

# 21 Days National Training Course (NTC 2021)

On

**"Recent Advances in Fisheries & Aquaculture Technology for Sustainable Rural Development"**

(Through Online Mode)

(May 18 to June 07, 2021)



Organized by



**West Bengal University of Animal & Fishery Sciences (WBUAFS)  
Kolkata (West Bengal)**

&

**National Agriculture Development Cooperative Ltd (NADCL)  
Baramulla (UT of J & K)**

(website: [www.nadcl.org](http://www.nadcl.org) / email: [info@nadcl.org](mailto:info@nadcl.org) / Contact No. 8899921702)

## ABOUT HOST ORGANIZATION

**The West Bengal University of Animal and Fishery Sciences (WBUAFS)** was established on 2 January 1995 by a Legislative Act (West Bengal University of Animal and Fishery Science Act-VI,1995). Before this, veterinary education in the state was imparted by Bengal Veterinary College, a premier institution of the country which was established in 1893. It was the second oldest veterinary college in the country.

The university in its current form was established with three distinct faculties namely Faculty of Veterinary & Animal Sciences, Faculty of Fishery Sciences and Faculty of Dairy Technology. The university headquarter is situated at 68, Kshudiram Bose Sarani, Belgachia, Kolkata, West Bengal. It offers undergraduate, post-graduate and doctoral programs in the disciplines on Veterinary & Animal Sciences, Fishery Sciences and Dairy Technology. The university is recognized by the University Grant Commission and also accredited by the Indian Council of Agricultural Research, New Delhi.

Besides teaching, the university is also actively engaged in research and extension activities through the Directorate of Research, Extension and Farms of the university with three Krishi Vigyan Kendra's namely Jaipauri, Murshidabad and North 24 Parganas Krishi Vigyan Kendra.

**National Agriculture Development Co-operative Ltd. (NADCL)** was established under Self Reliant Co-operative Act, 1999: under Ministry of Cooperatives with a mission to promote, disseminate and mutual exchange of scientific information of Agricultural Science among the scientific diaspora and stakeholders. The NADCL was primarily established to serve as a bridge for communication between agriculture scientists, extension workers and farmers. Blending of the influences of these three, bring an effective result in the doubling of farmer's income. In this context NADCL already organized a number of awareness programs, international conferences and national training courses; individually as well as in collaboration in State Agriculture Universities and with various institutes of ICAR.

### Background

Food and agriculture are key to achieving the entire set of Sustainable Development Goals (SDGs) of the United Nations'2030 Agenda and many SDGs are directly relevant to fisheries and aquaculture. Fisheries and Aquaculture has critical importance for the food, nutrition and employment of millions of people mostly in rural environment, many of whom struggle to maintain reasonable livelihoods. FAO's Blue Growth Initiative is an integrated and multi-sectoral approach to the management of aquatic resources aimed at maximizing the ecosystem goods and services obtained from the use of oceans, inland waters and wetlands for providing social and economic benefits. It is an eco-friendly and labour-intensive agricultural activity. One of the major thrust area of agricultural research in tropical and sub-tropical countries is fisheries and aquaculture. Advancement aquaculture technologies and responsible fisheries are the key factors for enhancing fish production in the world and flourishing the aquaculture industry. It has multi-dimension opportunities like earning of foreign exchequer, generation of employment, recycling and reuse of wastes to produce wealth, and supply of easily digestible animal protein to human being.

### Objectives

1. To encourage and update the Fisheries officers, Scientist and extension specialists' students and entrepreneurs about recent advances in fisheries technology.
2. To provide latest information about fisheries science including inland fisheries.

3. To identify scope, prospects and constraints of fisheries as an enterprise both at small and large scale through interactive group discussions, brainstorming sessions and feedback from participants.

### Resource Persons

The experts from ICAR, State Agriculture Universities (particularly from West Bengal University of Animal and Fishery Sciences) and senior officers from the line Department (Fisheries) will cover topics of fisheries technology by lectures, audio – video presentation, and group discussion.

The details of the lectures and their schedule will be given separately.

**Participants & Eligibility:** The training is open for the scientists, teachers, research scholars, growers, PG students and marketing personnel.

### Important Date:

Last date for receipt of application form:	11-05-2021
Intimation of selection:	14-05-2021
Confirmation about participation:	15-05-2021
Commencement of training:	18-05-2021

**Venue:** The 21 Days National Training Course (NTC 2021) on "Recent Advances in Fisheries Technology for Sustainable Rural Development" will be organized through virtual lecture/class.

### Requirement for Training:

The aspirants should be proficient in the following:

- Basic computer skills.
- Sending/receiving email
- Sending and receiving attachments via email.
- Using a web browser.
- Finding web resources through search engines.
- Downloading and installing software and/or viewing electronic files.
- Familiarity with using browser plug-ins (e.g., PDF reader, video, audio).
- Using a word processing, presentation software, or other productivity applications.
- Experience/familiarity with a variety of file formats such as: .rtf "Rich Text Format", .doc or .docx "Microsoft Word Document", and .txt "Text document".
- The ability to be self-directed in learning new technology skills (for example, following a handout, a step-by-step tutorial, online video help, or access to support to learn necessary skills).

### Mode of Participation:

The training will be organized in 4 quadrants i.e.,

1. Lecture through video conference,
2. Preparing delivered material that can be downloaded /printed,
3. Self-assessment tests through google classroom assignment/tests/quizzes,
4. An online discussion forum for clearing the doubts.

The above cited steps have to be taken to enrich the learning experience by using audio-video and multi-media state of art pedagogy/technology. In order to ensure that best quality content lecture is delivered course director and his coordinators will monitor the whole training course.

## How to Apply:

Participants can submit online registration form on the site: [www.nadcl.org](http://www.nadcl.org)

## Registration Fee

Registrations fees include training documents, participation certificate, postal charges and published training compendium that will be send to all the candidates through speed post. Non-refundable registration fee for Indian participants is given below:

Category	Registration fee before 11-05-2021	Registration fee after 11-05-2021
Students/ Research Fellows	Rs. 2500/=	Rs. 3500/=
Faculties/Scientists/In-service participants	Rs. 3500/=	Rs. 4500/=
Private Organizations/Industries/etc.	Rs. 4000/=	Rs. 5000/=

**Mode of Payment:** Registration fee can be paid while submitting on line registration form on the site: [www.nadcl.org](http://www.nadcl.org)

## Chief Patron

**Prof. Chanchal Guha**, Hon'ble Vice-Chancellor West Bengal University of Animal & Fishery Sciences (WBUAFS) Kolkata.

## Course Directors

**Prof. Bipul Kumar Das**, Dean Faculty of Fishery Sciences, West Bengal University of Animal & Fishery Sciences (WBUAFS), Chakgaria Campus, Kolkata

&

Director of Research, Extension & Farms, Directorate of Research, Extension & Farm West Bengal University of Animal & Fishery Sciences, Kolkata.

**Dr. Ratna Nashine**, Professor and Dean, College of Agriculture and Research Station, Narayanpur, Indira Gandhi Krishi Vishwavidhalaya, Raipur, Chhattisgarh.

## Organizing Directors

**Prof. K. C. Dora**, Professor, Department of Fish Processing Technology, Faculty of Fishery Sciences, West Bengal University of Animal & Fishery Sciences (WBUAFS), Chakgaria Campus, Kolkata.

**Prof. Somen Sahu**, Professor, Department of Fishery Economics, Statistics & Marketing, Faculty of Fishery Sciences, West Bengal University of Animal & Fishery Sciences (WBUAFS), Chakgaria Campus, Kolkata

**Dr. Dinesh Uddhavrao Lokhande**, Professor, Department of Surgery & Radiology, Mumbai Veterinary College, Maharashtra Animal and Fishery Sciences University, Nagpur.

## Training Coordinators

**Dr. Nilendu Jyoti Maitra**, Deputy Director, Directorate of Research, Extension & Farms West Bengal University of Animal & Fishery Sciences, Kolkata.

**Dr. K. C. Dhara**, Assistant Director, Directorate of Research, Extension & Farms, West Bengal University of Animal & Fishery Sciences, Kolkata.

**Dr. Sudip Das**, Assistant Director, Directorate of Research, Extension & Farms, West Bengal University of Animal & Fishery Sciences, Kolkata.

### Course Convener

**Dr. Supratim Chowdhury**, Associate Professor, Department of Fish Processing Technology, Faculty of Fishery Sciences, West Bengal University of Animal & Fishery Sciences (WBUAFS), Chakgaria Campus, Kolkata.

**Dr. Biswarup Saha**, Associate Professor, Department of Fishery Extension, Faculty of Fishery Sciences, West Bengal University of Animal & Fishery Sciences (WBUAFS), Chakgaria Campus, Kolkata.

**Dr. B. K. Chand**, Deputy Director, Directorate of Research, Extension & Farms, West Bengal University of Animal & Fishery Sciences, Kolkata.

**Dr. Girish Udhavrao Yadav**, Assistant Professor, Department of Surgery & Radiology, Mumbai Veterinary College, Maharashtra Animal and Fishery Science University, Nagpur.

### Co-Convener

**Dr. Rashmi Sharma**, Associate Professor, Department of Zoology, SPCGCA Ajmer, Rajasthan.

### Course Coordinators

**Dr. Satabdi Das**, Scientist, Directorate of Research, Extension & Farms, West Bengal University of Animal & Fishery Sciences, Kolkata.

**Dr. Nilufar Haque**, Assistant Director, Directorate of Research, Extension & Farms, West Bengal University of Animal & Fishery Sciences, Kolkata.

**Dr. Javed Iqbal Mir**, Senior Scientist, ICAR-Central Institute of Temperate Horticulture, Srinagar, J & K.

### Organizing Secretary

**Dr. Suheel Ahmad**, Sr. Scientist and Officer In-charge, ICAR-IGFRI, Regional Research Station, Srinagar.

### Deputy Organizing Secretary

**Dr. Aijaz Ahmed Wani**, Sr. Assistant Professor and Head, Department of Zoology, Government Degree College, Doda (J & K).

### Co-Organizing Secretaries

**Dr. Monjunatha D. R.** Assistant Professor & Head, Department of Veterinary Clinical Complex, Veterinary College, Vidyanagar, Hassan, Karnataka Veterinary, Animal & Fisheries Sciences University, Bidar.

**Dr. Sheeraz Saleem Bhat**, Scientist, ICAR-IGFRI, Regional Research Station, Srinagar

**Dr. Nasir Hamid Masoodi**, Assistant Professor (Floriculture and Landscape Architecture) SKUAST-Kashmir.

**Dr. M. Chandra Naik**, Assistant Professor, ARS, Dhdesugur, University of Agricultural Sciences, Raichur, Karnataka.

### Training Coordinator

**Dr. R. A. Shah**, Baramulla, Jammu & Kashmir.



**IT Engineer**

**Er. Azfar Farooq, Srinagar, Jammu & Kashmir.**

**Email to contact is: [info@nadcl.org](mailto:info@nadcl.org) and Contact Persons are;**

**Dr. R. A. Shah,** Training Coordinator, Baramulla, Jammu & Kashmir (**Contact No. 8899921702**)

**Prof. Bipul Kumar Das,** Dean Faculty of Fishery Sciences & Director of Research, Extension & Farms, Directorate of Research, Extension & Farm West Bengal University of Animal & Fishery Sciences, Kolkata. (**Contact No. 9875302227 / 9433754489**)

**Dr. Satabdi Das,** Scientist, Directorate of Research, Extension & Farms, West Bengal University of Animal & Fishery Sciences, Kolkata ((**Contact No. 9875483121/ 9836572921**)

**Dr. Ratna Nashine,** Professor and Dean, College of Agriculture and Research Station, Narayanpur, Indira Gandhi Krishi Vishwavidhalaya, Raipur, Chhattisgarh (**Contact No. 9425263053**)

**Instructions for filling online form on [www.nadcl.org](http://www.nadcl.org)**

- 1. Candidates should fill all fields as described. Fee will be calculated automatically based on candidates Workplace and Category.**
- 2. Candidates need to have a valid and a functional phone number and an Email ID. They will receive OTP (one-time password) on the same phone number and email.id. It needs to be entered on the form for authentication.**
- 3. Candidates need to upload a passport size photo on the form. Make sure the photograph is less than 100 KB. If your file is bigger, you can compress the at the following.**
- 4. Since this an online program, candidate should select;**
  - ACCOMPANYING PERSON(S): NO**
  - ACCOMODATION REQUIRED: NO**
- 5. Payment is to made online through net banking/card/credit card/UPI after registration. No hard copy is required to be submitted.**
- 6. Further detailed Instructions are on the website registration page i.e., [www.nadcl.org](http://www.nadcl.org)**
- 7. In case of any query, candidates should write an email to [info@nadcl.org](mailto:info@nadcl.org)**

**REGISTRATION FORM**  
**For**  
**21 Days National Training Course (NTC 2021)**  
**On**  
**“Recent Advances in Fisheries & Aquaculture Technology for Sustainable Rural Development”**

Name: .....

Sex: ..... (Male / Female)

Qualification: .....

Designation: .....

Department / Division: .....

Organization / University: .....

WhatsApp Number: .....

Email Id: .....

Complete Correspondence Address (For Dispatching through speed post the hard copy of training participation certificate along with original receipt of registration fee):

.....  
.....

Pin Code: .....

Registration Fee Paid: Rs..... (In Words: Rupees.....)

Transaction id of Registration Fee: .....

***Signature of the Applicant***

**Registration Fee**

Non-refundable standard registration fee for Indian participants is given below:

<b>Category</b>	<b>Registration fee before 11-05-2021</b>	<b>Registration fee after 11-05-2021</b>
Students/ Research Fellows	Rs. 2500/=	Rs. 3500/=
Faculties/Scientists/In-service participants	Rs. 3500/=	Rs. 4500/=
Private Organizations/Industries/etc.	Rs. 4000/=	Rs. 5000/=

**Bank Details:** Pay the registration fee in favour of National Agriculture Development Cooperative Ltd.

Bank: State Bank of India

Branch: Baramulla

Account Number: 39084212862

IFSC Code: SBIN0001477

(After depositing the registration fee, send the screenshot of your transaction through WhatsApp No: 8899921702)

Send the entirely filled registration form to the Training Coordinator NTC 2021 through [info@nadcl.org](mailto:info@nadcl.org) or [naagdevcoopltd2018@gmail.com](mailto:naagdevcoopltd2018@gmail.com)