

Workshop on Data Analytics for Advanced Research using Multivariate Analysis (March 26-28, 2020)



**Organized by School of the Humanities
and Social Sciences**



SCHOOL OF HUMANITIES & SOCIAL SCIENCES

The School of the Humanities and Social Sciences offers doctoral programs in Economics, Psychology, Management, Entrepreneurship, Communication Skills & English Literature. The School runs Masters' Program in Clinical and Counselling Psychology. The School has MOU with the University of Groningen, The Netherlands for Clinical Psychology Program. The faculty of school teaches courses in Humanities and Social Sciences to undergraduate and postgraduate students of the Institute. These courses are aimed at developing students to become effective business managers in their careers besides inculcating in them an understanding of values, culture, and heritage.

THAPAR INSTITUTE OF ENGINEERING & TECHNOLOGY

Thapar Institute of Engineering and Technology (TIET) is one of India's oldest and finest educational institutions, which provides a steady source of highly skilled talent to the nation as well as overseas. Founded in 1956 has been a pioneer in engineering education, research, and innovation.

Rated amongst the top-ranked innovation-driven private universities and technical

institutes in the country, Thapar Institute of Engineering & Technology has been accredited with an 'A' grade by the National Assessment and Accreditation Council (NAAC). At Thapar, we continuously evolve our teaching methods and provide quality education to our students, whom we see as unique individuals with different interests and aspirations.

ABOUT THE WORKSHOP

Workshop on Data Analytics for advanced Research using Multivariate Analysis is being conducted to enhance the capability of conducting quality research among research scholars, faculty, and practitioners engaged in various disciplines of Social Sciences, Humanities, and Management. Seeing the response of earlier workshops, this Research Methodology Workshop-V5 is themed 'Data Analytics for Advanced Research using Multivariate Analysis.'

The workshop is designed to expose the participants' to advanced research methods and modelling to enable them to conduct research effectively and fruitfully. Such a course will be of immense utility to all budding researchers if they want to equip themselves with advancements in modern information sources, power of analytics, multi-utility statistical software'.

WHO SHOULD ATTEND?

1. Faculty members
2. Research Scholars pursuing their Ph.D. in Management/Social Sciences/Engineering/Sciences using Multiple Regression Analysis, SEM Modelling using SPSS-AMOS, or PLS-SEM.
3. Practitioners in allied fields/industry.

NUMBER OF SEATS

The total number of seats is 40. No TA and DA will be paid to the participants. Participation Certificates will be given.

TOPICS TO BE COVERED

Days	Topics
Day 1	Introduction to Research; Research Design and Hypotheses Development. T-Test, Z- Test, Chi-Square & ANOVA
Day 2	MANOVA; Multiple Linear Regression; Time series and Panel Data Analysis; Dummy Regression Analysis; Logistic Regression Analysis
	Exploratory Factor Analysis (EFA); Confirmatory Factor Analysis (CFA)
Day 3	Structural Equation Modelling (SEM); SPSS AMOS and PLS-SEM
	Multi-Discriminant Analysis (MDA)

IMPORTANT DATES

Last date for receipt of completed application form	March 20, 2020
Workshop Dates	March 26-28, 2020

PROGRAMME FEE

Participants	Fee (in INR)
Research Scholars	2,500 + 450*
Faculty Members	5,000 + 900*
Participants from Industry & Research Organizations	8,000 + 1440*

* 18% GST Payable Extra.

** Extra amount will be charged for Accommodation and Dinner.

HOW TO APPLY

Interested candidates upon the successful payment of workshop fee can fill the details of their candidature and payment through the following google link:

<https://forms.gle/KznozyBXsotYJW979>

PAYMENT

The workshop fee should be paid through online mode (NEFT/IMPS). The account details are as follow:

Beneficiary Name: Thapar Institute of Engineering & Technology

Account Number: 398101000011

IFSC Code: ICIC0003981

Branch: Thapar University

Branch Code: 003981

GSTIN: 03AAAAT4247P1Z9

Place: Patiala

WORKSHOP COORDINATORS & ORGANISING COMMITTEE

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