

**MANAGEMENT DEVELOPMENT
PROGRAMME
ON
ENGINEERING ECONOMETRICS**

(EE 2021)

November 03-06, 2021



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

OBJECTIVE OF THE COURSE

Engineering Econometrics, an important branch in mathematical sciences, is the application of statistical methods to data analysis in order to give empirical content to various engineering relationships. It is very vital today for all engineering professionals, particularly for researchers, engineers, and analysts. The engineering world is very dynamic today, especially with reference to abundance of information and multidisciplinary research. So it is a burden on the decision maker to analyse information and take meaningful decisions. With the availability of various econometrics tools and user-friendly statistical software, the ability to analyse large amount of engineering data is not only desirable, but a necessity for any professionals. Such techniques and software are usually complex and confusing for the inexperienced. There are several issues in this process like selection of technique, software, interpretation of results and so forth.

The objective of this MDP is to emphasize broad range of econometric techniques for engineering data and to foster multi-disciplinary research in these areas.

TOPICS TO BE COVERED

Module 1: Introduction to Engineering Econometrics

Module 2: Exploring Data and Basic Engineering Econometrics on Spreadsheets

Module 3: Linear Engineering Econometrics

Module 4: Advanced Linear Engineering Econometrics

Module 5: Time Series Engineering Econometrics

Module 6: Non-linear Engineering Econometrics

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.

VENUE AND PLATFORM?

Venue: Online

Platform: Zoom/Webex/Google Meet/Moodle, etc.)- to be intimated later

HOW TO APPLY?

Use the link:

<https://erp.iitkgp.ac.in/CEP/courses.htm>

to apply ONLINE.

Process flows:

Sign up → Login → Profile Fill-up → Choose a Program → Apply Now

Payment if applicable is to be done ONLINE after getting short listed for the program.

IMPORTANT DATES

Last date of application: **October 06, 2020**

Course date: **November 03-06, 2021**

COURSE FEE (including Goods and Services Tax (GST) 18.00 %). It is non-refundable and non-transferable under any circumstances.

Category A: Foreign Participants
Rs. 25000/-

Category B: Corporate Professionals
Rs. 10000/-

Category C: Academicians/ Others
Rs. 8000/-

Category D: Students (Postgraduate)
Rs. 6000/-

CERTIFICATE

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

COURSE COORDINATOR

Prof. Rudra P. Pradhan

Coordinator, EE 2021

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