



FACULTY DEVELOPMENT PROGRAMME

Workshop on “Application of various statistical tools in research”

Date : 6th July 2019 (Saturday) Time: 10.00 am to 5.00 pm

Venue: **SIES College of Management Studies**,
Sri C.S.Vidyapuram, Plot 1-E, Sector V,
Nerul, Navi Mumbai – 400706
Phone: 022-6108 2400 / 6108 3400

About the Program

We have talented people, but as a country, we are lagging behind developed nations due to lack of Research Culture. India ranks 34th in Global spending in R&D. Studies have shown that organizations with deep research orientation have out-performed those with less Research pursuits.

Research as such helps organizations / institutions in foreseeing the upcoming trends & help bring just-in time changes in products & services , preempt inventory pile up and cost overruns & re-orienting their established marketing Strategies & Processes.

Challenges of research are many, especially pertaining to usage of appropriate statistical tools & methodologies. The above one-day program is designed keeping in mind all pre-requisite aspects needed for speedy research. During the workshop, the participants shall be given theoretical foundations of each statistical technique & hands on experience in executing appropriate analytical tools using the software SPSS, which is expected to immensely help any researcher, especially students doing their M Phil and PhD courseware.

Program Objectives:

The program aims at enabling the participants to -

- Acquire understanding of various statistical tools and its usage in Research
- Use of SPSS software for entering data, its analysis and interpretation for speedy decision making

Program Contents:**Part A: Coverage of various statistical tools**

1. Descriptive statistics like measures of central tendency and variation
2. Bi-variate analysis: Correlation and regression
3. Concept of testing of hypotheses
 - (i) Meaning of null and alternate hypothesis and errors in testing of hypotheses
 - (ii) Use of tests like Z test, t test, chi-square test and ANOVA.
4. Types of scales: nominal, ordinal, interval and ratio scale

Part B: Research Methodology

1. Steps in Research process
2. Sampling design: Different sampling methods and determination of sample size
3. Use of the software SPSS for entering data
4. Carrying out different tests for hypothesis testing using SPSS.

Pedagogy: Besides lecture & discussion, participants will get hands-on experience of using SPSS for data analysis and interpretation

Target Audience:

1. Researchers from academic institutions and Corporates
2. Research Scholars pursuing M Phil./Ph.D.
3. Faculty members and students who would like to gain deeper insights into conducting speedy research

Program Facilitator:**Dr. Sandeep Bhanot, Associate Professor, SIESCOMS**

Dr. Sandeep is an Electronics Engineer & MBA(Finance) from Mumbai University, has done Ph.D in Management from Mumbai University. He has around 22 years teaching experience in variety of subjects inclusive of Business Statistics, Operations Research, Decision Science, Research Methodology and Quantitative Models.

About SIES College of Management of Management Studies

Established in 1995, SIES College of Management Studies (SIESCOMS) at Navi Mumbai is an outfit of SIES and is a leading B-School in Mumbai and has over the years achieved a distinct position on a Pan-India basis. It is today ranked as one of the top B- Schools in the country. It also has accreditation from NAAC and ACBSP.

SIESCOMS is affiliated to University of Mumbai, approved by AICTE and is involved in teaching, training and promoting research in the fields of Management and Technology. The institution offers

several flagship courses that include Post Graduate Diploma in Management (PGDM), Pharmaceutical Management, Biotech Management, Masters in Management Studies (MMS), Masters in Computer Application (MCA) and also Executive MBA Program (AIMA-PGDM). It is known for its strong intellectual capital, innovation and high quality and value-based education over last 23 years.

For further details, visit our website: www.siescoms.edu

Nomination Process

Nominations can be sent in the following format along with the prescribed fee to –

SIES College of Management Studies, Plot 1-E, Sector V, Nerul, Navi Mumbai -400706

Name of Delegate/Company/ Institution:

Contact no /Mail Id:

Mode of payment- Cheque / on-line in favor of “SIES College of Management Studies” or on-line payments through NEFT.

The **bank details** for NEFT are

Account No. 855831103

Bank: Indian Bank, Vedha Pathshala Buiding, SIES campus, Adisankaracharya Marg, Sector V, Nerul East, Navi Mumbai-400706

IFSC code: IDIB000N110

CBS code: 01664

GST Registration Number : 27AAAAS6062R1ZV

Please apply on or before: 25th June 2019 along with registration details / fee as mentioned below

Please contact for any other details to:

1. Dr. Sandeep Bhanot, SIESCOMS or Call him at :
9324557290 or email to : bhanot.sandeep@gmail.com
2. Dr. R.K.Rao, Adj. Faculty , SIESCOMS or Call him at :
99670 11241 or send email to : progressive92@gmail.com

Participation Fee- Rs. 1500 + 18% GST. Fees Covers lunch / tea and course materials.