ISO-9001:2008

Training on Basic Statistical Techniques for Textile Research

November 15-17, 2016

Organized by

ICAR-Central Institute for Research on Cotton Technology (ICAR-CIRCOT)

D.A.R.E., Ministry of Agriculture & Farmers Welfare, Govt. of India

Adenwala Road, Matunga, Mumbai 400019 (MH) INDIA

Introduction

The ICAR-CIRCOT, located at Matunga, Mumbai, was established in the year 1924. ICAR-CIRCOT, a unit under the Division of Agricultural Engineering of the Indian Council of Agricultural Research (Department of Agricultural Research and Education, Ministry of Agriculture and Farmers Welfare, Government of India) is engaged in Research and Development of new technologies for better utilization of cotton and its by-products with following Mandate:

- Basic and strategic research on processing cotton and its agro-residues, development of value added products and quality assessment
- Skill development and business incubation services and function as referral laboratory for cotton fibres.

About the training programme

The programme is intended for the researchers in the field of Textiles. Research generates huge volume of data. In order to make research globally competitive, it is essential that sound statistical methodology be adopted for the collection & analysis of the data. With advancement of computing, use of sophisticated statistical technologies have attained greater importance in collection, analysis and interpretation of the scientific data.

Statistical methods are employed by researchers in planning the research, collection & analysis of data and presenting the research findings. Development in statistical application and use of computer have made it possible to examine data under varied perspective. The present training programme will provide the participants an opportunity to learn basic statistical techniques for planning the research and data analysis (using software) that will help them in interpretation of their results more meaningfully with a sense of reliability and confidence.

Objectives

The objective of this programme is to educate the participants about the fundamentals statistical techniques and give them an exposure to basic and advanced methods/tools of statistical computing useful in the field of Textile Research.
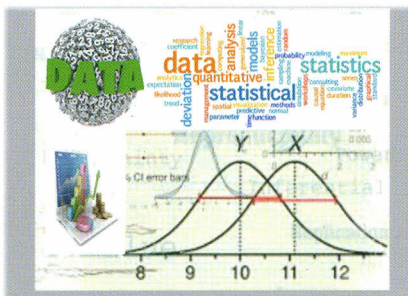
Course content

- Importance of statistics
- Descriptive and Inferential statistics
- Basics of Design of experiments
- Correlation and Regression analysis
- Test of significance and hypothesis testing
- Response Surface methodology
- Advanced statistical tools and statistical software
- Statistical analysis using excel
- Ethics in research, Common statistical errors, Use and abuse

Facilities Available

Statistical software's (Licensed Version):

- SAS(Statistical Analysis System)
- MATLAB (Matrix Laboratory)
- SPSS (Statistical Package for the Social Sciences)

Date and Venue

November 15-17, 2016 at ICAR- Central Institute for Research on Cotton Technology (CIRCOT), Adenwala Road, Matunga (East), Near Five Gardens, Mumbai 400019.

Accommodation

Guest house accommodation at ICAR-CIRCOT is limited and shall be provided at standard rate on first-come-first-served basis for 10 participants on sharing basis.

Fees

The Programme fee is **Rs 6,000 /- +15% service tax per person**. The charges includes course fee, course material, breakfast, and working lunch. The fee does not include travel, lodging, conveyance and other personal expenses. For students and NARS participants 50% concession in course fee will be given.

How to apply

The interested participants may send their application in the prescribed format which is also available on the website www.circot.res.in. The fee in the form of DD drawn/ at par Cheque in favour of "Director, CIRCOT" payable at Mumbai, may be sent to the below mentioned address so as to reach us on or before 9th November 2016 and NEFT transfer details of bank account available in registration form on website.

How to Reach CIRCOT

From Airport (Domestic)	:	10 km
From Airport (International)	:	12 km
Nearest Railway Station	:	Dadar (1.7 km)
Nearest Bus Stop	:	Kapol Nivas on Dr. B.R. Ambedkar Road, Matunga (E), and Five Gardens Bus Stop
Land Mark	:	Five Gardens

Organizers

Director : Dr. P. G. Patil, Director, ICAr-CIRCOT
Course Coordinator : Dr. C. Sundaramoorthy, Sr. Scientist, TTD,
Er. A. K. Bharimalla, Sr. Scientist & I/c Head, TTD,
Dr. R. Guruprasad, Scientist, MPD,
Er. P. S. Deshmukh, Scientist, TTD

Address for correspondence

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Learn...
Perform...
Earn.....

Designed by: Mrs. Laxmi Manoj Singh YP- II, TTD