

**Rajagiri Business School &
Rajagiri College of Social Sciences (Autonomous)**

In Association with

**Shri Guru School of Management
Research and Analytics, Mysore**

Two - Day Faculty Development Programme

Advanced Econometric Methods for Empirical Research

Panel Data, IV, GMM, and Quasi-Natural Experiments



27 & 28 November, 2026



Rajagiri Business School, Kochi



PROGRAMME OVERVIEW

Empirical research increasingly requires researchers to move beyond conventional regression techniques and adopt econometric methods capable of addressing **unobserved heterogeneity, endogeneity, treatment effects, and causal relationships**.

This two-day Faculty Development Programme provides a structured and application-oriented introduction to advanced econometric techniques. The programme will progress from **panel-data estimation and endogeneity correction to quasi-natural experimental methods for causal inference**.

The FDP will combine conceptual foundations with hands-on training, enabling participants to understand **when to use a particular econometric technique, how to implement it, and how to interpret and report the results in empirical research**.

KEY FOCUS AREAS

- **Panel Data Econometrics**

Fixed Effects | Random Effects | Hausman Test

- **GMM Estimation**

Moment Conditions | Instrument Selection | Hansen/Sargan Tests

- **Modern DID Methods**

Staggered DID | Treatment Heterogeneity | Event Studies

- **Empirical Research Applications**

Model Selection | Estimation | Interpretation | Reporting

- **Endogeneity & Identification**

Instrumental Variables | 2SLS | Instrument Validity

- **Causal Inference**

Difference-in-Differences | Parallel Trends

- **Quasi-Natural Experiments**

Regression Discontinuity Design (RDD) | Sharp & Fuzzy RDD

WE INVITE

Faculty members, research scholars, doctoral students, early-career researchers, postgraduate students, and research-oriented professionals interested in strengthening their econometric skills and applying advanced empirical methods in management, economics, finance, social sciences, and related disciplines.



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RESOURCE PERSONS



Dr. Nemiraja Jادیyappa

Associate Professor
Finance, Accounting & Control
Indian Institute of Management, Kozhikode

Dr. Nemiraja Jادیyappa is an Associate Professor at the Indian Institute of Management Kozhikode. He holds a Ph.D. from the ICFAI Foundation for Higher Education (IFHE), India, and was a Visiting Fellow at the Spears School of Business, Oklahoma State University, USA. His teaching areas include Financial Management, Investment Banking, Financial Markets and Instruments, and Corporate Finance. His research interests encompass Corporate Finance, Corporate Governance, Corporate Social Responsibility, Creditors' Governance, and Earnings Management. His research has been published in leading international journals, including the Journal of Corporate Finance, Pacific-Basin Finance Journal, British Accounting Review, Emerging Markets Review, and Finance Research Letters.



Dr. Ronny Thomas

Assistant Professor
Rajagiri Business School, Kochi

Dr. Ronny Thomas holds a PhD in economics and M.Phil in Planning and development from IIT Bombay, Mumbai. Prior to joining Rajagiri Centre for Business Studies, he had one and half years of teaching experience at the School of Management Studies, NIT Calicut, Kozhikode. His research interests include the interlinkages between international trade and FDI, with applications in econometrics and productivity analysis. He has presented his research papers at conferences held at University of Nottingham, Delhi School of Economics, IIM Bangalore and IIT Bombay and also published his research work. His teaching interests include Managerial Economics, Microeconomics, Applied Industrial Organisation and Applied Econometrics.

REGISTRATION DETAILS

APPLICATION DEADLINE:
20 NOVEMBER, 2026

REGISTRATION FEES



Research Scholars/UG/PG Students:

₹2500/- (Inclusive of GST)



Faculty/Academicians/Post-doc:

₹3500 /- (Inclusive of GST)



Non- academic working professionals:

₹4500 /-(Inclusive of GST)

BANK DETAILS & QR CODE FOR REGISTRATION

Name of Account: Rajagiri Business School

Account Number: 115901000165

Name of Bank: ICICI Bank

IFSC: ICIC0000919

Branch Name: Kakkanad



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FINANCE & ECONOMICS AREA

Rajagiri Business School &
Rajagiri College of Social Sciences
(Autonomous), Kochi

SHRI GURU SCHOOL OF MANAGEMENT
RESEARCH AND ANALYTICS,
MYSORE

CONTACT

PROGRAMME COORDINATOR

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Mrs. Anusuya B K

Director

Shri Guru School of Management Research and
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ACCOMODATION

On request, accommodation for participants can be arranged on campus during the FDP days on a twin-sharing basis. Please note that there will be an additional charge of ₹ 1500 and availability will be on a first-come-first-serve basis.

**“ADVANCE YOUR EMPIRICAL RESEARCH
FROM ESTIMATION TO CAUSAL INFERENCE”**