



**INTERNATIONAL MANAGEMENT INSTITUTE
BHUBANESWAR**

Shaping global leaders for tomorrow



**4-DAY SUMMER SCHOOL
ON
ECONOMETRIC ANALYSIS**

MAY 27-30, 2019

VENUE: IMI BHUBANESWAR CAMPUS

INTRODUCTION

Data analysis is an integral part of any empirical research whether qualitative or quantitative. Even theoretical propositions are required to be tested with data. One of the major challenges faced by the researcher is the technique to be used and the basic underlying logic of using a statistical and econometric tool. With no scarcity of data, it is indeed important for a researcher to use the most appropriate tool to answer research question so that meaningful inferences can be drawn. This workshop will address some of these issues.

OBJECTIVES

The workshop has the following objectives:

- To expose the participants to the basic econometric theory
- To build the foundation in basic probability
- To enable the participants to identify and use suitable econometric method for data analysis
- To help them to write meaningful inferences about the output

COVERAGE

- Fundamentals of probability and mathematical statistics
- Variable types – Discrete and Random
- Outliers and Winsorisation of continuous data
- Simple Regression model
- Multiple regression model – Estimation, Inference
- Goodness-of-fit and selection of regressors
- Control variables – meaning and importance
- Regression with qualitative data
- Heteroscedasticity and autocorrelation
- Model specification – Ramsey RESET Test
- Basic time series analysis – Static models, Finite Distributed Lag, Trend and seasonality
- Panel data analysis – Pooled OLS, Fixed Effect and Random Effect models, Hausman test
- Dealing with endogeneity problems – 2SLS and Instrument Variables
- Limited Dependent Variables – Logit, Probit and Tobit models
- Simultaneous equation models

PEDAGOGY

The course will be conducted using Gretl and R. All the concepts will be discussed using data and relevant research papers. The papers will be sent to the registered participants by email before the start of the workshop. The participants may bring their own laptop. All the sessions will be conducted in the computer lab of the Institute.

FEE

The following fee is payable by all the participants:

Faculty: Rs 18000 + GST (18%)

PhD/ MPhil Students: Rs 10000 + GST (18%)

PG students: Rs 8000 + GST (18%)

The above fee includes learning kit, registration, lunch and snacks. A group discount is available @10% on participation of 2 or more participants from the same organization.

In case a participant wishes to stay on the campus, the following rates shall have to be paid additionally:

AC Room single occupancy – Rs 2000/ day

Non-AC Single Room – Rs 1200/ day

AC double room – Rs 1200/ day

Non-AC double room – Rs 1000/ day

The above charges will include breakfast and dinner from May 26-30, 2019. 18% GST shall be levied on the above tariff

DURATION

4 days programme

PAYMENT DETAILS

Demand Draft can be drawn in favour of International Management Institute payable at Bhubaneswar and should be sent to santanu@imibh.edu.in, along with the Registration Form.

The details for NEFT are given below:

International Management Institute, Bhubaneswar
Allahabad Bank, Account No. 50071252726
IFSC-ALLA0210329, Branch Code- 0329
Bapuji Nagar, Bhubaneswar-751009

In case of NEFT transfer, please send an email as well to santanu@imibh.edu.in providing the following details:

Name and Designation of the Participant

Bank Name

UTR Number

Date of Transfer and Amount of Transfer

LEARNING RESOURCES AT IMI BHUBANESWAR

IMI Bhubaneswar has a full fledged computer lab with over 100 computers connected with high speed internet. It has 4 Bloomberg Terminals and access to PROWESS Database. The Institute library currently subscribes to some of the leading print journals in the area of finance, economics, marketing, strategy and corporate governance and has a collection of over 5000 books in all the areas of management, mathematics, statistics. The Institute also has a fully functional language and marketing simulation lab.

CONTACT

Dr. Santanu Das, Associate Professor, F&A

International Management Institute, IDCO Plot 1, Malipada, Gothapatna, Bhubaneswar – 751003

Ph: 8658006959/ 8249763470 E-mail: santanu@imibh.edu.in

