



# Announcement



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### Programme Coordinator

**Dr. Avtar Singh**  
PS, DCB Division

### Joint Coordinators

**Dr G K Sachdeva**  
PS, DCB Division

**Dr A P Ruhil**  
SS, DESM Division

### Course Advisors

**Dr D K Jain**  
PS, DESM Division

**Dr Ravinder Malhotra**  
PS, DESM Division

### FEE

There is no fee for the training programme.

### TRAVEL

The participants will be paid to and fro railway/bus fare as per their entitlement for the class of travel (on production of tickets) by the shortest route restricted to maximum of AC II class.

### ACCOMMODATION

Free boarding and lodging will be provided at Scientists' Home of the Institute.

### Application Format for Participation

- Name of the applicant
- Date of birth and age
- Designation
- Organization
- Complete Address with mail Id and contact No.
- Academic qualifications (Graduation onwards)
- Experience: Teaching/Research/Extension
- Present nature of job
- Publications during last five years
- Training (s) attended during last five years
- Signature of the applicant
- Recommendations of the Head of Department /Institute

## NATIONAL TRAINING PROGRAMME

ON

# Advanced Statistical Tools for Analysis of Animal Breeding Data

(March 10 - March 30, 2012)

Organized by:

**CENTRE OF ADVANCED FACULTY TRAINING**

**(ANIMAL GENETICS AND BREEDING)**

**DAIRY CATTLE BREEDING DIVISION**

**NATIONAL DAIRY RESEARCH INSTITUTE**

**(Indian Council of Agricultural Research)**

**KARNAL - 132 001 (Haryana)**

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**Date: 21<sup>st</sup> November, 2011**

Dear colleagues,

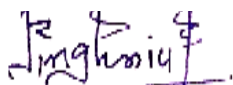
The National Training Programme on "*Advanced Statistical Tools for Analysis of Animal Breeding Data*" which was to be organized from 17<sup>th</sup> November to 7<sup>th</sup> December 2011 under the aegis of Centre of Advanced Faculty Training in Animal Genetics and Breeding at Division of Dairy Cattle Breeding, National Dairy Research Institute, Karnal (Haryana) has been rescheduled from **10<sup>th</sup> March to 30<sup>th</sup> March 2012** due to certain unavoidable reasons. After successfully organizing 27 National Training Programmes on various aspects of AG&B, we wish to welcome you for the 28<sup>th</sup> National Training Programme at this premier Institution.

The rapid increase in computing power during the past had a substantial impact on analysis of animal breeding data. Early statistical models were mostly from the class of linear models, but powerful computers, coupled with suitable numerical algorithms, caused an increased interest in nonlinear models (such as neural networks) as well as generalized linear models. The participants attending this training programme will have the opportunity of getting on-bench practical training in different aspects of generation and analysis of animal breeding data. The application of software packages like SAS, SYSTAT, MATLAB, Micro-soft Excel, DFREML, WOMBAT etc. shall be taken up in practical sessions. The theory lectures will also be delivered by invited subject matter specialists on AnGR of India, breed improvement strategies, performance recording systems, part lactation, test day milk yield models, molecular markers and embryo biotechnology. The participants are also required to deliver a talk on the topic related to their present research work for effective interaction among faculty and participants.

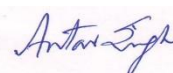
This training programme is open to all those who are **below 50 years of age** and possess Ph.D./ Master's degree in any branch of Animal Sciences preferably engaged in teaching and research in the areas of Animal Genetics and Breeding and Livestock Production. Twenty five seats are available for programme and interested candidates should send their applications (as per given format) to the Programme Coordinator latest by **2<sup>nd</sup> February 2012** (Advance copy) and **10<sup>th</sup> February 2012** (through proper channel). The selected candidates will be informed by **12<sup>th</sup> February, 2012**. It is further informed that all those candidates selected earlier may not apply afresh but confirm their participation in the rescheduled training programme at the earliest under intimation to their office.

Looking forward to welcome you at NDRI, Karnal.

With best wishes

  
(R.S. Gandhi)

Director, CAFT (AG&B)



(Avtar Singh)

Programme Coordinator