



**BML MUNJAL
UNIVERSITY™**
A **HERO GROUP** INITIATIVE




SUMMER SCHOOL ON RESEARCH METHODS

20th May - 29th May 2019

**SCHOOL OF MANAGEMENT
BML MUNJAL UNIVERSITY**

BML Munjal University (BMU) seeks the advancement and dissemination of practically -oriented knowledge benchmarked with the best global standards. Towards this endeavor, the School of Management (SOM) is organizing a “Summer School on Management Research Methodology” with the primary objective of providing support to academicians and researchers as a one-stop learn, share and hands-on-training sessions in Multivariate Analysis and Time Series Analysis from the best in the field. At SOM we understand the importance of imbibing scientific ways of solving problems to create a positive impact. Hence this program is designed for research scholars & faculty members from the area of Management as well as for research-focused Industry practitioners. The summer school is going to expose the participants to a wide range of methodologies used for undertaking research in the Management discipline and intends to bring together faculty instructors from prestigious institutions from across India to share their expertise on the latest trends. This workshop covers two broad areas of analysis methodologies namely Multivariate Techniques and Time Series Analysis. The sessions are scheduled in a way that the participants may choose to attend either one or both the tracks. Day 1, 2, 3, 9 and 10 are common to both the tracks.

Day	Date	Content	
Day 1	Mon, May 20	Welcome and Introductions Types of Distributions and Hypothesis Testing - t-test, z-test	
Day 2	Tue, May 21	Hypothesis Testing F-test, Chi-square test and one-way ANOVA	
Day 3	Wed, May 22	Simple and Multiple Regression (OLS): Assumptions, Estimation and Residual Analysis	
Day 4	Thu, May 23	Track -1 Multivariate Methods (Timings: 8:30AM to 1:30PM) EFA, Introduction to SEM, Choosing between CB-SEM and PLS-SEM, Types of Constructs (Reflective and Formative)	Track -2 Time Series Analysis with R (Timings: 2:30PM to 7:30PM) Univariate Time Series Modeling (MA, AR, ARIMA, Autocorrelation functions, Selection Criteria)
Day 5	Fri, May 24	CFA, Measurement Model Assessment, Model Fit Indices (Validity and Reliability Testing)	Estimating and Forecasting Conditional Volatility (ARCH, GARCH Models) and Applications
Day 6	Sat, May 25	Structural Model Assessment, Path Analysis, Interaction Effect, Bootstrapping Technique	Asymmetric Volatility Modelling and Forecasting (EGARCH, GJR, Models)
Day 7	Sun, May 26	Mediation and Moderation & Multi Group Analysis	Multivariate Models-Vector Auto Regression, Value At Risk
Day 8	Mon, May 27	Addressing Observed and Unobserved Heterogeneity using Finite of Mixture (FIMIX) and Prediction Oriented Segmentation (POS) Techniques	Robustness (Stationarity and Unit Root Testing) and Testing for Long Run Relationships
Day 9	Tue, May 28	Panel Data Analysis (Fixed effect, random effect, Hausman test)	
Day 10	Wed, May 29	Panel Regression (Autoregressive Distributive Lag Model)	Ms Sangeeta Menon Publishing Relationship Manager – India Guide to Getting Published (Emerald Publishing) Valediction 

Who Should Attend

Doctoral Scholars, Academicians pursuing active research, management educators and, Research-oriented practitioners.

Venue and facilities available

The summer school will be conducted in our lush, green campus premises at BML Munjal University. Food and lodging arrangements will be provided at our campus guesthouses on the days of the school. Being a residential program, the participants would have access to our Bloomberg Terminal and get an opportunity to acquire a Bloomberg Certification. Participants can also take use of all our online (EBSCO) and offline library databases. Additionally, the participants will also be provided with the session recordings and get ample opportunity to access our labs for practice sessions

Fee Details

Participants to the Summer School can choose to opt for one or multiple tracks. The Tracks and the corresponding fee details are provided below:

Track 1: Day 1, 2, 3, 9,10 are common, **Day 4-8 Multivariate Analysis** in the first Half, Hands-On sessions in the later half

Track 2: Day 1, 2, 3, 9,10 are common, **Day 4-8 Time Series Analysis with R** in the Second Half, Bloomberg Certification and Hands-On sessions in the first half

Track 3: Both - Track 1 & 2 along with Hands-On training from 9:00 pm till 11:00 pm

Participants	Track 1	Track 2	Track 3
Doctoral Scholars	INR 10,000/-	INR 10,000/-	INR 12,500/-
Faculty Members	INR 15,000/-	INR 15,000/-	INR 20,000/-
Industry	INR 18,000/-	INR 18,000/-	INR 30,000/-

NB:

- Participants can avail an early bird discount on 10% the total fee if they register by 1st of May 2019.
- GST amount of 18% is applicable on the program fee (GSTIN - 06AAAJB1227C1Z3).
- Last date of registration is on 13th May 2019.
- Registration fee includes accommodation, food and other refreshments during breaks on all days.
- Full recording of all the sessions along with the soft copy of the study materials also be provided to all participants.

Payment Mode

Preferred mode of payment is Netbanking. (For any other mode of payment – such as DD, please contact the program coordinator)

The details of the Bank is provided below:

Beneficiary Name	: BML MUNJAL UNIVERSITY	Bank Name	: Yes Bank Ltd.
Type of Account	: Saving	Account Number	: 001694600000631
IFS Code	: YESB0000016	Address	: D-12, South Extension Part-II, New Delhi-110049

For Registration

Use link <https://tinyurl.com/BMU-summer-school> for the registration

SOM @ BML Munjal University

BML Munjal University (BMU) seeks to transform higher education in India by creating a world class and innovative teaching, learning and research environment. Founded by the Hero Group and mentored by Imperial College, London, BMU is a not-for-profit initiative offering undergraduate and post-graduate courses with an aim to nurture ethical leaders who are not only knowledgeable but possess the desired life skills needed to lead organizations to success. The School of Management (SOM) at BMU in addition to offering regular management courses of BBA, MBA and PhD also offers courses that are designed to address the following specializations - MBA in Business Analytics, MBA in Forensic Accounting and Corporate Fraud and MBA in Finance and Investment Banking. What sets us apart are our BBA specializations too, these are in the areas of Analytics as well as Family Business & Entrepreneurship.

For queries, contact

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