

# 21 Days Advanced National Training Course (ANTC 2021)

On

## “Recent Advances in Veterinary Pathology for Intensive Livestock Development”

(Through Online Mode)

(November 10 to 30, 2021)



Organized by



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

([www.wbuafsci.ac.in](http://www.wbuafsci.ac.in))

&

**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 2nd January, 1995 vide West Bengal University of Animal & Fishery Sciences Act – 1995 to impart education, training and to conduct research in veterinary and animal sciences, dairy sciences and fishery sciences and also to cater the needs of the farming community of the State of West Bengal. During this period the University has been recognized as one of the leading institutions of the country to uplift the socio-economic status of farmers. The hallmark of the University has been the development of human resources to meet the requirements of the society and to promote the socio-economic development of the region. The University has been engaged in commendable task of improving the research infrastructure to develop cutting edge technologies for improved management of animal and fishery resources, disease problems, nutrients, water resources and environment. Significant achievement has been made to improve the research activities with the funds made available from State and Central Governments and non-government organizations. There are three faculties in this University viz. (1) Faculty of Veterinary & Animal Sciences (B.V.Sc. & AH, M.V.Sc. & Ph.D. courses) (2) Faculty of Dairy Technology (B.Tech.(DT), M.Tech. (DT) and M.Sc. (Dairying) and Ph.D. courses) and (3) Faculty of Fishery Sciences (B.F.Sc., M.F.Sc. and Ph.D. courses). The research, extension and farm activities of the University are organized through the Directorate of Research, Extension & Farms of the University. Various research programmes have been running since 1995 under the aegis of the said Directorate. In the coming years we will get more opportunities to expand our educational and research activities in the national and international arena. Our faculty members have already proved this by getting international fellowships, awards and have also been invited to present their papers in the international congress, symposia and conferences.



**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 with State Agriculture Universities and also with various institutes of ICAR.

## Background

Veterinary pathology covers a vast array of species, but with a significantly smaller number of practitioners, so understanding of disease in non-human animals, especially as regards veterinary practice, varies considerably by species. Nonetheless, significant amounts of pathology research are conducted on animals, for two primary reasons: 1) The origins of diseases are typically zoonotic in nature, and many infectious pathogens have animal vectors and, as such, understanding the mechanisms of action for these pathogens in non-human hosts is essential to the understanding and application of epidemiology and 2) those animals that share physiological and genetic traits with humans can be used as surrogates for the study of the disease and potential treatments as well as the effects of various synthetic products. For this reason, as well as their roles as livestock and companion animals, mammals generally have the largest body of research in veterinary pathology. Animal testing remains a controversial practice, even in cases where it is used to research treatment for human disease. The practice of veterinary pathology is customarily divided into the two main fields of anatomical and clinical pathology.

In this context, this course is aimed to sensitize the faculty, scientists, field professionals and students involved in veterinary pathology and Advisory services to revisit the strategies and concepts so as to bring about a paradigm shift in the disease investigation mechanisms for the farming community

## Objectives of the Course

1. Sensitize and update the faculty, field professionals, scientists, extension specialists, students and entrepreneurs about recent advances in extension education and advisory services for effective dissemination of the diagnosis and related technology.
2. Identify and share the best practices in veterinary pathology and advisory services.
3. Focus on identification of the constraints and challenges in disease investigation and advisory services and find suitable solutions and strategies for better treatment towards sustainable development of the farming community.
4. Create a quality discussion forum of the professionals through interaction and dialogue between experts and participants based on diverse research and extension activities

## 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:** This training is open for the scientists, teachers, research scholars, KVK faculty, field professionals, NGO staff, PG/Ph.D. students and marketing personnel as well as academicians.

## Important Date:

Last date for receipt of application form:	05-11-2021
Intimation of selection:	09-11-2021
Confirmation about participation:	09-11-2021
Commencement of training:	10-11-2021

**Venue:** The 21 Days Advanced National Training Course (ANTC 2021) on "Recent Advances in Veterinary Pathology for Intensive Livestock 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:

<b>Category</b>	<b>Registration fee before 05-11-2021</b>	<b>Registration fee after 05-11-2021</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/=

**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.

### Patron

**Dr. S. Chandra**, Registrar, West Bengal University of Animal & Fishery Sciences (WBUAFS) Kolkata.

**Prof. B. K. Das**, Director of Research, Extension & Farms (DREF), West Bengal University of Animal & Fishery Sciences (WBUAFS) Kolkata.

**Prof. T. Nagesh**, Controller of Examinations, West Bengal University of Animal & Fishery Sciences (WBUAFS) Kolkata.

### Organizing Directors

**Prof. Nilotpol Ghosh**, Dean Faculty of Veterinary and Animal Sciences, West Bengal University of Animal & Fishery Sciences (WBUAFS), Chakgaria Campus, Kolkata

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

### Course Director

**Dr. N. C. Patra**, Assistant Professor and Ex-Head, Department of Veterinary Pathology, West Bengal University of Animal & Fishery Sciences (WBUAFS) Kolkata.

### Co-Course Directors

**Dr. S. Pradhan**, Assistant Professor, Department of Veterinary Pathology, West Bengal University of Animal & Fishery Sciences (WBUAFS) Kolkata.

**Dr. S. Mondal**, Assistant Professor, Department of Veterinary Pathology, West Bengal University of Animal & Fishery Sciences (WBUAFS) Kolkata.

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

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

### Organizing Committee

**Dr. R. N. Hansda**, Head, Department of Veterinary Pathology, West Bengal University of Animal & Fishery Sciences (WBUAFS) Kolkata **Chairman**

**Dr. B. K. Biswas**, Scientist under DREF, West Bengal University of Animal & Fishery Sciences (WBUAFS) Kolkata **Member**

**Prof. S. K. Mukhopadhyay**, Professor and Ex-Heads, Department of Veterinary Pathology and Department of Veterinary Microbiology, West Bengal University of Animal & Fishery Sciences (WBUAFS) Kolkata **Member**

**Dr. M. Mondal**, Head, Department of TVCC, West Bengal University of Animal & Fishery Sciences (WBUAFS) Kolkata **Member**

**Dr. P. R. Nandi**, Head, Department of Veterinary Gynecology & Obstetrics, West Bengal University of Animal & Fishery Sciences (WBUAFS), Chakgaria Campus, Kolkata **Member**

### Convener

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

### Co-Convener

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

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

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

### Course Coordinators

**Dr. Ajantika Ghosh**, Ex-Scholar, Department of Veterinary Pathology, West Bengal University of Animal & Fishery Sciences, Kolkata.

**Dr. Mousumi Namasudra**, Ph.D. Scholar, Department of Veterinary Pathology, West Bengal University of Animal & Fishery Sciences, Kolkata.

### 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. N. C. Patra**, Assistant Professor, Department of Veterinary Pathology, West Bengal University of Animal & Fishery Sciences, Kolkata. (Email id: [kailashinimai@gmail.com](mailto:kailashinimai@gmail.com))

**Contact No. 9432185250)**

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

**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 Advanced National Training Course (ANTC 2021)

On

“Recent Advances in Veterinary Pathology for Intensive Livestock 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):

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.....

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:

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

**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 ANTC 2021 through [info@nadcl.org](mailto:info@nadcl.org) or [naagdevcoop ltd2018@gmail.com](mailto:naagdevcoop ltd2018@gmail.com)