

- **Important Dates:**

Last Date of Registration	16.11.2022
Date of FDP	21.11.2022 – 25.11.2022

- **Program Coordinator:**

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- **Our Expert Speakers**



Ms. Piyali Bhanja
Freelance Excel Expert
Expertise: Advanced Excel



Prof. (Dr.) Anirban Sarkar
Professor & Head,
Department of Management and Marketing,
West Bengal State University
Expertise: Parametric and Non Parametric Test



Prof. (Dr.) Rabin Majumder
Professor & Head,
Department of Business Administration *BBA),
Institute of Engineering & Management, Kolkata
Expertise: Structural Equation Modeling



Dr. Saikat Chakrabarti
Associate Professor-HRM & Course Coordinator, BBA
Institute of Engineering & Management, Kolkata
Expertise: Graphology and Signature Analysis



Institute of Engineering & Management

3rd Faculty Development Programme

on

Contemporary Approaches in Research & Education, 2022

(CARE 2022)

21st November 2022 – 25th November 2022
(10 AM – 05 PM in Offline Mode)



Organized by:

Department of Business Administration (BBA), IEM Kolkata
In association with HRDC-IEM

GN – 34/2, Sector – V, Salt Lake Electronics Complex,
Kolkata – 700091

- **About the Institute**

Institute of Engineering & Management (IEM) started its journey in 1989 through the noble efforts of visionary Director Prof. (Dr.) Satyajit Chakrabarti is the first private engineering college in West Bengal. IEM is affiliated with Maulana Abul Kalam Azad University of Technology (MAKAUT), formerly known as the West Bengal University of Technology. IEM is accredited with an 'A' Grade by NAC. IEM has ranked the 3rd best engineering college in West Bengal after IIT Kharagpur and NIT Durgapur by NIRF ranking. Since its inception, IEM has consistently achieved a 100% placement record. Many students get more than one job offer. IEM faculty members have published over 2000 research papers, 50 books, and 13 patents in the last three years. Some of our eminent faculty members are on the editorial board of various journals. IEM has signed MOUs with Iwate Prefectural University, Japan, ESC Rennes School of Business, France, Montpellier Business School, France, De Mont Ford University, UK, etc., to promote higher studies and research. IEM holds international conferences in Canada and USA with IEEE. Study tours for the students are organized in Singapore and Thailand.

- **Topics to be covered: (Schedule: 10 AM – 05 PM in Offline Mode)**

Day	Topic Covered	Speaker
Day 1	Advanced Excel Part-I: A quick overview of functions, operations, conditional formatting and filtering, and statistical functions.	Ms. Piyali Bhanja Freelance Excel Expert
Day 2	Advanced Excel Part-II: Working with the web and external data, macros, data analysis, and business intelligence.	Ms. Piyali Bhanja Freelance Excel Expert
Day 3	Structural Equation Modeling Part-I: Introduction to structural equation modeling (SEM), validity and reliability analysis and hands on training.	Prof. (Dr.) Rabin Mazumder Professor, IEM, Kolkata
Day 4	Structural Equation Modeling Part-II: Structural regression models, Path Analysis and Factor Analysis, Model Estimation.	Prof. (Dr.) Rabin Mazumder Professor, IEM, Kolkata
Day 5	Parametric and Non Parametric Test Special Session on Graphology and Signature Analysis. Valedictory session.	Prof. (Dr.) Anirban Sarkar Professor & Head, Department of Management and Marketing, West Bengal State University Prof. (Dr.) Saikat Chakrabarti Associate Professor, IEM, Kolkata

- **Objectives of the Programme:**

Microsoft Excel deals with the knowledge of how to debug and audit the basics and advanced Excel formulas and features in intensive data analysis, which incorporates data from other systems. As a result, MS Excel has become a very important topic in the present era. The objective of the program is to enable learners to design sophisticated spreadsheets, including professional dashboards, and perform complex calculations using advanced Excel features and techniques. Also, they will be able to manage large datasets efficiently, extract meaningful information from datasets, and apply advanced formulas and conditional logic to help make decisions. On the other hand, various models of SEM will help in data-driven decision-making. Researchers and scholars will be able to answer questions of causal interest using contemporary statistical software. Participants will learn to think critically about causal relations, measurement of variables, and testing of theories. These sessions will be conducted in workshop mode, where the participants will be able to use the methods in a practical manner.

- **Target Participants:**

The program is intended for current and prospective faculty members and researchers of various Institutes, university departments, degree colleges, and other professionals.

- **Pedagogy:**

The pedagogy will be a perfect blend of lectures and hands-on experience in the computer laboratory

- **Programme Outcome:**

- I. Participants will be familiar with advanced formulas to lay data in readiness for analysis.
- II. Participants will get the motivation to use advanced techniques for report visualizations.
- III. Participants will be able to leverage various methodologies of summarizing data and interpreting results.
- IV. Participants will be able to apply the principles of Excel and SEM for data-driven decision-making.
- V. This workshop will contribute to UGC approved API score.

- **Duration:**

The program will be of five days duration from 21.11.2022 to 25.11.2022

- **Registration Fees:**

Faculty Members/Academicians/Corporates:	Rs.2500
Research Scholars:	Rs.1500