

## APPLICATION FORM

(To be sent to the Course Director)

Full Name :  
( in BLOCK LETTERS)  
Designation :  
Present employer :  
Address (in BLOCK LETTER):

Email ID :  
Phone No :  
Permanent address :

Date of Birth :  
Sex : Male / Female  
Professional experience :  
(in years)  
Marital status : Married/ unmarried  
Educational Qualifications  
Bachelors degree :  
Masters degree :  
Other degrees :

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 Model Training Course is open for participants from Epidemiologists/ Field Veterinarians / Scientific officer from Disease investigation laboratory or state Animal Husbandry Departments. The participants should possess B.V.Sc./ M.V.Sc. Degree from any of the recognized university. Participants will be selected on the basis of their ability to benefit from the programme.

### How to reach

The NIVEDI is about 22 Km from city railway / bus station, 14 km from Yeswanthpur railway station. Prepaid taxi/auto can be availed at railway/bus station to reach NIVEDI, Ramagondanahalli, Yelahanka, Bengaluru (Near to Nagarjuna Vidyaniketan School, behind CRPF). The institute is located 1.8km from the CRPF, off Yelahanka-Doddaballapur Main Road.

**All correspondence  
may be addressed to  
Dr. G. GOVINDARAJ,**  
Scientist & Course Director  
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INFORMATION BROCHURE

Model Training Course  
on

**Epidemiology and Impact Assessment of  
Livestock Diseases: Concepts,  
Application and Strategies**

**14 - 21 December, 2015**

Sponsored by



Directorate of Extension, Ministry of Agriculture,  
Government of India, New Delhi



**Patron: Dr. H. Rahman**  
**Course Director: Dr. G. Govindaraj**  
**Co-Course Directors: Dr. P. Krishnamoorthy**  
**Dr. R. Sridevi**  
**Dr. V. Balamurugan**

Organized by  
**ICAR - National Institute of Veterinary  
Epidemiology and Disease Informatics  
(NIVEDI)**  
**Yelahanka, Bengaluru-560064  
Karnataka**

ICAR-National Institute of Veterinary Epidemiology and Disease Informatics had a humble beginning as an All India Coordinated Research Project (AICRP) and became fully functional during 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 with support of ICAR and European Union by giving the responsibility of the National Project on Rinderpest Eradication (NPRE). Later, realizing the importance 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)". Keeping in view of the tremendous contributions of the 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 25<sup>th</sup> October 2013. The new campus of NIVEDI at Yelahanka, was inaugurated by the Hon'ble Shri Radha Mohan Singh, Union Minister for Agriculture on 9<sup>th</sup> January, 2015.

**Course content**

- Introduction to epidemiology
- Sampling techniques and sample size estimation
- Disease outbreak investigation and report generation
- Importance of clinical sample collection and their management
- Epidemiology of bacterial, viral and parasitic diseases
- Introduction to open source epidemiological softwares
- Descriptive and spatio-temporal epidemiology of livestock disease
- Clinical and diagnostic epidemiology of livestock disease
- Application of Geographical Information System (GIS) and Remote Sensing (RS) in Veterinary Epidemiology

**About the course**

Epidemiology is the study of disease in populations. Veterinarians and other health professionals involved in the preventive medicine and public health professionals use epidemiological methods for disease surveillance, outbreak investigation, formulating prevention and control measures and observational studies to identify risk factors of disease in livestock populations. The planning and implementation of any disease control programme use different tools and systems which depends greatly on information produced by epidemiological studies. Livestock disease causes considerable loss to various upstream and downstream stake holders. The disease in animals causes loss and further strains the financial status of farm households especially the marginal and landless livestock farmers. In order to exercise various control options and to prioritize the investment, the impact of various diseases are to be known. Hence, this course is designed to impart the skills in epidemiological investigations and impact assessment of livestock diseases.

**Boarding and lodging**

Expenses on boarding and lodging arrangements for selected participants will be borne by the organizer as per the Model Training Course guidelines. Participants are requested not to accompany their family members for the training course, since only limited accommodation is available.

**TA & DA**

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

**How to apply**

Eligible and interested candidates may apply by filling the application form in the prescribed format. The filled in application should be sent to The Course Director after approval from the competent authority through proper channel on or before 15<sup>th</sup> November, 2015. The list of selected participants will be conveyed to the applicants through their email. Booking/reservations for journey may be done after receiving confirmation from the organizers. In total, twenty eligible participants will be selected on first come first serve basis.

- Development of survey instrument to collect quantitative and qualitative data
- Methodologies to assess the socio-economic impact of livestock diseases
- Economic losses due to diseases like Foot and Mouth disease, Pesti Des Petits Ruminants, Avian Influenza, etc.,

**Last date for application:  
15<sup>th</sup> November, 2015**