Dr. Zeenat Hashmi

Assistant Director
National Institute of Labour Economics Research and Development (NILERD)
Autonomous Institute under NITI Aayog, Government of India
New Delhi, India

Mobile: +91-8264677686

ORCID: 0009-0004-5745-1985
Google Scholar: Google Scholar Profile
LinkedIn: linkedin.com/in/zeenat-hashmi-a4a12a13a
ResearchGate: ResearchGate Profile
Scopus: Scopus Author Profile

RESEARCH PROFILE

Development Economist specializing in health economics, gender, labour markets, public policy, and applied microeconometrics. My research examines health inequalities, women's employment, human capital formation, and socioeconomic disparities using nationally representative survey data and advanced quantitative and spatial methods.

RESEARCH INTERESTS

Development Economics; Health Economics; Labour Economics; Public Policy; Gender Studies; Population Economics; Economics of Inequality; Applied Econometrics; Spatial Analysis; Policy Impact Evaluation.

TEACHING INTERESTS

Applied Microeconomics; Development Economics; Health Economics; Statistics; Econometrics; Mathematical Economics; Quantitative Methods; History of Economic Thought; Public Policy.

EDUCATION

Indian Institute of Technology Bombay

Ph.D. in Economics, 2021–2026
Dissertation: *Essays on Health Issues of Muslim Women in India*
(An applied microeconometric analysis of socioeconomic inequality in health outcomes, with employment as one of the key determinants, in developing contexts)

Department of Economics, Panjab University, Chandigarh

Master in Economics, 2017-2019

Roorkee Adventist college, HNB Garhwal University

Bachelor in Commerce, 2014-2017

AWARDS AND HONORS

1. University Grants Commission National Eligibility Test (NET), June 2019.
2. Teaching Assistantship (TA) Scholarship by MHRD, Government of India (Ph.D level), Jan 2021- Dec 2025
3. VID Fellowship, by Austrian Academy of Sciences, to participate in Winter School on Population Heterogeneities, Vienna, December 4–5, 2023

PEER-REVIEWED PUBLICATIONS

1. **Hashmi, Z.**, & Singh, A. (2023). Trends and socioeconomic disparities in undernutrition among Muslim women in India: evidence from the last two decades (1998–2021). *International Journal of Social Economics*, 51(6), 819–840. **DOI**
   Impact Factor: 2.1

2. **Hashmi, Z.**, & Singh, A. (2025). Unveiling the hidden story of anemia among Indian Muslim women: A comprehensive analysis from 1998 to 2021. *Frontiers in Nutrition*, 12, 1592436. **DOI**
Impact Factor: 5.5

3. **Hashmi, Z.**, & Singh, A. (2026). Trends and socioeconomic-spatial inequalities in hypertension among Muslim women in India, 2015–2021: Evidence from the National Family Health Surveys. *Frontiers in Public Health*, 14, 1828079. **DOI**
Impact Factor: 4.1

WORKING PAPERS

1. Singh, A., Hashmi, Z. (2026). Within-Household Gender Gaps in Child Nutrition across Indian Regions. (Work in Progress)
2. Hashmi, Z. (2026). Embodied Inequalities: Health Disparities and Labour Market Outcomes among Women in India, 1998–2021. (Work in Progress)
3. Neeraj Soni, Siva Kiran Guptha K, Rajabhushan Jagadish Nayak, Ashish Singh, Zeenat Hashmi. Credit Access, Informal Borrowing, and Financial Vulnerability in Rural India: Evidence from the NSS 77th Round AIDIS, 2019. (Submitted for Review)

POLICY RESEARCH EXPERIENCE

1. Hashmi, Z., Singh, A. (2025). *Anaemia among Indian Muslim Women: The Overlooked Crisis.* **Policy Article**
2. Hashmi, Z., Singh, A. (2026). *The Hidden Geography of Hypertension Among Muslim Women: India's Next Breakthrough Against Hypertension Will Come from Targeting Risk, Not Just Expanding Screening.* **Policy Article**

CONFERENCES

1. Presented a research paper at the Wittgenstein Centre Conference 2023, "Exploring Population Heterogeneities," Vienna, Austria, December 2023: "Trends and Socioeconomic Disparities in Undernutrition among Muslim Women in India: Evidence from the Last Two Decades (1998–2021)."
2. Presented a research paper at the 6th Asian Population Association (APA) Conference, Kathmandu, Nepal, December 2024: "Anaemia among Muslim Women in India: a story of two decades (NFHS-2 to NFHS-5)."
3. Presented a research paper at the 30th International Population Conference (IPC2025), organized by IUSSP, Brisbane, Australia, July 2025: "Unveiling Hidden Story of Anaemia among Indian Muslim Women: A Comprehensive Analysis from 1998 to 2021."

TECHNICAL SKILLS

1. Econometric and Statistical Analysis: Stata (Advanced Econometric Analysis), SPSS, EViews
2. Programming: R (Survey Analysis, Visualization), Python (Data Management, Machine Learning Applications)
3. Spatial Analysis: QGIS, ArcGIS, GeoDa
4. Data Handling: Large-scale survey datasets (NFHS, IHDS, LASI, NSSO, PLFS)

TEACHING EXPERIENCE

1. Teaching Assistant, IIT Bombay (under Prof. Ashish Singh) Assisted in courses including Development Economics, Political Economy, Survey and Experimental Research. Conducted data-oriented sessions, supported student learning in quantitative methods, and facilitated applied understanding of economic concepts using real datasets.

PROFESSIONAL MEMBERSHIPS

1. Active Member, Asian Population Association (APA)
2. Active Member, International Union for the Scientific Study of Population (IUSSP)

PEER REVIEW SERVICE

1. *BMC Public Health*
2. *BMC Women's Health*
3. *Discover Public Health*
4. *International Journal for Equity in Health*
5. *Sexuality Research and Social Policy*
6. *SSM – Population Health*

WORKSHOPS

1. "Introduction to Machine Learning", GENDER Project, Center on Gender Equity and Health, University of California San Diego, 2026 (Training in machine learning concepts, data analysis methods, and model-building approaches for demographic and health research; Lead instructor: Prof. Aaron Boussina)
2. "Female Leadership and Firm Performance", AHEAD Lab, Indian Institute of Technology Roorkee, January 2025
3. "Population Heterogeneities", Vienna Institute of Demography, December 2023 (Training focused on demographic heterogeneity, population dynamics, and analytical approaches to inequality and variation across population groups)
4. "Research Tools and Scientific Writing", GISE Hub, Department of Computer Science and Engineering, IIT Bombay, January 2023 (Instructor: Prof. Alejandro Frery, Victoria University of Wellington)
5. Selected Participant, Early Career Researcher Symposium, Presented work on "Anaemia in India", Asian Population Association Conference 2024, Kathmandu, Nepal
6. Participated in Workshop "Partnering with Purpose: South Asia Gender Equity Researcher Convening", organised by the Center on Gender Equity and Health, University of California San Diego, Brisbane, Australia, July 2025
7. Participated in "Gender Inequalities in a Digital World: Perspectives from Digital Demography", a pre-conference workshop by Prof. Ridhi Kashyap (University of Oxford) at the University of Queensland, Brisbane, Australia, 12 July 2025

OTHER ACADEMIC ENGAGEMENT

1. Participated in Model United Nations and represented the delegation of Saudi Arabia at UNSC and was awarded Special Mention
2. Awarded honours in the Rio+24 IDRC India Program on War and Peace (IARC Centre for United Nations, 2018), a United Nations-linked initiative under the International Decade for the Rapprochement of Cultures
3. Volunteered for the collection of primary data on the education status of rural students in rural areas in Punjab for the ASER report (Annual Status of Education Report) program of India

REFERENCES

Ashish Singh
Professor,
Shailesh J Mehta School of Management
IIT Bombay
E-mail: ashishsingh@som.iitb.ac.in

Sarthak Gaurav
Associate Professor,
Shailesh J Mehta School of Management E-mail: sgaurav@iitb.ac.in
IIT Bombay

Souvik Banerjee
Associate Professor,
Department of Economics E-mail: banerjee.souvik@iitb.ac.in
IIT Bombay

Prof. Arnab Jana
Professor,
Department of Civil Engineering Email: arnab.jana@civil.iitb.ac.in
IIT Bombay