

## Information

Registrations will be on first paid rather than first come basis. Seats are limited and there will be no refund of registration fees. Certificate of participation will be provided to all attendees. Limited accommodation at MDC guest house in the campus can be made available for the participants on payment basis, wherein a separate request must be sent by email (Sub: FDP-Case Workshop) to Mr. Ajit Kumar Das (ajitkumar@xub.edu.in) (Cell: 7978860185) post registration, who will then confirm the booking depending on availability of rooms.

### **Money Transfer**

Beneficiary Name: Xavier Institute of Management-PSRA

Beneficiary Address: Xavier Square,  
Bhubaneswar-751013

Bank Details-SBI, Fortune Towers Branch,  
Bhubaneswar-751023

Bank A/c no- 00000034916884919

IFSC- SBIN0004414

SWIFT Code- SBININBB589

Education in the spirit of 'Magis'



*“Enabling people to live extraordinary lives, and be the light for the world”*

## Workshop Facilitators

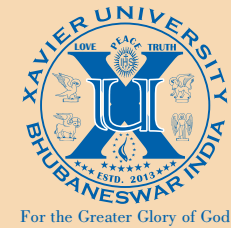
**Arun Kumar Paul** (B.Tech. Hons. (IIT- KGP), FPM (XLRI) is a Professor in Operations Management and has over 26 years of industry experience for Tata group of companies. He teaches electives in Quantitative Methods and Operations Management. He was awarded a National Education Leadership Award in 2013 as best teacher in Operations area.

**Bhaskar Basu** (PGDBM (IIM-Calcutta), PhD (IIT-KGP) is a faculty member of Information Systems in XIMB having around 25 years of work experience in academia and industry. He is an avid user of SPSS for courses in Information Systems and Operations Management. He is the recipient of 11th DNA Innovation Education Leadership award 2019 in Information Systems area.

**Rahul Kumar** (BE(BITS-Mesra), FPM(IIM-Ran) is an Assistant Professor at XIMB, in the area of Decision Sciences. Prior to joining XIMB, he was working as an Analytics Consultant in Infosys Consulting Ltd. He is a Fellow of Management from IIM Ranchi in Information Systems and Analytics. His research interests include business analytics, machine learning, data and text mining.

**Sandipan Karmakar** (B.Tech (NIT-Jalandhar), M.Tech & Ph.D (IIT-KGP), is Area Coordinator of Decision Sciences at XIMB. Before joining XIMB, he has been associated with NIT, JSR as a faculty of Production and Industrial Engineering. His research interests lie in Bayesian Machine Learning and Optimization in the interface of Manufacturing and Management domains.

**Xavier Institute of Management  
Xavier University Bhubaneswar**



## FACULTY DEVELOPMENT WORKSHOP

### WORKSHOP ON SPSS (IBM)

**JUNE 13 - 15, 2019**



**Coordinator: Prof. Bhaskar Basu**

Visit [www.ximb.edu.in](http://www.ximb.edu.in) for details

## Introduction

Xavier University Bhubaneswar (XUB) has established itself as a pioneer institute delivering quality management education to bright students from all over the world. The Xavier University came into being with the Government of Odisha passing the Xavier University Act in June 2013. It inherits the legacy of XIMB (Xavier Institute of Management Bhubaneswar), a premier world class B-School in the country. The University lives up to its vision of faith and spiritual inspiration and strives to build a just and humane society.

XIMB is Xavier University's flagship business management institute which, over the past 30 years has been recognized as a premier Business School in the country. It aspires to lead the country in management education by focusing on research and innovation. Our intellectual capital rankings have been in the top ten in the country consistently. It offers full-time MBA, Executive MBA, EMBA-Analytics and PhD programs.

## Workshop Objectives

- Master the operation of SPSS and use it confidently
- Learn the Different Types of Descriptive and Inferential Statistics in SPSS
- Choose the Right Statistical Technique to Analyze Data in SPSS
- Understand Multiple Regression, Exploratory Factor Analysis and Cluster Analysis
- Use Structural Equation Modeling, Path Diagram and Confirmatory Factor Analysis

## Workshop Schedule

### Thursday, June 13, 2019

- 9.30 am to 10.00 am : Welcome and Introduction of Participants / Facilitators (Prof.) (Dr.) Fr. Paul Fernandes, S.J., Director (XIMB) and Vice Chancellor (Xavier University)
- 10.00am to 11:30am: Introduction to SPSS 25, Starting SPSS, Creating Variables, Data and its types, Importing Data into SPSS, Visual & Optimal Binning, Creating New Variable (compute functions), Re-code into same/different variables, Visual Binning, Creating New Variable (compute functions), Re-code into same/different variables(Prof. Arun Kr. Paul)

- 11:30 am to 11:45 am : Tea/Coffee Break
- 11:45 am to 1:15 pm : Graphs & Charts, OLAP Cubes, Summary Statistics, Frequency, Crosstabs, Chi-Square test (Prof. Arun Kr. Paul)
- 1:15 pm to 2:15 pm : LUNCH
- 2:15 pm to 3:45 pm : Correlation, Linear Regression (Prof Bhaskar Basu)
- 3:45 pm to 4:00 pm : Tea/Coffee Break
- 4:00 pm to 5:30 pm : Independent sample t test, Paired sample t test, One sample t test, ANOVA (One factor) (Prof Rahul Kumar)

### Friday, June 14, 2019

- 9:30 am to 11:00 am : Time Series Analysis (Prof. Arun Kr. Paul)
- 11:00 am to 11:15 am : Tea/Coffee Break
- 11:15 am to 12:45 pm : ANOVA (Two factor), MANOVA (Prof. Sandipan Karmakar)
- 12:45 pm to 1:45 pm : LUNCH
- 1:45 pm to 3:15 pm : Factor Analysis, Cluster Analysis (Prof Rahul Kumar)
- 3:15 pm to 3:30 pm : Tea/Coffee Break
- 3:30 pm to 5:00 pm : Advanced Regression Models (Prof Rahul Kumar)

### Saturday, June 15, 2019

- 9:30 am to 11:00 am : Introduction to IBM SPSS AMOS; Confirmatory Factorial Analysis (CFA) using IBM SPSS (SPSS statistician)
- 11:00 am to 11:15 am : Tea/Coffee Break
- 11:15 am to 12:45 pm : Model Building using IBM SPSS AMOS; Model Corrections / Refinement; Finalizing the model and Report preparation (SPSS statistician)
- 12:45 pm to 1:45 pm : LUNCH
- 1:45 pm to 4:30 pm : Field Trip
- 5.00 pm to 5.15 pm : Valedictory Session

## Prerequisites

Duly filled up Registration Form and payment of requisite fees before the last date, June 6, 2019. Early bird discount of 10% for registration by May 15, 2019.

## Venue

XIMB, Xavier Square, Chandrasekharpur, Bhubaneswar-751 013

## Registration Details

Interested participants should submit their nomination on the prescribed registration form to the coordinator of the program. The workshop fee of amount INR 15,000/- (+ GST) (industry participants) and INR 12,000/- (+ GST) (academicians and students) will be charged from the participants. The registration fee includes charges towards registration kit, course material and refreshments. The DD or NEFT transfer for the requisite amount shall be drawn in favour of "Xavier Institute of Management Bhubaneswar" payable at SBI, Fortune Towers Branch, Bhubaneswar, IFSC Code No. SBIN0001641 and it should be sent along with the registration form. No TA/DA is admissible to the participants. The Registration Form may be filled directly <https://goo.gl/forms/Ez47e9SI3JCcoAnl2> or emailed to the Coordinator before the last date, June 6, 2019. 10% discount will be applicable if you register before May 15, 2019.

Limited boarding and lodging facilities will be provided in the Management Development Centre, XIMB on payment basis (single room @INR 3000 and double sharing @ INR 2000 per day, including breakfast plus applicable tax) to the participants.

## Target Participants

Industry Practitioners/Executives, Academicians and Students from relevant field.

## Key Resource Person

Dr. Bhaskar Basu (Information Systems)  
Xavier Institute of Management  
Bhubaneswar-751013  
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**Acknowledgement:** SPSS South Asia Pvt Ltd