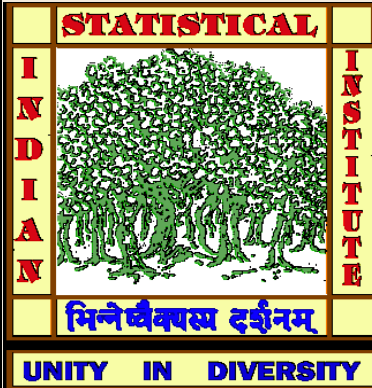
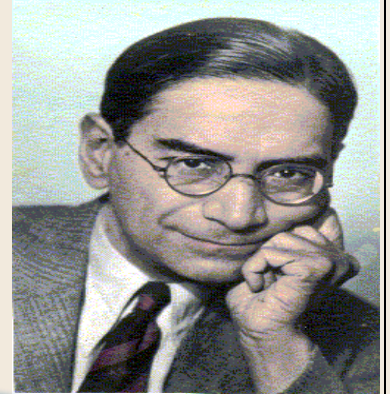


Indian Statistical Institute

SQC & OR Unit, Hyderabad



Announces Workshop on



Design of Experiments and Statistical Modelling

5th to 9th January 2015 (5 days)

Venue and Timing

Lecture Hall
Indian Statistical Institute,
Hyderabad
(0930 to 1730)

Registration Procedure

28th Nov. 2014 : Last date for submission of
filled registration form
5th Dec. 2014 : Last date for Payment of
Registration Fee
(Only after receipt of communication from Institute)

Contact Persons : G Murali Rao / K Venkata Ramana
E-Mail : doeworkshop@gmail.com, isihyd@gmail.com
Mobile : 09440577144 / 09849295892

Street No 8, Habsiguda, Hyderabad - 500007
Phone: (040) 27153984/2171906 Fax: (040) 27173602
Website: www.isihyd.ac.in

About the Workshop

This workshop is being organised with an objective to help Faculty Members, Researchers and Professionals to acquire the theoretical as well as applied knowledge of Design of Experiments (DOE) and Statistical Modelling Methods to enable them to transfer/apply the knowledge in their respective fields in an effective manner. The growing emphasis on manufacturing sector and need for innovative ideas to further the scientific temper which in turn assist in strengthening the research for design & development of new products & processes. The workshop is conceived to provide the latest developments in the field of DOE and modelling with the help applications.

Workshop Coverage

- Need for Designed Experiments & Optimization
- Statistical Preliminaries
- Basic Statistics, Probability and Distributions
- Inferential Statistics
- Fundamentals of DOE & Simple Designs
- Factorial & Fractional Factorial Designs
- Dr. CR Rao Orthogonal Array Designs
- Robust Designing using Taguchi Methods
- Graphical Data Analysis
- Regression Modelling and Diagnostics
- Statistical Modelling and Optimization
- Response Surface Methodology & Mixture Designs
- Multi-Response Optimization
- Overview of Design for Six Sigma (DFSS)

Target Participants

Faculty Members (from Universities, Degree and Engineering Colleges), Scientists, Research Fellows, Industrial Executives working in R&D and Quality functions etc.

Registration Fee :

Includes program kit,
Lunch, Tea/ Coffee
with biscuits

Faculty Member/Scientist	: Rs. 3,000/-
Research Scholar/Fellow	: Rs. 2,000/-
Students	: Rs. 1,000/-
Industry Professional	: Rs. 15,000/-

Registration Fee to be paid in the form of Demand Draft drawn in favour of Indian Statistical Institute, Payable at Hyderabad

Faculty : Senior Faculty members of the Institute and invited speakers from Industry.

Accommodation :

(Depending on availability)

Limited accommodation (Non-A/C and A/C rooms) can be availed by outstation participants **on sharing basis**. Rent : A/C Room : Rs 500/-
Non A/C Rooms : Rs 250/- (per day per person with breakfast & dinner)

Registration Procedure

1. **Download** and complete the registration form and mail it to doeworkshop@gmail.com as early as possible (last date 28th Nov 2014), **(DO NOT SEND THE REGISTRATION FEE)**.
2. Wait for the status communication from Workshop Secretariat (Last Date - 5th December 2014)
3. Send the registration fee **ONLY** after the receiving the communication of acceptance of your registration.

[Download
Registration form](#)

Limited Seats :

Registration will be purely on eligibility and first come first served basis. Send your completed registration form immediately

About the Institute

The Indian Statistical Institute (I.S.I.), founded by Professor Prasanta Chandra Mahalanobis, grew out of the Statistical Laboratory set up by him in the Presidency College in Kolkata in the year 1931. In 1959, in recognition of the role of statistics as a key technology of the modern times and the importance of the Institute in the development and application of statistics, the Parliament of India enacted the Indian Statistical Institute Act, declaring it an Institution of National Importance. The Institute is now considered as one of the foremost centres in the world for training and research in statistics and related sciences. In keeping with this long tradition, the Institute has been engaged in developing statistical theory and methods and their practical applications in various branches of science and technology. The major objectives of the Institute, as given in its Memorandum, are

- To promote the study and dissemination of knowledge of statistics, to develop statistical theory and methods, and their use in research and practical applications generally, with special reference to problems of planning of national development and social welfare;
- To undertake research in various fields of natural and social sciences with a view to the mutual development of statistics and these sciences;
- To provide for, and undertake, the collection of information, investigation, projects and operational research for purposes of planning and the improvement of efficiency of management and production.

The Institute initiated the Quality Movement in India as early as 1947. Through its SQC & OR Division the Institute is providing assistance to Indian industry relentlessly since then to achieve high quality and productivity at an affordable cost.

About the SQC & OR Unit, Hyderabad

The Statistical Quality Control and Operations Research (SQC & OR) Unit at Hyderabad of the Indian Statistical Institute was established in the year 1974 with the objective of helping industries in Andhra Pradesh and also industries of other states close to Hyderabad for promoting and propagating statistical and quality management methodologies. The SQC & OR Unit, Hyderabad is one of the major Units of the SQC & OR Division of the Indian Statistical Institute. SQC & OR Division was created by Professor Mahalanobis exclusively for helping the Indian industries in managing quality and productivity problems with the application of Statistical as well as Quality Management methodologies.

SQC & OR Unit, Hyderabad has immensely contributed to the SQC & OR Division's activities such as

- Playing a pioneering role in the Quality Movement in India and setting path for quality control and improvement activities for the Indian industries through promotion and applications of statistical and operations research methodologies.
- Serving the industries in India and abroad over the last five decades by providing training and consultancy on quality concepts and methodologies such as TQM, Taguchi Methods, Quality Function Deployment, Six Sigma, and Quality Systems.
- Collaborating and exchanging ideas with quality gurus. Some experts like Shewhart, Deming, Juran, Taguchi, Ishikawa, Ott, Tippet and Suda visited ISI at various points of time and interacted with ISI faculty.

Manufacturing, Automobile, Process, Service, Banking, IT, BPO & KPO industries, Research Institutions and Central & State Govt. Depts. have availed/availing the services of SQC & OR Unit Hyderabad.

Indian Statistical Institute, SQC & OR Unit, Hyderabad

Workshop on

Design of Experiments and Statistical Modelling

5th to 9th January 2015 (5 days)

Registration Form

(to be filled separately for each participant)

1. Name : Age : Sex : M/F
2. Category of participation : Institutional / Organization / Individual
3. Organisation/Institution :
4. Designation/Status
5. Department/Function :
6. Highest Qualification :
7. Years of Experience :
8. Address for Communication
9. Accommodation Requirement : Yes/No Type : AC / NON-AC

Email ID :

Mobile :

10. Briefly describe why you want to attend the workshop and how you would like to use this knowledge/skill in your working area/field.

Signature
Date