

## Application form for the participation in the Short Course

(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 :

### Academic record

Examinations passed	Subjects	Year	Class / Rank	University or Institution	Other information
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:

### All correspondence may be addressed to

#### DR. M. R. GAJENDRAGAD

Principal Scientist & Course Director  
Project Directorate on Animal Disease  
Monitoring and Surveillance,  
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or

#### DR. G. B. MANJUNATHA REDDY

Scientist & Co-course Director  
Project Directorate on Animal Disease  
Monitoring and Surveillance,  
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Mobile: 08971192103  
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## ANNOUNCEMENT

### Short Course on “Advances in Livestock Disease Informatics and Biostatistics”

19 - 28th August 2013

*Sponsored by*

Indian Council of Agricultural Research, New Delhi



**Patron : Dr. H Rahman**

**Course Director : Dr. M R Gajendragad**

**Co-Course Directors : Dr. G B Manjunatha Reddy  
Dr. K P Suresh  
Dr. S S Patil  
Dr. D Hemadri**



*Organized by*

**Project Directorate on Animal Disease  
Monitoring and Surveillance,  
Hebbal, Bengaluru 560 024 Karnataka**



## About

Project Directorate on Animal Disease Monitoring and Surveillance (PD\_ADMAS) is premier institute under Indian Council of Agricultural Research carrying out research in the field of animal disease monitoring and surveillance, veterinary epidemiology and diagnostics. It was initiated as an All India Coordinated Research Project (AICRP) and later on elevated to the status of Project Directorate in the year 2000. The Directorate played a key role in eradication of Rinderpest from the country and is still continuing its pivotal role in ongoing national level efforts on control of livestock diseases such as FMD, PPR and Brucellosis. The internationally validated kits for diagnosis of IBR and Brucellosis are being used all over the country for diagnosis of these diseases. The Directorate has collected and collated large amount of data on the livestock diseases of the country and has systematically built a sizeable database for epidemiological analysis. Integration of disease data with livestock demography, weather, soil and land use data has enabled PD\_ADMAS to identify relation among these variables, which in turn was useful in identifying disease ecopathozones. Such information created by PD\_ADMAS has been found invaluable for formulating national level policy decisions. The web based interactive National Animal Disease Referral Expert System (NADRES) encompasses relational software whereby forecast information on the nationally important livestock diseases can be extracted two months in advance. The software has been validated and found to be working satisfactorily. The short course will focus on the role of livestock disease informatics and statistics in monitoring,

surveillance and control of livestock diseases in the country.

## 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 M.V. Sc. 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 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.

## Course content

- ▲ Introduction to Epidemiology
- ▲ Advances livestock disease informatics
- ▲ Study design and sampling frame in epidemiology
- ▲ Applications of molecular epidemiology
- ▲ Laboratory tools for molecular epidemiology
- ▲ Data mining: Tools and Techniques
- ▲ Approaches for recording of emerging diseases
- ▲ Recording of disease outbreaks
- ▲ Epigenetics
- ▲ Statistical concepts in epidemiology
- ▲ Risk assessment
- ▲ Development of Economic modules for livestock diseases

## How to apply

Eligible and interested participants are requested to send their nomination in the prescribed format to the Course Director along with a **non-refundable** demand draft for ₹ 50/- (Rupees Fifty only) drawn in the favour of ICAR Unit PD\_ADMAS, Bangalore payable at SBI, Hebbal Branch, Bangalore. The last date for receipt of the nomination is **5th August 2013**.

## 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.

## Boarding and lodging

Arrangements for boarding and lodging will be arranged free of cost in the nearby guest houses. Participants are requested not to be accompanied by their spouses.

## How to reach

The PD\_ADMAS is about 8 Km from city railway / bus Station, 5 km from Yeswantpur railway station. Prepaid taxi/auto can be availed at railway/bus station to reach PD\_ADMAS, Hebbal, Bangalore (Opposite to CBI Bus Stop, Ganganagar, Bellary Main Road).

**Last date for application:**

**5th August 2013**