

# Debkanika Gupta

 d.gupta3@newcastle.ac.uk

 +44 7467 209687

 Personal Website

Research Speciality: Macroeconomics, Development Economics, Applied Econometrics, Mathematical Modelling

Teaching interests: Specialised Macroeconomics, General Macroeconomics, Generalised Microeconomics, International Economics, Econometrics, Mathematics for Economics, Statistics for Economics, Economic Development, Financial Economics, Economies of Emerging Economies

## Education

2020 – 2025

- **Ph.D in Economics**, Newcastle University Business School, Newcastle Upon Tyne, The UK.  
Supervisors: *Prof. Giorgio Fazio and Dr. Marco Lorusso*  
Thesis title: *Essays on Macroeconomic Shocks and Emerging Countries*  
Scholarship: *Peter and Norah Lomas PhD Studentship*  
Viva Date: *13.03.2025*; Passed with minor corrections

2018 – 2020

- **Master of Science in Economics**, Indira Gandhi Institute of Development Research, Reserve Bank of India, Mumbai, India with a CGPA of 3.47 out of 4.

2015 – 2018

- **Bachelor of Science in Economics**, St. Xavier's College (Autonomous), Kolkata, India with a CGPA of 8.78 out of 10, with a minor in statistics and mathematics.

## Professional Qualifications and Memberships

2025

- Associate Fellow of the Higher Education Academy, demonstrating inclusive teaching.

2025 - 2026

- Member of Royal Economic Society.
- Member of European Economic and Finance Society.

## Publications

Accepted

- G.G., Hati, K.K. & Gupta, D. (2024) "R&D financing and production: A new Ricardian specific factor model". *International Journal of Economic Theory*, 1–24. <https://doi.org/10.1111/ijet.12409>.

Policy Report

- "Measuring the Productivity of Museums and Galleries and Heritage" cowritten with Prof. Fazio & Mr. Rujimora submitted to *Department for Culture, Media and Sport, Government of UK*.

Submitted

- "How to Allocate the Right to Sell a Good?—Implications for the Post-Auction Welfare in the Goods Market" cowritten with Prof. Marjit & Prof. Nakanishi submitted to *Economic Policy and Analysis*.
- Invited paper "A Path Towards Sustainable Economic Growth: How Does It Shape for ASEAN Countries?" cowritten with Prof. Ghoshray, Dr. Lorusso, and Dr. Zhu submitted to *International Review of Environmental and Resource Economics*.

In Progress

- "The Informal-Formal Interlock: Evidence from the Indian Business Cycle" (Journal Target: Journal of Development Economics, cowritten with Prof. Fazio and Dr. Lorusso)
- "Working Capital and The Real Business Cycle in India"
- "US-China Real Interest Rates and The Informal Sector of Emerging Economies"

## Teaching Experience at Newcastle University

2023 – 2025

- Seminar Leader of the second-year undergraduate course *Macroeconomic Analysis* (ECO2102); first-year undergraduate course *Economic Analysis* (ECO1100); first-year undergraduate course for non-economist students *Introductory Economics* (ECO1017).

2021 – 2025

- Involved with marking assessment in the third-year undergraduate course *Advanced Macroeconomics* (ECO3002).

2024

- Lecture Developer on New Open Economy Macroeconomics for postgraduate course *Topics in Macroeconomics* (NBS8612).

2021 – 2025

- Actively mentored and contributed to academic development discussions for students, laying the foundation for future PhD supervision responsibilities.

## Research Assistance Experience

2023 – 2025

- At Creative Industries Policy and Evidence Centre on 'Museums Productivity' and 'Creative Trade'.
- Under Prof. Giorgio Fazio on 'Spatial Preferences and Spatial Competition in US Presidential Elections'.

2021 – 2022

- Under Prof. Simon Hussain on 'Streamlining Research: A Data-Driven Journal Quality Approach'.

2019

- Under Prof. Sugata Marjit on 'Least Price Auction Mechanism to Improve the Market Quality'.

2017

- Under National Service Scheme on conducting surveys of female-headed households in Devipur, India.

## Funding, Grants and Scholarships

2025

- DCREF Travel and Conference Funding.
- Nominated for Leverhulme & Nine DTP fellowship by Newcastle University.

2020 – 2023

- Peter and Norah Lomas PhD Scholarship, Newcastle University, The UK.

2020

- Think Big Postgraduate Scholarship, Bristol University, The UK.

## Conferences (Presented)

2025

- Royal Economic Society Annual Conference, University of Birmingham, The UK; 23rd Annual European Economics and Finance Society Conference, EDC Paris Business School, France; PRME UK&I Chapter Conference, Queen's University Belfast, The UK; Durham University Doctoral Conference, Durham University Business School, The UK; 3rd Essex PhD Conference in Applied Economics, University of Essex, The UK; Centre for Macroeconomics PhD Colloquium, Durham University Business School, The UK; Tri-University Conference, Newcastle University, The UK.

2024

- India Networking Event, Newcastle University, The UK; First Doctoral Conference, Newcastle University, The UK; Economics Department Seminar Series, Newcastle University, The UK.

2023

- Symposium of Trade, Development, and History, Henan University Shenzhen Campus, China; Economics Department Seminar Series, Newcastle University, The UK.

2022

- Conference on Open Economy DSGE Modelling with Applications to Emerging Economies, City, University of London, The UK; Economics Department Seminar Series, Newcastle University, The UK.

2021

- International Newcastle Economics Research and Development (NERD) Conference, Newcastle University, The UK; Economics Department Seminar Series, Newcastle University, The UK.

2019

- Arthantantra Economics Summit, Presidency College, Kolkata, India; Confluence Economics Summit, St. Xavier's College, Kolkata, India; Departmental Seminar, Indira Gandhi Institute of Development Research, Mumbai, India.

## Computer Skills

Coding

- Matlab, Stata, SAS, R, SPSS, Minitab, Eviews, Python

Teaching

- Teams, Zoom, Google Meet, Moodle, Canvas, Kahoot!

Others

- LaTeX, Microsoft Outlook Softwares, Zotero, Endnote

## Selected Workshops (Attended)

2025

- Centre for Macroeconomic Policy Mini Workshop -Durham University
- Early Career Fellowship and Grants Training -Newcastle University
- Python Training Workshop -Newcastle University

2024

- Compassionate Academia - Application in Teaching -Newcastle University

2023

- India's Financial System; Building the Foundation for Strong and Sustainable Growth -International Monetary Fund

2022

- Open Economy DSGE Modelling & Applications to Emerging Economies -City, University of London
- Research Practice in Economics -Newcastle University

## Awards and Achievement

2024 Best Postgraduate Research Poster, First Annual Doctoral Conference, Newcastle University, The UK.

2019 Best Economics Essay in the Young Economist Students' Meet, Jadavpur University, India.

Third place in the Ecolore Economics Essay Writing Competition, Loreto College, India.

Third place in Confluence XII Economics Conference Presentation, St. Xavier's College, India.

## Certifications

2019 GRE score of 156 in Verbal, 164 in Quantitative and 4 in Analytical Writing.

Overall band score of 8 in International English Language Testing System (IELTS).

Languages Strong reading, writing and speaking competencies for English, Bengali and Hindi.

## Academic Administrative Activities

2024 – 2025 Part-time Postgraduate Panelist for outreach programmes by Newcastle University.

2021 Organiser of the International Newcastle Economics Research and Development (NERD) conference hosted by Newcastle University.

2020 – 2021 Representative of Economics PhD Students at Newcastle University.

2017 Organiser of Confluence XII, the annual economic summit of St. Xavier's College, Kolkata.

2016 Member of the editorial board of Eco-Echoes, the Annual Journal of Xavier's Economic Society.

## Volunteering Activities

2023 – 2025 Volunteer as Peer Group Facilitator for people who have faced gendered violence, in collaboration with It Happens Here and Rape Crisis in Newcastle Upon Tyne.

2022 Volunteer for Raising and Giving Fundraising Week for the charity MIND in the UK.

2017 Volunteered as English and Maths teacher under the National Service Scheme for marginalised communities in Devipur, India.

## References

Prof. Giorgio Fazio  
Prof of Macroeconomics  
Newcastle University  
giorgio.fazio@ncl.ac.uk

Dr. Marco Lorusso  
Lecturer in Economics  
Newcastle University  
marco.lorusso@ncl.ac.uk

Prof. Atanu GhoshRay  
Prof of Economics  
Newcastle University  
atanu.ghoshray@newcastle.ac.uk