

WHO CAN PARTICIPATE

This programme is designed to be of use to Researcher in management sciences looking at developing their data analysis skill. It will also be useful to those who teach courses like research methods or marketing research advanced data analysis methods as a module.

PEDAGOGY

The FDP will be skill oriented and would emphasize on data analysis using SPSS/AMOS and R. It would also be a Lectures/ Presentations; Case let study and hands on Software demonstration.

REGISTRATION FEE

Industry Delegates : ₹ 3000

Faculty Members : ₹ 2000

Research Scholars (Full time) : ₹ 1000

Payment can be made through a Demand Draft drawn in favor of "The Principal, Kristu Jayanti College" Payable at Bangalore.

The Registration Fee includes Workshop Kit, Lunch and Refreshment

Accommodation can be arranged in on Prior Request

Organizing Committee

Patron

Rev. Fr. Josekutty P. D., CMI

Principal

Advisors

Rev. Fr. Augustine George CMI

Vice Principal

Rev. Fr. Lijo P Thomas, CMI

Financial Administrator &

Head, Dept. of Computer Science

Rev. Fr. Som Zacharia, CMI

Director, Library & Development

Rev. Fr. Emmanuel, CMI

Faculty, Dept. of Psychology

Programme Chair

Dr. Aloysius Edward J.

Dean, Faculty of Commerce & Management

Programme Co-chair

Dr. Vijaya Baskaran

Head, School of Management

FDP Coordinator

Dr. J. Ashok Kumar

Assistant Professor, School of Management



Kristu Jayanti College

AUTONOMOUS

Bengaluru

Reaccredited 'A' Grade by NAAC | Affiliated to Bangalore University

School of Management (MBA & PGDM)

Faculty Development Programme (FDP) on

ADVANCED DATA ANALYSIS FOR RESEARCH

Date : November 29 &30 2016

How to reach Kristu Jayanti College, Bengaluru

From Majestic BMTC Bus Stand – Platform 19 : Bus Route – 292B, 292C

From K.R. Market : Bus Route – 292, 292D, 293C

From Vasanth Nagar/Cantonment Station/Bangalore East Station : Bus Route – 292, 292B, 292C, 292D, 292F, 293C

Nearest Railway Station : Bangalore East (8 kms)/Cantonment (10 kms)

By Air : Bengaluru International Airport (28 kms)

Address for Communication

School of Management (MBA & PGDM)

Kristu Jayanti College, Autonomous

K. Narayanapura, Kolthnur P.O., Bengaluru – 560077, Karnataka, India. Ph : +91-80-28465611 / 28465353 / 28465770

Fax : +91-80-28445161. Mobile : 91-9620880227 / 91-7204644177 / 91-9449987689 | e-mail : fdp16@kristujayanti.com



THE INSTITUTION

Kristu Jayanti College is an incarnation of the educational dreams of Saint Kuriakose Elias Chavara (1805-1871), the founder of the religious congregation, Carmelites of Mary Immaculate (CMI). He envisioned the sunrise of a renewed humanity through the integral development of mind, body and spirit. The motto of the college, Light and Prosperity, aims at this synthesis and the harmony of the spiritual and the physical, the mind and the body. The curriculum and the co-curricular activities are the basic structures acting as springboards to step into the mystery of human life and beyond.

Kristu Jayanti College is reaccredited by NAAC with 'A' Grade in 2015 and is an Autonomous College under Bangalore University. Housed in a spacious campus, 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 College is ranked 3rd, 4th and 5th in Commerce, Arts & Science among top 10 Colleges in Bangalore and 16th, 22nd and 24th best Commerce, Science and Arts College in India by India Today Nielsen Survey 2015.

The institution strives to fulfill 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 & PGDM)

School of Management was established in the year 2002 with an objective of shaping young managers to meet the growing demand of management professionals for the industry. The School offers 2 years full time PGDM and the MBA programme affiliated to Bangalore University and approved by AICTE. The School encourages continuous quality interface with industry through internship, projects, workshops, seminars, MDPs, FDPs, Lectures, Six Sigma Green Belt Certification etc. It aims to develop budding managers with a sense of initiative and accountability. It ensures the holistic development of its students, thereby making them intellectually, socially, physically and spiritually balanced human beings. Management programme (MBA & PGDM) is ranked among the top in leading B School surveys.

PROGRAMME OBJECTIVE

Understanding the various statistical techniques requires to analysis data related to multiple variables. This programme is designed to provide an interactive platform to enhance the understanding of such techniques as well as hands on experience in analyzing data using statistical software and interpreting the outputs. Participants will learn about the use of various multivariate methods in research, how to design the study to collect the data amenable for such analysis and issues involved in coding ,editing , analyzing and reporting the research data.

RESOURCE PERSONS



Dr. R. RAVANAN

Head, Dept. of Statistics & Dean Research Council, Presidency College, Chennai

Prof. Ravanan has more than 26 years of research, consultancy and teaching experience in the application of Statistics to Bio-statistics especially in the estimation of HIV/AIDS. He has extensive experience in the application of statistical concepts to HIV/AIDS. He has been teaching and training Advanced Operation Research, Stochastic Processes, Statistical Inference and Multivariate methods to Post Graduate students and researchers and have

provided consultancy support to scientists in the field of biomedical sciences and was part of multi-disciplinary research teams in charge of providing statistical guidance. He has more than 21 years experience in using statistical software's SPSS and AMOS.



Dr. VINOD KUMAR MURTI

Academic Head – Business Analytics & Financial Services,
I Nurture Education Solutions Pvt Ltd, Bangalore.

Dr. Vinod Kumar Murti is an Industry turn academician who has a vast experience of 17 years in Engineering Industry and 15 years in academics. Dr Vinod holds an Engineering Degree (B.E.) in Mechanical discipline, an MBA in Finance and Marketing and PhD in Finance. Dr. Vinod is at present associated with "I Nurture Education Solutions Pvt Ltd",

Bangalore at the capacity of Academic Head – Business Analytics & Financial Services. Prior to his present role he was associated with Dr Gaur Hari Singhanian Institute of Management and Research, Kanpur as Area Head – Finance. He has been teaching subjects like Security Analysis and Portfolio Management and International Financial Management. Dr. Vinod loves to share his knowledge about SPSS (Statistical Package for Social Sciences), SAS, R and Excel and has conducted several workshops/FDPs on Data Analysis.

SCHEDULE

Date	Time	Topics
Nov. 29 2016	9.00 – 10.30 AM	Inauguration and Multivariate Analysis using SPSS 1. Multiple Regression Analysis 2. Exploratory Factor Analysis (EFA)
	10.30 – 10.45 AM	Tea/Coffee
	10.45 – 1.00 PM	Structural Equation Model (SEM) using AMOS 1. Model Fit Summary 2. Goodness of Fit Index (GFI) 3. Adjusted Goodness of Fit Index (AGFI) 4. Normated Fit Index (NFI) 5. Comparative Fit Index (CFI) 6. RMR 7. RMSEA
	1.00 – 1.45 PM	LUNCH BREAK
	1.45 - 3.30 PM	Confirmatory Factor Analysis (CFA) using AMOS 1. Average Variance Extracted (AVE) 2. Construct Reliability (CR) 3. Convergent Validity 4. Discriminant Validity
	3.30 – 3.45 PM	Tea/Coffee
	3.45 – 5.00 PM	1. Workout Exercise 2. Preparation of Questionnaire
Nov. 30 2016	9.00 – 10.30 AM	Basics of R
	10.30 – 10.45 AM	Tea / Coffee
	10.45 – 1.00 PM	Descriptive Analysis and Graphical Presentation
	1.00 – 1.45 PM	Lunch Break
	1.45 - 3.30 PM	Hypothesis Testing
	3.30 – 3.45 PM	Tea / Coffee
3.45 – 5.00 PM	Non Parametric Tests	