



One-Day Faculty Development Programme (FDP)
on

ADVANCED PANEL DATA ANALYSIS

Last date to register
09 Sept, 2024

Programme Director: Prof. Manish Bansal
Mode of Delivery: Online

Date of Programme
14 Sept, 2024

ABOUT FDP

Research in Economics, Finance, and Accounting often involves data that is collected both cross-sectionally and over time, known as Panel Data. Due to its unique characteristics, Ordinary Least Squares (OLS) may not always provide the Best Linear Unbiased Estimates (BLUE), necessitating alternative estimators that address OLS limitations. This FDP will focus on both the theoretical foundations and practical applications of Panel Data Analysis, offering valuable insights for researchers tackling complex data issues and faculty aiming to enhance their teaching. The program aims to foster a research-oriented mindset among participants from various disciplines, with a particular emphasis on Economics, Finance, and Accounting. Attendees will gain both theoretical knowledge and practical experience through hands-on sessions, equipping them with the skills necessary to effectively handle Panel Data in their research and teaching endeavors.

PROGRAMME OBJECTIVES

- To understand the challenges one would be facing in handling panel data.
- To work with real-world problems using different models of panel data analysis.
- To facilitate the application of STATA software in panel data analysis.

TARGET PARTICIPANTS

This FDP is beneficial for faculty members, research scholars and academic associates, and doctoral students from the field of economics, finance and accounting. The FDP will be highly experimental and interactive along with discussions, presentations, and hands-on sessions.

ABOUT IIM RANCHI

IIM Ranchi is the ninth Indian Institute of Management established in 2009 at Ranchi, Jharkhand, India. IIM Ranchi has followed a progressive path by offering a set of programmes resulting from the culmination of Vision, Mission and Core Values. The Institute offers two-year Postgraduate management programme in Master of Business Administration, Human Resource Management and Business Analytics. It also offers Integrated Programme in Management to tap young minds immediately after Class XII. Apart, the Institute offers a full-time Doctoral programme and an Executive-Doctoral programme in management. It offers Management Development Programmes and Certificate Programmes designed according to the industry requirements. It also runs a two-year Executive Management Degree programme which attracts working executives across India. IIM Ranchi aims to create efficient managers and business leaders.

CONTENT OF THE PROGRAMME

DAY 1	Timings	Topics
Session 1 and 2	09:00 AM-12:00 Noon	<p>Warm-up Sessions</p> <ul style="list-style-type: none"> • Problems and issues in using OLS in Regression. • Omitted Variables and their consequences on the quality of estimates. • Violations of OLS assumptions and their impact and remedies <p>Static Panel Data Model</p> <ul style="list-style-type: none"> • Panel data characteristics and their types - Micro, macro, balanced, and unbalanced panel data. • Static Panel Data Model • Pooled Regression for Panel Data • Fixed Effect Model (One-Way and Two-Way Effect Model) • Understanding and the interpretation of the Fixed Effect Model output • Hands - on session on STATA
Session 3 and 4	12:30 - 3:30 PM	<ul style="list-style-type: none"> • Random Effect Model • Understanding and the interpretation of the Random Effect Model output • Hypothesis testing with panel data • Tests for choosing between different models • Endogeneity issues in panel data regressions • Hands - on session
Session 5	4:00 - 5:30 PM	<ul style="list-style-type: none"> • Dynamic Panel Data Modelling • Difference-in-difference approach under panel data • Wrap up session.

ABOUT THE PROGRAMME DIRECTOR



Dr. Manish Bansal is an Assistant Professor in the Finance and Accounting Area at IIM Ranchi. His current research interests lies in the areas of International Financial Reporting Standards (IFRS), Earnings Quality, Forensic Algorithms, and Corporate Social Responsibility in emerging markets. His research has appeared in various accounting journals of repute, such as the Journal of Contemporary Accounting and Economics, Australian Journal of Management, Journal of Accounting Literature, Journal of International Accounting, Auditing, and Taxation, and many other journals. Dr. Bansal serves as a reviewer of various renowned finance journals. He is well conversant with Panel data regression modelling, Difference-in-Differences (DiD), Triple DiD, Regression discontinuity Design (RDD), Multivariate RDD, propensity score matching (PSM), and entropy balancing techniques used in accounting and finance research.

CONTACT US

Prof. Manish Bansal

Email: manish.bansal@iimranchi.ac.in

Executive Education Office (EEC Office)
Indian Institute of Management Ranchi,
Prabandhan Nagar, Nyasarai Road, Ranchi- 835 303, Jharkhand, India
Email: office.eec@iimranchi.ac.in

PAYMENT DETAILS

Account Number: 50100083823902

IFSC: HDFC0001470

Bank: HDFC BANK

After payment, please email the copy of the payment receipt to office.eec@iimranchi.ac.in

PROGRAMME FEE

Rs. 4000 + GST = Rs. 4720/-

*Participation certificate will be given

REGISTRATION DETAILS

For registration please scan or visit:

<https://docs.google.com/forms/d/e/1FAIpQLSc3j-wNXEGrmwVmvJzSForUJTBIlyPsB2vhBm-V5AnUVPhZA/viewform>

