

APPLICATION FORM

Training Programme on "Experimental Data Analysis" (Aug 27 - Sep 01, 2018) for Technical Personnel

1. Name (in block letters):
2. Designation:
3. Present employer and address

4. Address to which reply should be sent (in block letters)

Telephone No. (Off.): (Res.):
Mob No.: Fax No.:

E-mail address:
Date of Birth:

5. Sex: Male / Female
6. Professional Experience:

7. Mention if you have participated in any training programme / workshop during past five years under ICAR / other organizations:

8. Academic Record:

Exam. Passed	Subjects	Year of Passing	Marks (Percent age)	University / Institution

9. Discipline:
10. Level of knowledge of Statistics and Computer usage

Signature of the Applicant and Date

11. Recommendations of the forwarding Institute

Signature of the Forwarding
Authority with Seal and Date

Certificate

It is certified that the information furnished above is correct.
Traveling and dearness allowances will be paid by this office.

Signature of the Sponsoring
Authority with Seal and Date

Training Programme

on




EXPERIMENTAL DATA ANALYSIS

August 27 to September 01, 2018

for Technical Personnel

Course Coordinators

Cini Varghese Mohd Harun



Library Avenue, PUSA, New Delhi-110 012
<http://www.iasri.res.in>

"We must be careful not to confuse data with the abstractions we use to analyze them." - **William James**

"To consult the statistician after an experiment is finished is often merely to ask him to conduct a post mortem examination. He can perhaps say what the experiment died of." - **R. A. Fisher**

I am, however, appalled by the fact that some publishers of statistics packages successfully hawk their wares with the pitch that it isn't necessary to understand statistics to use them." - **J. Cohen**

Introduction

In order to make pace with today's competitive research environment, it is essential that newly emerging sound statistical methodologies must be adopted for the collection and analysis of data. The subject of Statistics is now well developed and with the help of computers, it can handle any kind of analysis. It is very vital for the Technical Personnel, handling a vital part of data collection, entry and analysis, to be acquainted with the statistical techniques and use of computers. This course, therefore, aims to update their analytical skills and to provide them with an opportunity to study and learn some of the statistical analytical techniques of experimental data. The course is practical oriented and each technique would be followed by practical using software like MS Excel or SAS. Problems faced by the participants in analyzing the data would also be discussed in depth. This training is specially designed under the HRM unit of ICAR for the technical personnel working in animal and fisheries related ICAR Institutes or SAUs/ CAUs/ ICAR funded KVKs.

Objectives

- To familiarize the participants with the basics of the subject of Statistics and its applications to their respective fields
- To acquaint them in statistical analysis of experimental data for making valid inferences using MS Excel
- To familiarize the participants with the use of high end statistical software SAS
- To help in upgrading the capabilities and skills of the participants in statistical analysis of experimental data

Course Contents

The course has been structured in a series of classroom lectures followed by practical on computers. The course emphasizes on analysis of animal (like avian, buffalo, camel, cattle, equine,

goat, mithun, pig, sheep, yak, etc.) and fisheries experiments and the use of statistical software. E-manual will be provided to all participants. The participants are requested to bring with them one or two problems and data sets of their own field. There will be ample opportunity for every participant to express his/her problems in analyzing the experimental data.

The main topics that would be covered are:

- Software Familiarization: MS Excel, SAS
- Descriptive Statistics
- Data Processing and Management
- Presentation of Data: Tables and Reports
- Graphical Representation of Data
- Testing of Hypothesis
- Planning of Experiments
- Transformation of Data
- Basic Experimental Designs
- Crossover Trials
- Designs for Animal Breeding Trials

Venue

ICAR-Indian Agricultural Statistics Research Institute, Library Avenue, Pusa, New Delhi-12.

Duration

August 27 – September 01, 2018 (6 Days)

Climate at Delhi

The climate in Delhi is warm and humid in August and the days may be rainy. The temperature ranges from a maximum of 36°C to a low of about 26°C.

ICAR-IASRI (<http://www.iasri.res.in>)

ICAR-IASRI is a premier Institute, established in 1959, mainly responsible for conducting research and imparting education/ training in the field of Agricultural Statistics, Bioinformatics and Computer Applications. There are six divisions in

the institute and the Institute is equipped with the modern facilities that include:

- *Computing facilities:* The Institute has several computer laboratories well equipped with latest hardware and software packages along with modern teaching aids.
- *Library:* The e-library has rich collection of books and journals on Statistics, Computer Science and other related disciplines including on-line journals and bibliographic databases.
- *Guest house:* The Institute has a guest house with modest facilities to cater to the needs of the participants.

Eligibility

- Bachelor's Degree in any discipline.
- Working as Technical Personnel in any of the animal (like avian, buffaloes, camels, cattle, equines, goats, mithun, pigs, sheep, yaks etc.) and fisheries sciences ICAR Institutes or SAUs/ CAUs/ ICAR funded KVKs.
- Basic knowledge of Statistics and Computer.

Nominations

Interested technical personnel fulfilling the eligibility conditions may apply through proper channel. The participants will have to meet their TA/DA, boarding and lodging charges from their respective institute. However, training material, working lunch, session tea and other cost involved in the conduct of the training will be borne by ICAR-IASRI. Participants from SAUs/ CAUs/ ICAR funded KVKs will have to pay a fee of Rs. 4500/- per person.

Number of participants : 25

Last date for receipt of Application : 30.07.2018

Information to Selected Candidates : 01.08.2018

All correspondence may be addressed to:

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or

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