

Dr. Paramita Roy Biswas

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Executive Research Summary

Serving the academic sector with **25 years of robust research experience** and **16 years of academic teaching**. Specializes in **Applied Econometrics, Industrial Economics, and Productivity & Efficiency Analysis**, with an extensive publication record in high-impact international and national journals, edited books (Springer, Routledge), and institutional working papers. Demonstrated leadership in curriculum development as a Resource Person for the national SWAYAM platform. Highly equipped to undertake independent and collaborative funded research projects focusing on manufacturing efficiency, financial sector performance, and contemporary economic development.

Core Competencies & Research Interests

- **Primary Research Areas:** Applied Econometrics, Industrial Economics, Productivity, Efficiency, Profit Analysis (Manufacturing & Financial Units), and Contemporary Development Analysis.
- **Methodological Expertise:** Stochastic Frontier Analysis, Non-parametric Approaches, Quantitative Economic Modeling, and Statistical Analysis.
- **Domain Teaching:** Econometrics, Statistics, Mathematical Economics, Development Economics, Applied Econometrics, Industrial Economics, Financial Economics, and Indian Economy.

Academic Qualifications

- **Ph.D. in Economics (2011):** Department of Economics, Jadavpur University, Kolkata, West Bengal.
- **M.Phil. in Economics (2004):** Department of Economics, Jadavpur University, Kolkata, West Bengal.
- **M.A in Economics (2000):** Department of Economics, Jadavpur University, Kolkata, West Bengal. Secured 66.1% marks

Academic & Professional Experience

- **Teaching Experience:** 16 Years
- **Research Experience:** 25 Years
- **National Contributions:** Resource Person for the CBCS-compliant MOOC on Economics titled "*Indian Economics-2*" for Undergraduate students under the **SWAYAM** initiative.
- **Professional Memberships:** Life member of **Bangiyo Arthaniti Parisad** and the **Indian Science Congress**.

Selected Publications:

Books & Authored Volumes

- **Roy Biswas, P.** and Ghose, A. (2012): *Growth, Efficiency & Productivity of Indian Manufacturing Industries: An Econometric Analysis*, LAP LAMBERT Academic Publishing, ISBN: 978-8484-8354-9.

Chapters in Edited Books

- **Roy Biswas, P.** and Das, S. (2023): "Export Decision and Export Performance of Manufacturing Firms: An Experience from Indian Organised Sector", in T.B. Chatterjee, A. Ghose, and P. Roy (eds.), *Risk and Resilience of Emerging Economies*, pp. 131–150, Springer Nature Singapore Pte Ltd., ISBN: 978-981-99-4062-2.
- Ghose, A. and **Roy Biswas, P.** (2014): "Impact of Trade Policy on Manufacturing Productivity in India: Evidence Using a Non-parametric Approach", in V. Kathuria, R. Raj S.N., and K. Sen (eds.), *Productivity in Indian Manufacturing: Measurements, Measures and Manufacturing*, pp. 238–265, Routledge (Taylor & Francis Group), ISBN: 978-1-138-01972-0.
- **Roy Biswas, P.** and Ghose, A. (2014): "Technical Efficiency of Indian Food Products Industry: Evidence from a Stochastic Frontier Approach", in Prankrishna Pal (ed.), *Growth and Development: Emerging Issues*, pp. 59–75, Regal Publications, New Delhi, ISBN: 978-81-8484-333-0.

Peer-Reviewed Journal Articles

- Roy Biswas, P. (2026): "Productivity Growth and its Relation with Some Socio-economic Structural Factors: Evidence from Indian Manufacturing Industries", *The Academic, International Journal of Multidisciplinary Research*, Vol. 4, Issue 2, pp. 787-801, ISSN: 2583-973X.

- **Roy Biswas, P.** (2026): “Technical Efficiency of Indian Leather and Leather Products Industry – A Stochastic Frontier Approach”, *Academic Journal of Humanities and Social Sciences*, *Academic World Journal of Humanities and Social Sciences*, Vol. 3, Issue 1, pp. 111-121, ISSN: 3048-7846.
- **Roy Biswas, P.** (2026): “Variation in Productivity of Indian Manufacturing Industries: A Non-parametric Data Envelopment Analysis”, *Journal of Advance and Future Research*, Vol. 4, Issue 4, pp. 546-558, ISSN: 2984-889X.
- **Roy Biswas, P.** (2026): “Implementation of Holistic Teaching-Learning Process can Integrate Sustainable Development Goals: A Discussion”, *Journal of Novel Research and Innovative Development*, Vol. 4, Issue 5, pp. a974-a979, ISSN: 2984-8687.
- DasGupta, M. and **Roy Biswas, P.** (2018): “An Empirical Assessment on Liquidity Management of Indian Public Sector Banks”, *International Journal of Banking, Risk and Insurance*, Vol. 6, Issue 1, pp. 1–15, ISSN: 2320-7507.
- **Roy Biswas, P.** and Ghose, A. (2012): “Role of Trade-related Factors in Determining Technical Efficiency of West Bengal’s Industries: Evidence from a Stochastic Frontier Approach”, *Trade and Development Review*, Vol. 5, Issue 1, pp. 1–36, ISSN: 0974-4347.
- Ghose, A. and **Roy Biswas, P.** (2012): “Inter Industrial Variation of Productivity Growth in Indian Manufacturing Sector: Evidence from A Non-parametric Approach”, *The Journal of Industrial Statistics*, Vol. 1, Issue 1, pp. 57–81, ISSN: 2278-4667.
- Ghose, A. and **Roy Biswas, P.** (2011): “Inter-Industrial Variation in Total Factor Productivity Growth of Manufacturing Sector of West Bengal: Evidence from a Non-parametric Approach”, *The Indian Economic Journal*, Vol. 59, Issue 2, pp. 29–50, ISSN: 0019-4662.
- **Roy Biswas, P.** (2010): “Industrial Output of West Bengal’s Manufacturing Sector: An Analysis under Pre and Post-Liberalization Period”, *NSHM Journal of Management Research and Application*, Vol. 2, Issue 2, pp. 28–47, ISSN: 0975-2501.

Selected Conference Proceedings & Working Papers

- **Roy Biswas, P.** and DasGupta, M. (2017): “Liquidity Management in Banking Sector in India – A Study on Public Sector Commercial Banks”, *1st International Conference on Management and Business Practices (ICMBP)*, Aliah University. ISBN: 9789-3834-6330-5.

- **Roy Biswas, P.** and Ghose, A. (2009): “Impact of Trade Liberalization on Productivity Growth of Manufacturing Sector...”, *3rd International Conference on Development and Sustainability*, Department of Economics, The University of Burdwan.
- **Roy Biswas, P.** (2007): “Non-parametric Analysis of Productivity Growth of West Bengal’s Manufacturing Sector: A Disaggregated Study”, *Working Paper #03-07*, pp. 1–38, Centre for Advanced Studies, Economics Department, Jadavpur University.