Jibin Jose

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Education

Ph.D. in Economics, Iowa State University — 2022–2027 (expected)

Major Professor: GianCarlo Moschini

M.S. in Economics, Iowa State University — 2026

M.A. in Economics, Delhi School of Economics, University of Delhi — 2014

B.A. (Honours) in Economics, St. Stephen's College, University of Delhi — 2011

Fields of Interest

Empirical Industrial Organization, Applied Econometrics, Environmental & Agricultural Economics

Research

Job Market Paper

"Conflicting Markup Estimates and Cost Minimization: The Semi-Nonparametric Translog Model" (with GianCarlo Moschini).

Abstract. The production function approach estimates markups from output elasticities of flexible inputs and their cost shares in revenue. Recent studies document that markups recovered from different flexible inputs frequently disagree. We show that such conflicting markups arise because standard estimation procedures do not fully exploit the implications of their most prominent maintained assumption—cost minimization. We develop a novel econometric framework that embeds cost-minimization conditions directly into estimation, through cost shares of flexible inputs, while retaining the common Hicks-neutral productivity process. The resulting semi-nonparametric model provides the minimal structure to identify a flexible parameterization of the scale elasticity. Output elasticities can then be recovered from the common scale elasticity via cost minimization, and the resulting markups are invariant across flexible inputs by construction. We show that the key to obtaining invariance in markup estimates is an estimation procedure that enforces consistency of the production function parameters with the optimality conditions of the maintained cost minimization assumption—whether done directly, as in our framework, or indirectly via factor-augmenting productivity. These conclusions are illustrated empirically using manufacturing data from Colombia, Chile, and the United States.

Working Paper

"Estimating Markups: The Role of Factor-Augmenting Productivities and Measurement Error" (with GianCarlo Moschini).

Employment

Reserve Bank of India, Mumbai, India — 2017–

Assistant General Manager (on leave), Department of Economic and Policy Research

Daulat Ram College, University of Delhi, India — 2017

Assistant Professor of Economics (*ad-hoc*), full-time

Miranda House, University of Delhi, India — 2014–2015

Assistant Professor of Economics (*ad-hoc*), full-time

Research Experience

Iowa State University, Ames, Iowa — 2025–

Research Assistant to Professor GianCarlo Moschini

Teaching Experience

Instructor of Record, Iowa State University

Principles of Microeconomics (online; 55 students)	Summer 2026	4.54/5*

Teaching Assistant, Iowa State University

Microeconomic Theory (graduate)†	Spring 2024, 2025	4.89/5, 5.00/5*
Quantitative Methods in Economic Analysis (graduate)†	Fall 2023, 2024	5.00/5, 4.20/5*
Ph.D. Math Camp†	Summer 2025 (2 Weeks)	
Principles of Microeconomics (undergraduate)	Fall 2023, 2024, Spring 2025	
Applied Economic Optimization (undergraduate)†	Fall 2022, Spring 2023	

*Overall student ratings for the instructor/TA (out of 5). †Led weekly recitation/lab sessions.

Assistant Professor (ad-hoc), University of Delhi‡

Intermediate Microeconomics, Statistical Methods, Mathematical Methods, Applied Econometrics, Principles of Economics, International Trade

‡All undergraduate courses; 2 courses per semester, each with 50–60 students and five lectures per week plus recitations.

Awards and Recognitions

Best Third Year Paper Award, Department of Economics, Iowa State University	2025
Gamma Sigma Delta, The Honor Society of Agriculture	2026
Teaching Excellence Award, Graduate College, Iowa State University	2025
Frank Orazem Economics Scholarship, Iowa State University	2022
Krishna Raj Summer Fellowship, Delhi School of Economics	2013

Presentations

Job Market Paper

Southern Economic Association Annual Meeting, Houston, TX (scheduled)	Nov 2026
Agricultural & Applied Economics Association Annual Meeting, Kansas City, MO	Jul 2026

Other Conference Presentations

Berkeley/Sloan Summer School in Environmental and Energy Economics, UC Berkeley	Aug 2024
16th Annual Conference on Economic Growth and Development, ISI, Delhi (virtual)	Dec 2021
Winter School, Centre for Development Economics, Delhi School of Economics (virtual)	Dec 2021

Pre-Doctoral Publications

Peer-Reviewed Articles

1. "Does Greater Creditor Protection Affect Firm Borrowings? Evidence from IBC." *Margin: The Journal of Applied Economic Research*, 2020 (with Snehal S. Herwadkar, Prabal Bilantu and Shihas Abdul Razak).
2. "Alternative Inflation Forecasting Models for India – What Performs Better in Practice?" *Reserve Bank of India Occasional Papers*, Vol. 42, No. 1, 2021 (with Himani Shekhar, Sujata Kundu, Vimal Kishore and Binod B. Bhoi).

Policy Publications

1. "COVID-19 Impact on Food Price Mark-ups in India." *Reserve Bank of India Bulletin*, August 2021 (with Vimal Kishore and Binod B. Bhoi).
2. "TLTRO and Structural Liquidity: A Shot in the Arm for NBFCs?" *Reserve Bank of India Bulletin*, August 2021 (with K. M. Neelima and Nandini Jayakumar).
3. "Risk Premium Shocks and Business Cycle Outcomes in India." Development Research Group (DRG) Study, Reserve Bank of India, March 2021 (with Shesadri Banerjee and Radheshyam Verma).
4. "Do the Markets Know More? India's Banking Sector through the Lens of PBR." *Reserve Bank of India Bulletin*, February 2021 (with Bhanu Pratap and Ranajoy Guha Neogi).
5. "Zombies and the Process of Creative Destruction." *Reserve Bank of India Bulletin*, February 2022 (with Sitikantha Pattanaik and Silu Muduli).

Reports

1. Report on Trend and Progress of Banking in India, Reserve Bank of India, 2018 and 2019.
2. Annual Report of the Reserve Bank of India, 2022.

Service

Economics Graduate Student Association, Student Representative to Faculty Meetings 2024–2026

Technical Skills

MATLAB, Python, Stata, LaTeX

Personal

Citizenship: India
Languages: Malayalam (native), English (fluent), Hindi (intermediate)

References

GianCarlo Moschini
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Pioneer Chair in Science and Technology Policy
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