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**MANAGEMENT DEVELOPMENT
PROGRAMME
ON
MULTIVARIATE DATA ANALYSIS**

(MDA 2016)

June 1-6, 2016



**ORGANISED BY
VINOD GUPTA SCHOOL OF
MANAGEMENT
INDIAN INSTITUTE OF
TECHNOLOGY
KHARAGPUR, INDIA**

OBJECTIVE OF THE COURSE

Data Analysis, an important branch in mathematical sciences, is very vital today for all professionals, particularly for researchers, engineers, managers and analysts. The world is very dynamic today, especially with reference to abundance of information and multidisciplinary research. So it is a huge burden on the decision maker to analyse information and take meaningful decisions. With the availability of various multivariate techniques and user-friendly statistical software, the ability to analyse large amount of data is not only desirable, but a necessity for any professionals. Such techniques and software are usually very complex and confusing for the uninitiated. There are several issues in this process like selection of appropriate technique, selection of right software, interpretation of results and so forth. The objective of this programme is to emphasize broad range of techniques for data analysis and to foster multi-disciplinary research in these areas.

TOPICS TO BE COVERED

- Module 1: Introduction to MDA
- Module 2: Modelling Strategy
- Module 3: Basic Understanding of Data
- Module 4: Hypothesis Testing

Module 5: Analysis of Variance
Module 7: Regression Modelling
Module 8: Regression Strategy
Module 9: Panel Data Modelling
Module 10: Time Series Modelling
Module 11: Time Series Strategy
Module 12: Discriminate Analysis
Module 13: Conjoint Analysis
Module 14: Cluster Analysis
Module 15: Factor Analysis
Module 16: Structural Equation Modelling

COURSE MATERIALS

The programme is purely application oriented. Necessary course materials will be provided to the participants during the course.

WHO CAN ATTEND?

The course is addressed to corporates, executives and academicians only.

HOW TO APPLY?

Download the registration form. The filled registration form along with course fee should reach the course coordinator on or before April 30, 2016.

IMPORTANT DATES

Last date for application: April 30, 2016
Course dates: June 1-6, 2016

COURSE FEE (including service tax 14.00 %)

**Category A: Foreign Participants
Single Room AC Accommodation:**

Rs. 50000/-

Twin Sharing AC Accommodation

Rs. 40000/-

Category B: Corporate Professionals

Single Room AC Accommodation:

Rs. 30000/-

Twin Sharing AC Accommodation

Rs. 25000/-

No Accommodation

Rs. 20000/-

Category C: Academicians/ Others

Single Room AC Accommodation:

Rs. 25000/-

Twin Sharing AC Accommodation

Rs. 20000/-

Twin Sharing NON AC Accommodation

Rs. 16000/-

No Accommodation

Rs. 12000/-

Category D: Students (Postgraduate)

Twin Sharing NON AC Accommodation

Rs. 13000/-

No Accommodation

Rs. 10000/-

Note: For AC accommodation (category A- C), Deluxe Accommodation will be available for extra payments of Rs. 5000.

The course fee includes course materials, certificate, food and accommodation at IIT Guest house. Please note that accommodation is available on twin sharing basis. **Payments should be made by electronic fund transfer. For this, the bank details are as follows:**

Account Name: CEP-STC, IIT Kharagpur

Account Number: 95562200002955

Bank Name: SYNDICATE BANK

Bank Branch Name: SRIC, IIT Kharagpur (Branch Code: 9556)

Indian Financial System Code (IFSC):

SYNB0009556

Swift Code: **SYN BIN BB 120**

Bank Address: IIT Kharagpur, Kharagpur- 721 302, Midinipur Dist. (W. B.), India (Telephone No: 03222 255221)

NOTE:

In case of electronic money transfer, please submit a copy of money transfer record with details of bank, amount, transaction number and date. The bank proof must be attached with registration form.

Payment can also be made through a bank draft drawn in favour of “**CEP-STC, IIT Kharagpur**” Payable at **Kharagpur.**

CERTIFICATE

Certificate will be issued to each participant from the Office of Dean (CE), Indian Institute of Technology, Kharagpur.

COURSE COORDINATOR

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