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**Dr. Justin Nelson Michael**, Director, Centre for Research

### FDP Coordinator

**Dr. Saket Ranjan Praveer**  
Professor, School of Management

### FDP Co-coordinators

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### Further Communication

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**Kristu Jayanti College**  
AUTONOMOUS Bengaluru  
Reaccredited A++ Grade by NAAC | Affiliated to Bengaluru North University



# SCHOOL OF MANAGEMENT

organises

National Level

Faculty Development Programme (FDP)

on

MASTERING DATA ANALYSIS

with

SPSS AND STRUCTURAL EQUATION MODELLING (SEM)

October 1 – 9, 2024

<https://www.kristujayanti.edu.in/>



## About the College

Kristu Jayanti College, Autonomous, Bengaluru embodies the educational vision of St. Kuriakose Elias Chavara (1805-1871), the founder of the religious congregation, Carmelites of Mary Immaculate (CMI). Kristu Jayanti College was reaccredited by NAAC with the highest grade of 'A++' in 2021 with a CGPA score of 3.78 and is an Autonomous College under the Bengaluru North University. The College incorporates a traditional academic setting with a cutting-edge technology. With refreshing environment, beautiful scenery and moderate climate, it provides an atmosphere which is conducive for effective training and learning programmes. The Institution strives to fulfil its mission to provide educational opportunities to all aspiring youth to excel in life by developing academic excellence, fostering values, creating civic responsibility and building global competencies in a dynamic environment.

## School of Management (MBA)

School of Management, Kristu Jayanti College, Autonomous, a pioneer institute to pursue knowledge beyond the traditional boundaries, offers MBA, MBA International Finance, MBA Business Intelligence and Analytics, MBA International Business and MBA Fintech. The two-year full-time programme spanning over Six Trimesters is autonomous, affiliated to Bengaluru North University and approved by the All-India Council for Technical Education (AICTE). The school has also received the international accreditation from Accreditation Council for Business Schools and Programs (ACBSP), USA in 2020. The school's pedagogy comprises of a mix of theoretical learning, field based experiential learning and activity-based learning. Jayantian MBA graduates have the strategic perspective, business knowledge and excellent management skills to deliver strong performance while making a positive impact on society and environment. The College is awarded 'The Best Autonomous College' for integrating technology in Education in 2022. Kristu Jayanti School of Management is ranked 64 among the B -Schools in the country, 20 among the B-Schools in the South Zone & 7 among the B-Schools in Bengaluru (Business Today- MDRA Best B-School Ranking Survey 2023). The innovative teaching pedagogy of the school, ' Abhigyan-Learning Management through Theatre', was featured among the five finalists at the Indian Management Conclave by MBAuniverse.com hosted at IIM, Bangalore in 2018.

## About the FDP

Data-based research has begun holding a big lead in the changing academic ecosystem. Interdisciplinary, Applied, Inferential and Predictive studies with big and diverse data are playing pivotal roles in the contemporary research environment. School of Management, Kristu Jayanti College, Autonomous is organising a 7-Day Faculty Development Programme (FDP) on Mastering Data Analysis with SPSS and Structural Equation Modelling (SEM). The FDP aims at unlocking the power and mystery of data. This intensive workshop is designed for educators and researchers seeking to enhance their analytical skills for data handling. It is intended to help the participants learn SPSS for comprehensive data management and statistical analysis, dive into the intricacies of SEM to model complex relationships and validate theoretical frameworks. The focus is to provide practical insights and techniques to elevate research capabilities; turn data into actionable insights; and drive evidence-based decision-making in academic and professional endeavours.

## Objectives of FDP

- To develop a comprehensive understanding of SPSS and SEM;
- To introduce data management and dynamic graphics;
- To equip with popular SEM software tools such as AMOS; and
- To integrate SPSS and SEM techniques with research projects.

## Programme Outcome

At the end of the Faculty Development Programme, participants will have a comprehensive understanding of the application of SPSS and SEM; developing the research frameworks; and analysing diverse and big data.

## Duration

The seven-day FDP will be conducted from 1<sup>st</sup> – 9<sup>th</sup> October, 2024. The sessions will be conducted through online mode.

## Registration and Certificate

Registration fee is Rs. 1000 (Registration fee once paid will not be refunded). Deadline to register is September 30, 2024. Ecertificates will be issued for participants who attend all the sessions of the FDP.

## Schedule

Session	Date	Topic
1	Oct 01	Introduction to SPSS and Structural Equation Modeling (SEM)
2	Oct 03	Major Parametric and Non-Parametric Tests
3	Oct 04	Cluster Analysis
4	Oct 05	Conjoint Analysis
5	Oct 07	Graphics, Data and Path Analysis, Variance and Co-Variance Analysis
6	Oct 08	Factor Analysis: EFA and CFA - SPSS vis-à-vis AMOS
7	Oct 09	Linear and Logistic Regression Modelling

## For Payment and Registration



<https://portal.kristujayanti.edu.in/event-national-level-faculty-development-programme-on-mastering-data-analysis>