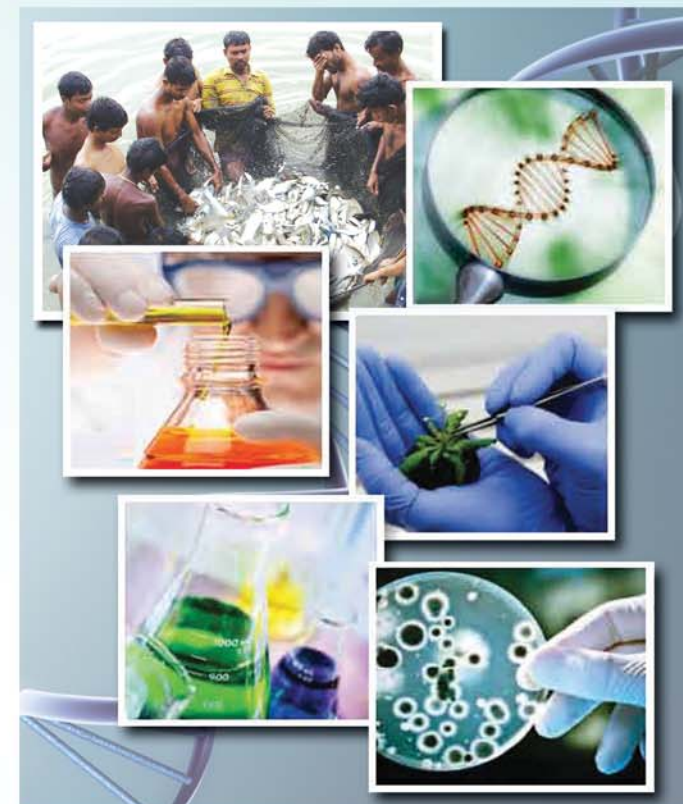


## ICAR-Sponsored Winter School

On

Recent Advances in Aquaculture  
Biotechnology

(01-21 November 2017)



*Organized by*

**Department of Fish Genetics and  
Reproduction**

**COLLEGE OF FISHERIES**

**Central Agricultural University  
(Imphal)**

**Lembucherra, Tripura (W), PIN : 799210**

## Introduction

The College of Fisheries, Lembucherra, Tripura, a constituent college of Central Agricultural University, Imphal, is one of the best Fisheries College in India in terms of academic performance. The college has established itself at national level in producing ICAR-JRFs consistently. The college is also involved in research and extension activities since its inception in 1998 for the development of fisheries sector in NE region. College has contributed substantially in research which are visible through publication of research papers in peer reviewed high impact factor journals. The college has extended significant extension services to the farmers of the region in aquaculture, fish health, seed production and fish processing.

Department of Fish Genetics and Reproduction of the college has made significant progress in research and application of various biotechnological and molecular techniques in freshwater fishes. The dept. has completed many externally sponsored projects funded by DBT, NFDB, etc. Some externally funded projects are in progress the dept., including biotech hub, centre of excellence in aquaculture biotechnology (COE-FAB), funded by DBT. The dept. is also involved in seed production of carp, freshwater prawn and catfishes. The college and the dept., in particular, is well equipped with advanced instruments to carry out high throughput research in the area of biotechnology. The course is designed to refresh and improve skills of participants in recent developments of aquaculture biotechnology.

## Course contents

Molecular tools for genetics characterization of species, molecular reproductive physiology of fish, transgenesis for trait manipulation, marker assisted selection, surrogate technology for species conservation and propagation, cryopreservation for species conservation, DNA vaccine for fishes and shellfishes, molecular tools for fish disease diagnosis, nutrigenomics in feeding management, biofloc technology, bioenrichment of live food, bioremediation of aquatic environment, biofilm in aquaculture, biosafety and biosecurity, application of bioinformatics in fisheries and aquaculture, fermentation process for value addition, probiotics in aquaculture, colour enhancement of ornamental fish, algal biotechnology.

## Course material

The Training Course Manual will be handed over to all the participants at the beginning of Winter School.

## Training methodology

Both theory and practical sessions will be facilitated by core academic staff/ scientists and each session will be followed by discussion on the topic. Well qualified experts of the college and guest faculties will deliver lectures and facilitate practical classes. Field exposure will also be organized during the course. The participants are advised to come prepared for evaluation tests.

## Who can apply?

Participants holding the rank of Asst. Professor/ Scientist or equivalent and above from NARS including SAUs, Deemed Universities, CAUs, KVVs and other Agriculture and allied Science faculties of other Universities can apply. A total

of **25** participants will be selected for the programme.

## How to apply?

Interested participants must apply online using CBP Portal of Indian Council of Agricultural Research at [cbp.icar.gov.in](http://cbp.icar.gov.in). Participants are required to create an account on CBP site and then using login ID and Pass Word, enter into the System to apply online, after selecting this winter course from the list. After filling the application, a printout is taken for due approval of host Institute Authority. This signed application form is scanned and uploaded using CBP portal and send a copy by post/ email to the Course Director so as to reach on or before due date at the given address. The application form should include non-refundable course fee of **Rs. 50/- (Rupees fifty only)** in the form of Postal Order/DD drawn in favour of **“Dean, College of Fisheries” payable at SBI, Agartala (IFSC No. SBIN0000002)**

**Note: The last date for submission of application form is 30<sup>th</sup> Sep., 2017. The intimation to selected participants will be sent on 7<sup>th</sup> Oct, 2017.**

## How to reach?

The college is located at Lembucherra and can be reached by rail, road and air. The college is 10 km away from Agartala city, 17 km from Agartala Railway station and 15 km from Agartala Airport.

## Travel and Accommodation

The participants will be paid to & fro journey fare **restricted to AC II-tire train fare** or bus fare. TA will be paid from your place of duty to the college by shortest route as per CAU (I) guidelines. Accommodation and food would be provided to the participants in the College Guest House free of cost.