



School of Management Studies
Motilal Nehru National Institute of Technology Allahabad
Prayagraj-211004, Uttar Pradesh, India



Econometric Techniques for Research in Management and Social Sciences

November 25-29, 2019

Overview

The goal of this course is to make participants familiar with econometric techniques and how those techniques are applied in the strategic management research. In this course we will make extensive use of statistical software and we will discuss applications of various econometric techniques in some of the articles published in leading strategic management journals. At the end of this course, the participants are also expected to develop a good working knowledge of a wide variety of econometric techniques and their applications. The participants will be provided sample datasets and they will have ample opportunities for a rich experiential learning during this course.

The primary objectives of this course are to help participants

1. Learn econometric techniques
2. Learn various statistical software
3. Interpret and discuss regression results
4. Conduct econometric analysis in their research projects

Modules	<ol style="list-style-type: none"> 1. What is theory, interplay between theory and method, synthesis of prior research, Problems with the current approaches, statistical significance and p-values, importance of estimates and confidence interval, increasing replication for knowledge accumulation 2. Using a Statistical Software Effectively, organizing data and performing reliable and replicable research 3. Linear regression, heteroscedasticity, specification tests, diagnostics, longitudinal data analysis 4. Time series, panel data, fixed effects, random effects, dynamic panel models 5. Discrete and dependent variable models, count data models, Poisson regression, negative binomial regression 6. Logistic regression, Probit regression, marginal effects, interaction effects, plotting results, generating tables, reporting results 7. Survival analysis, cox proportional hazards 8. Robustness analysis, alternatives 9. Endogeneity, omitted variable bias, endogeneity in sample selection, endogeneity in response, instrumental variable regression, generalized method of moments estimator 10. Choosing instruments, validity of instruments
Who should attend	<ul style="list-style-type: none"> • Executives, engineers and researchers from manufacturing, service and government organizations including R&D laboratories • Student students at all levels (MBA/MTech/PhD) • Faculty from reputed academic institutions and technical institutions
Fees	<p>The participation fees for taking the course is as follows:</p> <ul style="list-style-type: none"> • Academic Institutions: Rs. 1500/- • Students: Rs. 500/- <p>The above fee includes all instructional materials. The participants will be provided with accommodation on payment basis subject to availability.</p> <p>All course registrations will be processed via the national GIAN portal (gian.iitgp.ac.in), where a Rs. 500/- one-time fee is payable in addition to the above amount.</p> <p>Registration fee can be directly deposited through NEFT to the designated account as given below or can be sent in the form of demand draft (D.D.) drawn on any nationalized bank in favor of “ETRM-2019” payable at Allahabad.</p> <p>Account Name: ETRM-2019 Account No.: 718401013000014 Bank: Vijaya Bank, MNNIT Branch, Prayagraj-211004, UP, INDIA IFSC Code: VIJB0007184 Last Date of Registration: 20 November, 2019</p>

The Faculty



Dr. Manish K. Srivastava is an Associate Professor of Strategic Management and Innovation, School of Business and Economics. Dr. Srivastava's research focuses on technological innovation, strategic alliances, and evolution of knowledge structure of firms. His research has been published in the premier management journals Academy of Management Journal, Strategic Management Journal, Journal of Management and other leading journals including Journal of Engineering and Technology Management, Industrial Marketing Management, Technology Analysis & Strategic Management, Management Decision, Journal of Technology Transfer, and Technological Forecasting and Social Change.

His research has won awards at the Strategic Management Society, Academy of Management, and Pan-IIM World Management Conference. He has served as Guest Editor for Long Range Planning, and currently serves on the Editorial Board of Journal of Management. He has been Visiting Professor at Virginia Tech, and Visiting Associate Professor at Umeå University (Sweden).



Prof. Geetika is presently Professor at the School of Management Studies, Motilal Nehru National Institute of Technology Allahabad, Prayagraj, India. A PhD in Economics from the University of Allahabad, India. Prof. Geetika has over three decades of teaching experience at both graduate and postgraduate levels and twenty years of experience of guiding and examining graduate, doctoral and postdoctoral thesis in India and Abroad. Her interests lie in Managerial Economics, Strategic Management and Entrepreneurship. She was nominated as visiting faculty to Asian Institute of Technology, Thailand by MHRD and subsequently served as adjunct faculty in the area of High-Tech Entrepreneurship.

Prof. Geetika has the honor of being a member of editorial board of various national and international journals and has to her credit five books and more than 45 research papers published in international and national journals and presented in conference proceedings.

Course Co-ordinator

Prof. Geetika

Phone: +91-532-2271552

E-mail: geetika@mnnit.ac.in

.....

Local Co-ordinator

Prof. G.P. Sahu

Phone No.: +91-9305508002

Email: gsahu@mnnit.ac.in

.....

<http://www.gian.iitkgp.ac.in/GREGN>