

## **Amrita Chatterjee**

Assistant Professor, Madras School of Economics

Address: Gandhi Mandapam Road, Kotturpuram. Chennai:600025

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### **Education**

**S.S.L.C:** In 1995 from R.K.S.M. Sister Nivedita Girls' School under West Bengal Board of Secondary Education.

**P.U.C:** In 1997 from Scottish Church College under West Bengal Council of Higher Secondary Education.

**B.Sc:** Hons. in Economics in 2001 from Calcutta University.

**M.Sc:** In Economics with specialization in Statistics, Econometrics and Finance in 2003 from Calcutta University.

**PhD:** Awarded in 2011 from Jadavpur University, Kolkata.

**PhD Thesis:** "Genetically Modified Crops: Agricultural Sustainability and Food Security".

Areas of Specialization during PhD: Economic Growth, Dynamic Optimization, Computable General Equilibrium Modelling.

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### **Professional experience**

**1. Assistant Professor**, Madras School of Economics from 1st July, 2016- present

**Courses Taught:** Mathematical Statistics, Games and Information, Econometric Methods, Financial Mathematics for MA students

**2. Lecturer**, Madras School of Economics from 1st July, 2014 to 30<sup>th</sup> June, 2016.

**3. Guest faculty**, department of Humanities and Social Sciences of IIT Madras for the semester January- May, July- November, 2013 and January-May, 2014.

**4. Assistant Professor**, in Stella Maris College (Autonomous), Chennai from February 2011 to April 2011 filling up UGC approved FIP vacancy.

**5. Associate Fellow** (Equivalent to Assistant Professor), National Council for Applied Economic Research (NCAER), New Delhi from 1st Feb, 2010 to 4th November, 2010. (Equivalent to Assistant Professor).

*Job description:* Used to handle large scale primary survey data at household/village level using the software STATA to do panel data analysis regarding poverty and issue of decentralization. Also did analysis on infrastructural development of India. Supervisor for both the projects was Dr. Shashanka Bhide.

6. **Guest Lecturer**, in Department of Economics in S.A. Jaipuria College under Calcutta University from November 2003 to August 2005.

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- **General Teaching Interest:** Statistical Methods, Econometric Methods and Game Theory.
  - **General Research Interest:** Development Economics, Financial Inclusion, Gender Issues, Poverty and Inequality.
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### Publications

#### 1. Peer-reviewed Journal:

- I. Chatterjee, A. (2024), "Digital finance: a developing country perspective with special focus on gender and regional disparity", *Digital Policy, Regulation and Governance*, Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/DPRG-10-2023-0149> (**Indexed in Scopus**).
- II. Simontini Das and Amrita Chatterjee (2022): Impacts of ICT and Digital Finance on Poverty and Income Inequality: A Sub-National Study from India", Accepted for publication in *Information Technology for Development*, Routledge, Taylor and Francis Group: doi: 10.1080/02681102.2022.2151556 (**Citation: 22**) (**Indexed in Scopus**).
- III. Amrita Chatterjee (2020): Financial inclusion, information and communication technology diffusion, and economic growth: a panel data analysis, *Information Technology for Development*, Routledge, Taylor and Francis Group, (**Indexed in Scopus**)  
**DOI: 10.1080/02681102.2020.1734770,(Citation: 189)**
- IV. Amrita Chatterjee & Simontini Das (2019): Information communication technology diffusion and financial inclusion: an inter-state analysis for India, *Innovation and Development*, Routledge, Taylor and Francis Group; (**Indexed in Scopus**)  
**DOI: 10.1080/2157930X.2019.1678803 (Citation:17)**
- V. Amrita Chatterjee and Arpita Ghose (2017) "Consumer's Acceptance towards Genetically Modified Crops and Growth of the Economy: A Theoretical Approach", *Global Journal of Human Social Sciences (E)*, Volume 17 Issue 1 Version 1.0.
- VI. Amrita Chatterjee & Arpita Ghose (2016),"A dynamic economic model of soil conservation and drought tolerance involving genetically modified crops" *Journal of Social and Economic development* (Springer) 18(1), page-40-66: 40.  
**doi:10.1007/s40847-016-0026-7 (Citation:1) (Part of UGC CARE list)**

- VII. Amrita Chatterjee, Sanjib Pohit and Arpita Ghose (2016). "Trade and Distributional Impacts of Genetically Modified Crops in India: A CGE Analysis". *Margin—The Journal of Applied Economic Research* 10 : 3 (2016): 1–27 ( A SAGE Publication) , **(Indexed in Scopus)**. <https://doi.org/10.1177/0973801016645414> **(Citation:7)**
- VIII. Amrita Chatterjee and Arpita Ghose (2010). "Genetically Modified Crops: Global and Indian Perspective", *Asian Biotechnology Development Review*, Vol 12, No. 2, pp-69-105, 2010. **(Citation:1)**

## 2. Edited Volume (Peer Reviewed):

- Chatterjee, A. (2023), "Only Development or Gender Norm? Explaining Gender Inequality in Emerging Market Economies", Chakraborty, C. and Pal, D. (Ed.) *Gender Inequality and its Implications on Education and Health*, Emerald Publishing Limited, Bingley, pp. 141-152. <https://doi.org/10.1108/978-1-83753-180-620231013> (in the SCOPUS database)
- Chatterjee, A. (2022), "Corruption, Democracy and Growth: Evidence from Emerging Market Economies", Chakraborty, C. and Pal, D. (Ed.) *Environmental Sustainability, Growth Trajectory and Gender: Contemporary Issues of Developing Economies*, Emerald Publishing Limited, Bingley, pp. 137-149. <https://doi.org/10.1108/978-1-80262-153-220221011>

2. **Conference Publication:** "Trade and Distributional impact of Genetically Modified Crops in India: A CGE analysis" co-authored with Dr. Arpita Ghose and Dr. Sanjib Pohit is available as GTAP resource # 3250 and can be seen online at <https://www.gtap.agecon.purdue.edu/resources/download/4939.pdf>

## 3. MSE working paper:

- I. "A dynamic economic model of soil conservation involving genetically modified crops", co-authored with Dr. Arpita Ghose, MSE working paper no. 96
- II. Consumer's Acceptance Towards Genetically Modified Crops and Growth of the Economy: A Theoretical Approach, co-authored with Dr. Arpita Ghose, MSE working paper no. 137.
- III. Financial Inclusion, Information and Communication Technology Diffusion and Economic Growth: A Panel Data Analysis, co-authored with Nitigya Anand, MSE working paper no. 165.
- IV. Information and Communication Technology Diffusion and Financial Inclusion: An Interstate Analysis for India, with Simontini Das, MSE WP NO. 178/2019
- V. Can Women Empowerment Help to Reduce Open Defecation in India: Evidence from NFHS 4 with Shriya Agarwal, MSE WP No. 186/2019.
- VI. "Role of ICT Dissemination and Digital Finance in Poverty Eradication and Income Inequality Reduction: A Sub-National Level Study from India", with Simontinti Das, MSE WP No. 210/2021

#### **4. Ongoing work:**

1. Spousal Violence and Child Nutrition: Role of Gender Attitude
2. Role of patriarchy in controlling Open Defecation: Evidence from NFHS-5 Data
3. Effect of Fertility on Paid Work Status of Women in India: Evidence from NFHS-5, co-authored by Gunjan Khandelwal

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#### **Conference Presentations:**

1. “Digital Finance: A Developing Country Perspective with Special Focus on Gender and Regional Disparity”, presented in 5th Annual Conference in Economics and Finance-February 8-9, 2024.
2. “Impact of intimate partner violence on children’s nutritional outcome in India: evidence from nfhs-5”, co-authored by Ms Ngawang L Thakur, was presented in 6th SANEM Annual Economists' Conference (SAEC) | 4-5 February 2023, Bangladesh (in online mode)
3. “Impact of intimate partner violence on children’s nutritional outcome in India: evidence from nfhs-5”, co-authored by Ms Ngawang L Thakur, was presented in the Second Biennial Conference on Development: Sustainable Development Goals Amidst Multiple Global Shocks: Progress, Challenges and Way Forward organized by the Indira Gandhi Institute of Development Research (IGIDR), Mumbai between December 21-23, 2022.
4. ‘Economic Effect of Fertility on Paid Work Status of Women in India’, co-authored by Gunjan Khandelwal was presented by Gunjan Khandelwal in the 62nd Annual Conference of the Indian Society of Labour Economics (ISLE), organised by the Department of Humanities and Social Sciences, IIT Roorkee, Uttarakhand held during 11-13 April 2022
5. “Factors Determining Digital Finance: A Gender Perspective”, co-authored by Nimisha Sharaff presented in International Conference on Contemporary Issues in Economics (Iccie 2022), School of Economics, XIM University, on February 4th, 5th, And 7th, 2022
6. “Can Women Empowerment Help to Reduce Open Defecation in India: Evidence from NFHS 4”, accepted for presentation at “Contemporary Issues in Development Economics” during 19-20th February, 2020, 11th annual conference organized by Department of Economics, Burdwan University.
7. “Financial Inclusion, Information and Communication Technology Diffusion and Economic Growth: A Panel Data Analysis”, presented in XXVII th Annual Conference on Contemporary Issues in Development Economics organized by the Department of Economics, Jadavpur University, Kolkata on 21-22nd December, 2017.
8. “Trade and Distributional impact of Genetically Modified Crops in India: A CGE analysis” Presented in 13th Annual GTAP conference on Global Economic Analysis held on 9- 11th June, 2010 in Penang, Malaysia.

#### **Workshops Attended:**

1. ‘Introduction to Computable General Equilibrium Modeling (CGE)’ held at Indira Gandhi Institute of Development Research (IGIDR), Mumbai on 17th – 26th June, 2008.

2. Research Training Program on CGE modeling and Data Analysis held in Jadavpur University, Economics Department for the period of 20th– 25th October, 2008.
3. Advanced Research Training Program on 'Computable General Equilibrium Modeling and Data Analysis' held in Jadavpur University, Economics Department, 11th– 16th May, 2009.
4. Time Series and Financial Econometrics organized by Department of Economics, Jadavpur University, Kolkata in collaboration with The Indian Econometric Society (TIES) from 1-9 th June, 2015

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**Ad-hoc Reviewer for:** Information Technology for Development, Digital Policy, Financial Innovation, Journal of Asia Pacific Economy.

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**Awards:** Qualified UGC-NET (JRF) in December 2004 and thereby receiving scholarships and grants as per JRF/SRF UGC norms.

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**Administrative Responsibility:**

1. Academic Coordinator for 1st and 2nd year
  2. Handled MA Admission process in 2023 along with Dean Academics
  3. Exam Coordinator for both 1st and 2nd year (previously, successfully handled online mode of examination during Corona pandemic)
  4. Part of New Website Construction Committee
  5. Faculty Advisor for various batches (starting from very first year at MSE)
  6. Organized MSE Seminar retreat as Seminar coordinator
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**MA Dissertation Guidance:** 31 students

**PhD Supervision:** Ongoing 1 (Lakshi Ullas CU)

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**References:**

1. Dr. Arpita Ghose  
Professor, Department of Economics, Jadavpur University
2. Dr. Sanjib Pohit  
Professor, NCAER, Delhi
3. Dr. Shashanka Bhide  
Honorary Senior Adviser, NCAER

Assunta Challegi

21.4.2024