

# Anshika Mathur

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[Google Scholar](#) | [Website](#)

## Education

<b>Ph.D. Economics</b>	Shiv Nadar Institution of Eminence, India <i>Advisor: Dr. Gitanjali Sen</i>	2021–Present (Submitted)
<b>M.A. Economics</b>	Dr. B. R. Ambedkar University, Delhi, India	2018–2020
<b>B.A. (Hons.) Economics</b>	University of Delhi, India	2015–2018

## Research Fields

Applied Econometrics (Causal Inference and Spatial Analysis), Gender Economics, Health Economics, Labour Economics, Development Economics

## Teaching and Work Experience

<b>Research Associate:</b> Indian Institute of Management Bangalore, India	2025
<b>Research Assistant:</b> Shiv Nadar Institution of Eminence, India	Spring 2024
<b>Teaching Assistant:</b> Shiv Nadar Institution of Eminence, India	2021–2024

### *Undergraduate Courses:*

- Logic and Scientific Methods Monsoon 2021
  - Principles of Macroeconomics Spring 2022
  - Intermediate Microeconomics Spring 2023
  - Poverty and Inequality Monsoon 2023

### *Graduate Courses:*

- Game Theory Monsoon 2022
  - Econometrics II Monsoon 2024

Market Research Intern, KING Charter Schools, Florida, USA (virtual)

## **Teaching Volunteer for Underprivileged Children, Udaan Educational Trust, New Delhi**

## Publications

Mathur, Anshika, & Sen, Gitanjali. (2025). Money matters: Evidence from a conditional cash transfer scheme on child health. *Journal of Human Capital*, 19(3), 435–473.  
<https://doi.org/10.1086/734859> | [Ungated Version]

## Working Papers

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### **Connectivity and Crime: The Impact of Broadband Availability on Sexual Assaults in India** (with Gitanjali Sen), *Submitted*; Job Market Paper

**Abstract:** We study the impact of internet expansion on crimes against women in rural India by constructing a new geocoded village-level dataset on broadband connectivity. Exploiting spatial regression discontinuity around the BharatNet rollout boundary, we find that broadband access increases reported sex crimes across media sources, police FIRs, and administrative crime records. We document a rise in cybercrimes, including cyberstalking and the circulation of obscene materials, supported by faster download and upload speeds. We find greater uptake in mass media consumption among males and younger cohorts. Results are robust to alternative specifications and placebo tests, underscoring the need for digital safeguards.

### **From Workforce to Grandparenting: Navigating the Challenges of Informal Childcare** (with Gitanjali Sen), *Under Review*

**Abstract:** This study examines the impact of grandchild care on the labor market outcomes of grandparents amid the rapid aging and feminization of the global population. Employing an instrumental variable approach, we find a substantial negative effect on the employment rate of grandmothers, particularly for those cohabiting with their children, while no significant effect is observed for grandfathers. These findings suggest that grandchild caregiving contributes to the gender gap in labor force participation among the elderly, with a more pronounced effect in urban areas. We also find that the reduction in labor supply occurs primarily among younger grandmothers, indicating an early withdrawal from the workforce.

## Work in Progress

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Young Lives, Deep Mines: The Impact of Mineral Proximity on Child Health

Food Politics and Child Health: Evidence from School Meal Program

Tapping into Time: The Impact of Household Water Access on Women's Time Use (with Aditya Srinivas)

## Invited Talks & Conference Presentations

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- 9th Annual CECFEE Research and Policy Workshop 2025
- 11th SERI Workshop, Shiv Nadar Institute of Eminence
- 11th ECINEQ Conference, World Bank, Washington DC
- International Conference on Trade and Environment, Shiv Nadar Institute of Eminence, (*Discussant*)
- 6th Annual Economics Conference, Ahmedabad University
- Research Scholar's Day, IIT Kanpur
- 21st Midwestern International Economic Development Conference, University of Chicago 2024
- IMR Doctoral Conference, IIM Bangalore
- Annual Conference in Economics & Finance, BITS Pilani, Hyderabad
- Annual Conference on Economic Growth and Development, ISI Delhi 2023
- International Conference on Issues in Economic Theory and Policy, Presidency University, Kolkata

## Workshops

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- Econometrics Society Mentoring Program (Virtual) 2025
- Symposium on Network Economics, IIM Bangalore
- Association for Mentoring and Inclusion in Economics Mentorship Program (Virtual) 2023
- BREAD IGC Virtual PhD Course on Firms and Development
- Synthetic Control and Clustering with Alberto Abadie (Virtual)
- Geo-statistical Methods for Economic Analysis - IGIDR, Mumbai 2022
- The Art and Science of Doing Research in Development Economics - ISI Delhi

## Software Skills

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STATA, R, Python (including Web Scraping), Google BigQuery (SQL), Google Maps API, QGIS, ArcGIS, LaTeX, MS Office

## Awards and Others

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- Conference Travel Grant, George Washington University and World Bank 2025
- Best paper award at IMR Doctoral Conference, IIM Bangalore 2023
- Ph.D. Fellowship, Shiv Nadar Institute of Eminence 2021-2025

## Personal Information

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Gender: Female  
Citizenship: Indian  
Language Skills: English (fluent), Hindi (fluent), Haryanvi (native), Punjabi (conversational)

## References

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**Dr. Gitanjali Sen (Advisor)** Shiv Nadar Institution of Eminence  
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**Dr. Suchismita Tarafdar** Shiv Nadar Institution of Eminence  
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