

unit NIVEDI, payable at Bengaluru.

TA and DA

Participants will be paid To and Fro journey fare by shortest rail (Permissible upto AC II tier)/road route as per ICAR guidelines on submission of valid travel documents. Participants are requested to make their own travel arrangements.

Boarding and Lodging

Expenses on boarding and lodging arrangements for selected participants will be borne by the organizer as per the ICAR guidelines on shared basis. Participants are requested not to accompanied by their family members as accommodation facility is highly restricted.

How to Reach

ICAR-NIVEDI is located about 23 km from city railway station/bus station, 15 km from Yeswantpur railway station. Prepaid taxi/auto can be availed at railway/bus station to reach NIVEDI, Ramagondanahalli, Yelahanka, Bangalore (Near to Nagarjuna Vidyaniketan, Behind CRPF, Doddaballapur main Road)

**Last Date of application:
30th September, 2017**

All correspondence may be addressed to

Dr. P. P. Sengupta,

Principal Scientist, ICAR-NIVEDI,
Yelahanka, Bengaluru,
Karnataka, India-560064

Email: Pinaki.Sengupta@icar.gov.in or
pinakiprasad_s@rediffmail.com

Mobile: +919480454256

Phone: 080-23093100

Application Form for

ICAR Short Course on Advances in risk analysis and GIS based prediction modeling of livestock parasitic diseases

23rd October to 1st November, 2017
(Fill in CAPITAL Letters)

1. Full Name:
2. Designation:
3. Postal Address:
4. Address to which reply should be sent (along with mobile/telephone No. and email):
5. Date of Birth:
6. Gender:..... (Male/Female)
7. Teaching/Research/Professional experience (mention posts held during the last five years and Nos. of publications)
8. Marital Status
9. DD/Postal Order No. Rs. 50/-:.....
Dated.....
10. Academic Record

Degree	Discipline	Year	University
PhD			
Masters			
Graduation			

Date:

Place: (Signature of Applicant)

11. Recommendation of forwarding authority: It is certified that information furnished by the candidate has been verified and found correct

(Signature and Designation of
Sponsoring Authority with Seal)

INFORMATION BROCHURE

ICAR Short course on

**'Advances in risk analysis and GIS based
prediction modeling of livestock parasitic
diseases'**

23rd October to 1st November, 2017

Sponsored by



**INDIAN COUNCIL OF AGRICULTURAL
RESEARCH**

New Delhi

**Course Director: Dr. P. P. Sengupta
Co-Course Directors: Dr. K. P. Suresh,
Dr. Siju Susan Jacob**

Organized by



ICAR- National Institute of Veterinary
Epidemiology and Disease Informatics (ICAR-
NIVEDI), Ramagondanahalli, Yelahanka,
Bengaluru-64



About ICAR- NIVEDI

ICAR-National Institute of Veterinary Epidemiology and Disease Informatics (ICAR-NIVEDI), under the Indian Council of Agricultural Research (ICAR), a pioneer research institute in veterinary epidemiology is carrying out disease surveillance, monitoring and analysis of livestock diseases in India through 32 collaborative centers of AICRP_ADMAS located in different states of the country.

The AICRP on Animal Disease Monitoring and Surveillance (AICRP-ADMAS) initiated by the ICAR in the VIIth five year plan and became fully functional in 1987 with establishment of four Regional Research Units (RRUs) at Bangalore, Hyderabad, Pune and Ludhiana. The Central Coordinating Unit (CCU) was established at the Institute of Animal Health and Veterinary Biologicals, Bengaluru to coordinate research activities of the regional units. In the VIIIth plan, the institute was strengthened with support of ICAR and European Union by taking up the major responsibility under National Project on Rinderpest Eradication (NPRE) involving 32 state level diagnostic/disease investigation laboratories in the country. On 1st April 2000 (during the IXth plan), the CCU was given the status of Project Directorate and named as 'Project Directorate on Animal Disease Monitoring and Surveillance (PD_ADMAS)' with ten collaborating units under AICRP_ADMAS component. In the Xth and XIth Five year plan period, five more collaborating units were added.

Keeping in view of remarkable contributions of this institute to country's livestock sector, the council

rechristened PD_ADMAS as 'National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI)' on 25th October, 2013.

About the Course

Being a tropical country, India is embraced with a battery of parasitic diseases in animals that are responsible for significant economic losses to the livestock Industry. Life cycle of most of the parasites consists of two phases, first phase is within its definitive host and the second phase is either within intermediate host/vectors or in the environment as free living stages. So in order to successfully complete its life cycle, a parasite must adjust its way of living in these two entirely different environmental conditions. This in turn will determine the epidemiology of any parasitic disease. Epidemiology is not only concerned with the distribution pattern of a disease in a population, but also deals with the risk factors/determinants that contribute to the occurrence of the disease as well as the application of this knowledge for the effective control of disease incidence. This short course aims to provide an insight into the basic epidemiological tools required for conducting epidemiological surveillance of parasitic diseases affecting livestock as well as will help in acquainting the skills for identification of risk factors that contribute to the occurrence of diseases. In addition to this, Geographical Information system (GIS) based mapping of the distribution of parasitic diseases will be emphasized in the course which is a relevant topic in the current scenario of global climate change.

Course contents at a glance

- ✚ Introduction to epidemiology of parasitic diseases
- ✚ Laboratory diagnosis of parasitic diseases
- ✚ Estimation of economic losses due to parasitic diseases
- ✚ Art and science of disease investigation
- ✚ Molecular epidemiology
- ✚ GIS based surveillance of parasitic diseases
- ✚ Risk mapping and modeling

Eligibility criteria

- ✚ Master's Degree in Veterinary Science with specialization in Veterinary Parasitology/ Public Health/ Epidemiology/ Preventive Medicine/ Veterinary Medicine /Microbiology/ Pathology/ Biotechnology and allied disciplines of life science
- ✚ Personnel in ICAR Institutes/State AUs/State Veterinary University/ CAU/ Agricultural faculty of Aligarh Muslim University, Banaras Hindu University, Vishwa Bharti and Nagaland University in the cadre of Assistant Professors Eligibility or equivalent and above.

How to Apply for the Short course

Interested and eligible candidates fulfilling the mentioned criteria may apply at CBP portal of IASRI at <http://www.cbp.icar.gov.in>. Hard copy of submitted online application as well as application in prescribed format should be sent to course director through proper channel before the last date.

The selected participants will have to pay a sum of 50/- as registration fee by Demand Draft of rupees 50/- (Nonrefundable) drawn in favor of ICAR