

EDUCATION

- **M.Sc. Economics** Aug 2024 - Present
Indira Gandhi Institute of Development Research, Mumbai
The coursework includes Advanced Macro, Microeconomics and Econometrics, Industrial Organization, Micro-foundations of Corporate Finance and Banking, Mathematical Methods, Time Series Analysis
- **B.A. Economics, Political Science and Sociology** Jun 2021 - May 2024
Christ University, Bangalore CGPA: 8.89/10.00

EXPERIENCE

- Research Assistant for Dr. Rajeswari Sengupta** Sep 2025 - Present
• Assisting Professor Sengupta on an empirical project involving literature reviews, developing the econometric strategy, and implementing NLP techniques including fine-tuning BERT for sentiment analysis.
- Summer Research Intern for Dr. Rudrani Bhattacharya** Jun 2025 - July 2025
• Developed, estimated, and validated a medium-scale NK-DSGE model with comprehensive fiscal sector and lagged growth effects of social sector spending for fiscal policy evaluation in India
• Conducted literature reviews, ran policy simulations, and co-authored associated working paper
- Research Intern for Dr. Soubhagya Sahoo** Aug 2024 - Sep 2025
• I assisted Professor Sahoo regarding an Impact evaluation of Energy Subsidies.
• Prepared and cleaned large-scale household microdata (CMIE-CPHS, HCES) using Stata for an impact evaluation of energy subsidies
• Built replication package to ensure reproducibility of empirical analysis
• Conducted causal inference using DiD methodology
• Performed literature review to situate findings within existing scholarship

RESEARCH

Macroeconomic Impacts of Fiscal Consolidation in India under Debt-GDP ratio as the New Fiscal Anchor
With Dr. Rudrani Bhattacharya. To Be Presented at Ahmedabad University's 7th Annual Economic Conference 2026

SUMMARY: We develop a Two-Agent New Keynesian DSGE model with endogenous human capital accumulation to evaluate alternative fiscal consolidation strategies for India's 50% debt-GDP target. The model captures the lagged productivity effects of education and health spending and compares infrastructure-led consolidation with tax-based austerity.

PROJECTS

A Theory of Incomplete Monetary Policy Pass-Through in Banking *Term Paper* [PDF]
Develops a theory of incomplete monetary policy pass-through in India, modelling strategic interaction between a public sector bank and a private bank under varying default risk intensity in a two-stage Cournot game.

Bumps to the Cycle: Is it the Trend? *(in progress)*

The paper explores the disciplining effect of globalization by analyzing convergence in relative trend volatility across economies. Following Aguiar and Gopinath (2007), we estimate trend versus cycle volatility using customized SMM estimation in MATLAB.

TECHNICAL SKILLS

Programming Languages: Python (Intermediate), MATLAB (Intermediate), Dynare
Data Analysis: MS Excel (Intermediate), Stata (Intermediate)
Others: Git, LaTeX

REFEREES

Dr. Rajeswari Sengupta
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Dr. Rudrani Bhattacharya
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Dr. Soubhagya Sahoo
Assistant Professor
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CONFERENCES

- Ahmedabad University's 7th Annual Economic Conference, Ahmedabad IN, 2026