



# JAMAL MOHAMED COLLEGE (AUTONOMOUS)

Accredited A++ Grade by NAAC (4th cycle) with CGPA 3.69 out of 4.0  
(Affiliated to Bharathidasan University)  
Tiruchirappalli -620020



## JAMAL INSTITUTE OF MANAGEMENT

**Building Values and Leadership**

(Approved by AICTE, New Delhi)

**Organising**

**NATIONAL LEVEL**

**FACULTY DEVELOPMENT PROGRAMME**

**ON**

**ADVANCED DATA ANALYTICS**



IN MANAGEMENT STUDIES



IN MANAGEMENT STUDIES

### FOR WHOM ?

Faculties in Arts, Humanities and Scientific Disciplines, Faculties who are pursuing Research and Doctoral degree

### MODULES

**Day 1: 27-01-2025**

Data Diagnostics-Data matrix-Testing Univariate and Multivariate Normality-Reliability-Cluster analysis

**Day 2: 28-01-2025**

Multiple Regression analysis-Multivariate Multiple Regression analysis-Logistic Regression analysis-Multinomial Logistic Regression analysis

**Day 3: 29-01-2025**

Discriminant analysis-Chi-square Automatic Interactive Detector(CHRID)-Classification and Regression Trees (CRT)-Neural Networks

**Day 4: 30-01-2025**

Structural Equation Modelling-Exploratory Factor analysis-Confirmatory Factor analysis-Measurement Model-Structural Model-Fit Indices

**Day 5: 31-01-2025**

Cutting edge Statistical Software –Exclusive Interaction With Faculties based on their Publications, Research topics.

**27<sup>th</sup> – 31<sup>th</sup> JAN 2025**

### RESOURCE PERSON



**Dr. G. S. DAVID SAM JAYAKUMAR**  
Associate Professor  
Jamal Institute of Management  
Jamal Mohamed College (Autonomous)  
Tiruchirappalli

### RESOURCE PERSON

Dr.G.S. David Sam Jayakumar is an Associate Professor of Finance and Analytics chair in Jamal Institute of Management, Jamal Mohamed college, Trichy, Tamil Nadu, India.He is a Quant and a specialist in teaching Quantitative methods, Operations research,Business analytics, Research methodology and Security analysis & Portfolio management nearly 2 decades and also handling more than 4 mathematical and statistical softwares. He headed as a resource person for many workshop's and faculty development programmes especially in Data analytics and Research methodology in management. He Published more than 85 research Publication for his credit in various Indexed Journals like Web of science, Scopus Indexed and ABDC.He is also a Blind Peer reviewer in many reputed Journals Such as IEEE Access, Journal of Applied statistics, Communication in Statistics-Theory and methods, Communication in Statistics—Simulation and Computation, Brazilian Journal of statistics.To his credit he published more than 13 Multivariate probability distributionin his own name as Sam- solai's Probability distribution and introduced new statistical techniques such as Squared Mahalanobis rank distances, Del distribution in Model selection and many new probability & sampling distributions for Regression diagnostic measures. In theyear 2018, he received best senior researcher award in recognition of his outstanding achievements and contributions towards research which is given by the Management if Jamal Mohamed college. At present, he is publishing papers in Core finance, applied statistics and Mathematical statistics. So far he Peer reviewed more than 170 research papers to various indexed Journals and 3 Doctoral students were awarded under hisresearch guidance. To his credit, his vidwan score is 9.2 out of 10 and Research Interestscore in Research gate is 411.5 with 41,985 reads and 245 citations.

### FDP DETAILS

**Program Timing: 2.00 pm - 5.00 pm**

**Registration Fee: 1,000/- INR**

**Methodology:Talk, Presentation, Hands-on-session and Discussion**

**Duration: 27<sup>th</sup> - 31<sup>th</sup> January 2025**

### REGISTRATION LINK

