Travelling Allowance

The candidates selected for participation in the training will be provided travelling expenses as per their entitlement restricted to 2nd AC rail fare by the shortest route after submission of original tickets. No DA will be paid to the participants.

Boarding and Lodging

Participants will be provided free boarding and lodging by CSWRI as per ICAR norms of Short course. The trainees will be accommodated in the PG hostel.

Patron

Dr. S. M. K. Naqvi, PhD, FNAAS
Director, ICAR-CSWRI, Avikanagar

Course Director

Dr. Ved Prakash,
Scientist (SS), AGB Division
ICAR-Central Sheep and Wool Research Institute
Avikanagar- Malpura (Tehsil) Tonk (Dist)
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Phone No. 01437-220137, Mob: 09352666016,
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Course Coordinators

Dr. Arun Kumar, Head , AGB Div.
Phone No. 01437 220137, Mob:09828141699
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Dr. L L L Prince, Senior Scientist, AGB Div.
Mobile No- 09414439974
E-Mail: Leslie.Prince@icar.gov.in

Application Form

Format for applying for participation in the short course on "**Recent models and methods for analysis of farm animal data for devising suitable breeding and management strategy** " (To be sent directly to the Course Director of the Short Course)

1. Full name (in block letters) :
2. Designation :
3. Present employer and address:
4. Address to which reply should be sent :
5. E-mail address:
6. Fax and Telephone No (M):
7. Date of birth & age :
8. Gender (Male/Female) :
9. Academic record:

Degree	Subjects main	subsi diary	Year of passing	Div	Univ/ Institute
Ph.D					
Master					
Graduation					
Others					

10. Teaching/Research/Professional experience (mention post held) during last 5 years and number of publications.
11. Marital status (Married/Unmarried):
12. Discipline and field of specialization
13. Mention if you have participated in any research Seminar, Summer/Winter School/Short course etc. during the last 5 years under ICAR/other organizations:
14. Demand Draft of Rs. 50/- (in favour of " ICAR UNIT, CSWRI " payable at SBBJ Malpura) towards registration (non-Refundable). Bank: ---------------Draft no ---------------- dated_____ or NEFT Transaction No--------dated-----Account Name– ICAR UNIT, CSWRI ; C/D A/c no- 51066000084, Bank-SBBJ, Branch –Malpura, IFSC code –SBBJ0010088

Date and Place   Signature of Applicant:
15. Recommendation of Forwarding Institute

      Signature _____ Date_____
Designation with official seal_____

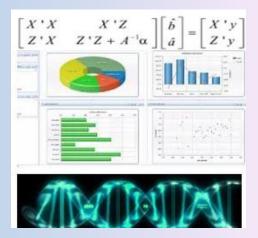*N.B: This Proforma can be typed/photocopied (enlarged) and used.*

Information Brochure

Short Course on
Recent models and methods for analysis of farm animal data for devising suitable breeding and management strategy

11-20 July, 2016

Sponsored by
Indian Council of Agricultural Research, New Delhi

$$\begin{bmatrix} X'X & X'Z \\ Z'X & Z'Z + A^{-1}\alpha \end{bmatrix} \begin{bmatrix} \hat{b} \\ \hat{a} \end{bmatrix} = \begin{bmatrix} X'y \\ Z'y \end{bmatrix}$$

Organised By

Animal Genetics & Breeding Division
ICAR- Central Sheep and Wool Research Institute , Avikanagar, Dist.-Tonk, Rajasthan-304501, India

Rationale of the course

At the farm large amount of data related to various production, reproduction, disposal etc. are generated. These data need to collected in proper manner as successful animal breeding and management requires individually identified animals and complete pedigree information about the sire and dam of each animal. Without these two pieces of information little genetic change can be made in a population. The properly recorded and pedigreed data could be used to identify genetically superior animals based on estimated breeding value. It also helps in taking the management decision based on the trend over the years. The statistical methodology, the models and methods has been improved over the years and are still being improved through. The concept of genome selection need to implemented. With the advancement in computing facility it is possible to dissect the complex traits also. The training program aims to disseminate the information on recent advances in methods and models available for farm animal data analysis. This will help in implementing breeding and management decision effectively.

Course content

Data recording methods and pedigree analysis, Challenges of field animal data recording and its evaluation, Recent methods for augmenting reproduction and economically important reproductive traits, Statistical packages for animal breeding data analysis, The Microsoft excel and SPSS for data analysis, Data analysis using WOMBAT, Analysis of the maternal effects, Statistical, quantitative, and computational aspects of genomic selection, Longitudinal data analysis, Random regression models

Bayesian Statistics and its application in animal breeding data analysis, Genome analysis methods and analysis of SNP effects, Index selection theory and construction of selection index, Marker assisted selection and breeding for disease resistance, Mortality and morbidity pattern data analysis, Functional traits in animal breeding.

Eligibility

Active researchers/teachers not below the rank of Assistant Professor or equivalent from ICAR Institutes/ State AUs/KVK. / CAUs/ Agricultural faculty of AMU, BHU, Vishwa Bharti and Nagaland University, having minimum two years of experience in the disciplines of animal science are eligible to apply. The person with animal genetics and breeding, and livestock production and management will be given preference. A total of 25 candidates will be selected for this course. The selection of the candidates will be made by a Screening Committee as per the available guidelines of the ICAR.

Procedure for participation

Nomination for the training should be sent online through CBP portal site (http://iasri.res.in/cbp). The hard copy of successfully submitted online application along with a postal order/ DD of Rs 50/- (Non-refundable) must be sent to the Course Director after approval of the competent authority. The amount will be drawn in favour of ICAR Unit CSWRI payable at SBBJ, Malpura. In case of any difficulty applying online using CBP portal, the participants may also send the application form duly filled and approved by the competent authority of the organization in the format given to Course Director on the address given in brochure.

About CSWRI

The Central Sheep and Wool Research Institute is a premier Institute of Indian Council of Agricultural Research (ICAR) engaged in research and extension activities on sheep and rabbits. It was established in 1962 at Malpura in Rajasthan. The Institute has developed new strains of sheep namely, Avishaan (Prolific three breed cross), Avikalin for carpet wool production and Bharat Merino sheep for fine wool production. Some of the important technologies developed by the Institute are: Intensive lamb production for mutton, complete feed block, artificial insemination, indigenous sponges for estrus synchronization, area specific mineral mixture, cost effective worm control program, disease data information system , wool hair blended woollen products and meat and meat products.

How to Reach:

C S W R I Avikanagar is 85 Km away from nearest city JAIPUR. Nearest Railway station is Jaipur. After arriving in Jaipur one can reach the campus through Road by Rajasthan State Roadways ordinary Bus service. It is located 8 kms after Diggi and 5 km before Malpura Town on state high way no SH12. The state roadways bus service from Jaipur is available at Main Bus stand (also known as Sindhi Camp Bus stand, Platform No 2,). Jaipur-Malpura, Jaipur- Kekri, Jaipur-Toda Raisingh route bus services pass through Institute main gate stop, known as Avikanagar.

Important Dates

Last date for receipt of nominations- June 10, 2016

Intimation of selection- June 12, 2016

Last date for confirmation from participants- June 16, 2016