

Registration Fee in INR

	on or before 01-06-2018
Faculty Members & Others	4000/-
Research Scholars	3000/-
Students	1500/-

Accommodation (twin sharing) will be provided in University Guest house & Hostel on payment basis.

The duly filled in registration form should reach to the Convener/ Organizing Secretary on or before June 01, 2018. No TA/DA will be paid to the participants.

Payment Option

Name : Manipal University Jaipur
Bank Name : State Bank of India
Branch Name : Bhankrota, Jaipur
A/C Number : 31805980405
IFSC Code : SBIN0011396
MICR Code : 302002036

Contact Information

Convener

Dr. Pooja Sharma
Phone: +91-9351159929 (M), 0141-3999100(Ext. 231)
E-mail: pooja.sharma@jaipur.manipal.edu

Organizing Secretary

Dr. Ashish Kumar
Phone: +91-7725922864 (M), 0141-3999100(Ext. 331)
E-mail: ashish.kumar@jaipur.manipal.edu

The registration form and other workshop related information is available on URL:

<https://jaipur.manipal.edu/muj/news-events/events-list/Workshop-on-Statistics-Day.html>



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Patron

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MANIPAL UNIVERSITY
JAIPUR

Announces

NATIONAL WORKSHOP

ON

STATISTICAL AND OPTIMIZATION LEARNING IN MULTIDISCIPLINARY ARENA

IN CONJUNCTION WITH

NATIONAL STATISTICS DAY

JUNE 25th-29th, 2018



Organized by
Department of Mathematics & Statistics
School of Basic Sciences
Manipal University Jaipur
Dehmi-Kalan, Jaipur Ajmer Expressway-
Jaipur-303007
www.jaipur.manipal.edu

About MUJ

Manipal University Jaipur established in the year 2011, is a multi-disciplinary private university in Rajasthan. University campus is home to the best-in-class infrastructure including state of art research facilities and modern laboratories. In line with Manipal Group legacy of providing quality education to its students, the campus involves the latest technology to impart education. The university offers courses in various disciplines: Engineering, Management, Architecture & Design, Basic Sciences, Law, Humanities & Social Sciences and Hotel Management.

About SBS

The School of Basic Sciences has been established with an objective to introduce new courses of Basic Sciences and of Computer Applications at undergraduate, postgraduate and research level. The school is well equipped to carry out both teaching as well as research through its various departments namely Biosciences, Chemistry, Mathematics & Statistics and Physics. The School has developed syllabi for various core courses blend with of core science and interdisciplinary topics.

About Department

Department of Mathematics and Statistics with qualified and committed faculty members provides quality education to promote research activities in core and allied areas of Mathematics and Statistics. The Department enables students to excel in the areas of pure as well as applied Mathematics and Statistics.

In addition to the regular Mathematics and Statistics courses offered for B.Tech., BBA, BCA, B.Com., B.Sc.(Bio-Tech.), M.Sc. (Bio-Tech., Chemistry), M.Tech. programmes, the department offers B.Sc.(Pass Course), B.Sc.(Hons.), M.Sc. by Research, and Ph.D. programmes. The major research areas of the department are: Fluid Dynamics, Special Functions, Integral Transforms, Relativity, Ring Theory, Reliability Theory, Stochastic Process, Theory of Sample Surveys, Small Area Estimations, Information Theory, Inventory Control, Operations Research, Mathematical Modeling, Topology and Functional Analysis.

About the Workshop

Statistical data analysis plays a vital role in every field of teaching and research. When data size is sufficiently large, manual analysis becomes difficult and it consumes lot of money, time and resources. However, a number of computer software's available for handling the large (Big Data) data sets but demand of expert statisticians is increasing day by day. Due to this fact, it becomes the

largest growing field and therefore a lot of opportunities arise in medical, research, industrial sectors as a data analyst for those who are well-furnished with statistical software's. The main objective of the workshop is to make aware the researchers about statistical tools and techniques like data mining that are useful in research and academics by using statistical packages like SPSS, Minitab and R. This workshop will benefit researchers about effective use of these software's. This will allow the participants to use various statistical tools in their respective fields of research. In addition, it will be helpful for improving the data analysis skills and better interpretation of results. During the workshop the lectures will be delivered by Eminent Statisticians.

About National Statistics Day

On June 29, every year, National Statistics Day is celebrated to mark the birth anniversary of Prof. Prasanta Chandra Mahalanobis, a renowned and eminent Statistician. The government of India, in 2007 decided to acknowledge the outstanding contributions made by Prof. P.C. Mahalanobis in the fields of economic planning and statistical development and hence designated 29th June as the National Statistics Day to celebrate Prof. P.C. Mahalanobis's birth anniversary. The very first national statistics day was celebrated on 29th June 2007 and this year 29th June 2018, is marked its 12th anniversary.

Contents of the Workshop

The workshop anticipates to cover the following topics: Introduction to SPSS, Minitab & Essentials of R, Descriptive statistics, Correlation, Linear and Multiple Regression Models, Applications of Hypothesis Testing, Applications of Non-Parametric Tests, ANOVA, MANOVA, Various Multivariate Techniques such as Factor Analysis, Cluster Analysis & SEM, Bayesian Analysis, Simulation and Modeling, Introduction to Time series analysis, Small Area Estimation. Optimization Techniques, Reliability Modeling and Analysis & Data Mining Techniques.

Resource Persons

Prof. S.C. Malik (MDU, Rohtak)
Prof. Athar Ali Khan (AMU, Aligarh)
Prof. Aquil Ahmed (AMU, Aligarh)
Prof. P.C. Jha (DU, Delhi)
Dr. Jitender Kumar(CU, Rajasthan)
Dr. Piyush Kant Rai (BHU)
Dr. Mukender Singh Kadyan (KU, Kurukshetra)



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NATIONAL WORKSHOP ON STATISTICAL AND OPTIMIZATION LEARNING IN MULTIDISCIPLINARY ARENA

IN CONJUNCTION WITH

NATIONAL STATISTICS DAY
JUNE 25th-29th, 2018

Registration Form

Name: _____

Designation: _____

Affiliation: _____

Address: _____

Telephone: _____

Email: _____

Accommodation requirement: Yes/No

Ref. No. _____

Date: _____

Bank: _____

Date:

Place:

Signature