



IIT Kharagpur

ISE Data Analytics Series

Training Program on

Multivariate Data Analysis with Applications (MDA2023)

June 26 – 30, 2023

Objectives

- Model building and problem solving
- Learn how a practical problem can be converted to a statistical problem and how the statistical solution can be interpreted as a practical solution.
- Learn how to collect and analyze multivariate data, extract patterns, build relationships, and make objective decisions.

Contents*

- Module-I: Multivariate Descriptive Statistics
- Module-II: Multiple Linear Regression
- Module-III: Principal Component and Factor Analysis
- Module-IV: Structural Equation Modeling

*powered with case studies

***LEARN directly from the Author of Multivariate Statistical Modeling in Engineering and Management, CRC Press (Taylor & Francis Group), 2022, 636p.**

Who should attend?

- Post graduate students
- Faculty, scientists, researchers
- Data analysts
- Managers and industry professionals

Pedagogy

- Lecture sessions
- Hands-on-exercises
- Laboratory sessions
- Case studies

Number of participants: 50; Participation Fee: Student - Rs 5,000.00; Participant from academics - Rs 15,000.00; Participant from industry - Rs 20,000.00

Boarding & Lodging: In institute guest house on self-payment basis

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Venue: Department of Industrial and Systems Engineering (ISE), IIT Kharagpur