

APPLICATION FORM

(To be sent to the Course Director)

Full Name :
(in BLOCK LETTERS)
Designation :
Present employer and address :
Address (in BLOCK LETTER) :
Email ID :
Permanent address :
Date of Birth :
Sex : Male / Female
Teaching/ Research/ :
Professional experience
(Post held) during last five
years and number of
publications
Marital status : Married/ unmarried
Mention if you have :
participated in any Summer /
Winter School / Short course
etc during the previous years.
If yes, Title of the course.
Demand draft Number :
(non-refundable) Date :
Examinations passed Subjects Year Class / University/ Other
Bachelors degree
Masters degree
Other degrees
Certificates
Diplomas

Signature of the applicant with date

Recommendations of forwarding institute

Certificate It is certified that the information furnished are as per the
office records and are correct

Date: Signature & designation of the
sponsoring authority

Eligibility Requirements

The Short Course is open for participants from ICAR Institutes / State Agricultural Universities / Central Agricultural Universities/ Veterinary Universities and Krishi Vigyan Kendras. The participants should possess a Masters Degree from any of the recognized university in one of the following subjects. Veterinary Pathology, Veterinary Microbiology/ Virology, Veterinary Parasitology, Veterinary Public Health and Veterinary Medicine or Preventive Veterinary Medicine, and relevant basic sciences and are in the cadre of Assistant professor or above or equivalent with a minimum of two years of teaching / research experience. Participants will be selected on the basis of their ability benefit from the programme. As per the ICAR's policy, a few participants from the basic sciences may also be selected.

How to Reach

The NIVEDI is about 23 Km from city railway / 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).

All correspondence may be addressed to

DR. G. B. MANJUNATHA REDDY

Course Director & Scientist
ICAR - National Institute of Veterinary
Epidemiology and Disease Informatics
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INFORMATION BROCHURE

*ICAR Summer School
On*

**PRINCIPLES AND CONCEPTS OF LIVESTOCK
DISEASE INFORMATICS AND MODELLING IN
VETERINARY EPIDEMIOLOGY**

June 10 - 30, 2015

Sponsored by



INDIAN COUNCIL OF AGRICULTURAL RESEARCH
New Delhi

Patron : **Dr. H. Rahman**

Course Director : **Dr. G. B. Manjunatha Reddy**

Co - Course Director : **Dr. M. R. Gajendragad**
Dr. K. P. Suresh

Organized by



**ICAR - National Institute of Veterinary
Epidemiology and Disease Informatics**
Ramagondanahalli, Yelahanka, Bengaluru - 64

About the Institute

The project on animal disease monitoring and surveillance, which was initiated by the ICAR in the VII five year plan as an All India Coordinated Research Project (AICRP) became fully functional during the last quarter of 1987 with the establishment of four Regional Research Units (RRUs) located at Bengaluru, Hyderabad, Pune, and Ludhiana. The Central Coordinating Unit (CCU) was established at the Institute of Animal Health and Veterinary Biologicals, Bengaluru to co-ordinate research activities of the regional units. It was further strengthened in the VIII plan with support of ICAR and European Union by giving the responsibility of the National Project on Rinderpest Eradication (NPRE) involving the participation of 32 state level diagnostic/disease investigation laboratories. Later, realizing the impact of animal disease monitoring and surveillance on our entire livestock sector and to give a boost, ICAR upgraded this project to an independent institute status on 1st April, 2000 (during the IX plan) as - "Project Directorate on Animal Disease Monitoring and Surveillance (PD on ADMAS)" with ten collaborating units. The Directorate got further impetus with addition of five more collaborating units in the X plan. In XI plan, Guwahati Centre in Assam has been included as a collaborating unit of AICRP on ADMAS. Keeping in view of the tremendous contributions of this institute to country's livestock health sector, the council upgraded it to National Institute and rechristened as National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI) on 25th October 2013.

About the course

Epidemiology is the study of disease in populations. Veterinarians and other health professionals involved in the preventive medicine and public health professions use epidemiological methods for disease surveillance, outbreak investigation, formulating prevention and control measures and observational studies to identify risk factors of disease in both human and animal populations. Knowledge of these risk factors is necessary to direct further research investigation and to implement disease control measures. The planning and implementation of any disease control programme use different tools and systems which depends greatly on information produced by epidemiological studies. This summer/winter school will help in acquainting the skills for the above said fields along with epidemiological methods used for disease surveillance to identify key hazard factors are the most important. The course will also sensitise participants on identifying risk factors which may represent critical control points in the animal production system and risk analysis and mitigation.

Course Contents

- Introduction to epidemiology
- Livestock disease informatics
- Principle of animal disease surveillance
- Molecular Epidemiology and phylogenetics
- Risk assessment and analysis
- Livestock disease risk mitigation
- Communication of epidemiological findings
- Disease modeling

How to Apply

- Risk based surveillance
- Laboratory tests and techniques in epidemiology
- Art and science of disease investigation
- Statistical concepts in veterinary epidemiology

Eligible and interested candidates may apply at CBP Portal of IASRI www.iasri.res.in, latest by May 25th 2015. Hard copy of submitted online application and application in prescribed format along with a postal order/DD of rupees 50/- (Nonrefundable) drawn in the favour of ICAR Unit NIVEDI, payable at Bengaluru should be sent to course director after approval from competent authority. The list of selected participants will be display on NIVEDI website and will be conveyed to the applicants to through email. Only 25 participants shall be selected for the course.

TA & DA

Participants will be paid To and Fro journey fare by train (II AC)/ deluxe bus on submission of tickets as per ICAR guidelines by the shortest route Participants are requested to make their own travel arrangements.

Boarding & 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.

**Last date for application:
25th May, 2015**