

CURRICULUM VITAE



DR. PINKI BERA

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PRESENT POSITION

Guest faculty in B. Com at St. Xavier's College, Asansol, West Bengal, India.

EDUCATIONAL QUALIFICATION

- PhD in Economics, Vidyasagar University, India. 2019-2024.
Thesis Title: "Cost Function versus Production Function Approach to Estimation of Adjusted Total Factor Productivity Growth: An Empirical Analysis of Major Energy Intensive Industries in India".
- M.Phil in Economics, Vidyasagar University, India, 2017-2019.
Dissertation on "Energy Intensity and Total Factor Productivity Growth (TFPG) for Some Selected Major Manufacturing Industries in India: 1980-81 To 2011-12".
- M.Sc in Economics, Vidyasagar University, India, 2015-2017.
- B.Sc in Economics (Honours), The University of Burdwan, 2011-2014.

TEACHING EXPERIENCE

3rd August 2017 to 8th February 2019: Guest faculty, Department of Economics, Raniganj Girls' College, Raniganj, West Bengal, India.

SUBJECT TAUGHT

- **Raniganj Girls' College:**
Microeconomics
Macroeconomics
Mathematical economics
Statistical method
Econometrics
- **St. Xavier's College:**
Microeconomics
Macroeconomics
Entrepreneurship Development

PUBLICATION

JOURNAL PUBLICATION

1. Bera. P., Pal. M.K. (2024), A Comparative Analysis between Two Parametric Non-Frontier Approaches to the Measurement of Total Factor Productivity Growth for Indian Paper and Paper Products Industry, Vidyasagar University Journal of Economics, **UGC care**, Vol. XXVIII, 2023-24, pp 171- 183, ISSN - 0975-8003.
2. Das. N., et al. (2023), Does greenwashing obstruct sustainable environmental technologies and green financing from promoting environmental sustainability Analytical evidence from the Indian economy, Sustainable Development (John Wiley & Sons, Inc.), 30(1), pp-1069-1080, <https://doi.org/10.1002/sd.2722> , **SCOPUS Q1. IF- 9.9**
3. Uche. E., Das. N., Bera. P. (2023), Understanding the imperativeness of environmental-related technological innovations in the FDI – environmental performance nexus, *Renewable Energy (Elsevier)*, 206, pp-285-294, <https://doi.org/10.1016/j.renene.2023.02.060>, **SCOPUS Q1. IF- 8.634**
4. Das, N., Gangopadhyay, P., Bera, P., Hossain, M., (2023), Investigating the Nexus between Carbonization and Industrialization under Kaya's Identity: Findings from Novel Multivariate Quantile on Quantile Regression Approach, *Environmental Science and Pollution Research* (Springer-Nature), <https://doi.org/10.1007/s11356-023-25413-x>, **SCOPUS Q1. IF- 5.190**
5. Das. N., et al. (2023), Decarbonization through sustainable energy technologies: Asymmetric evidence from 20 most innovative nations across the globe, *Energy and Environment* (Sage), <https://doi.org/10.1177/0958305X231183921> , **SCOPUS Q2. IF- 4.**
6. Das. N., et al. (2022), Can economic development & environmental sustainability promotes renewable energy consumption in India? Findings from novel dynamic ARDL simulations approach, *Renewable Energy* (Elsevier), 189, pp-221 to 230, <https://doi.org/10.1016/j.renene.2022.02.116>. **SCOPUS Q1. IF- 8.634**

7. Uche. E., Das. N., Bera. P. (2022). Re-examining the environmental Kuznets curve (EKC) for India via the multiple threshold NARDL procedure, *Environmental Science and Pollution Research* (Springer-Nature), <https://doi.org/10.1007/s11356-022-22912-1>, **SCOPUS Q1. IF- 5.190**
8. Uche. E., Das. N., Nwaeze, N., Bera. P. (2022). Navigating the paths to sustainable environments via energy security, renewable energy and eco-complexity: Evidence from array of pollution metrics, *Energy and Environment* (Sage), pp. 1-22, <https://doi.org/10.1177/0958305X221140571> **SCOPUS Q2. IF- 4**
9. Rej. S., Bandyopadhyay. A., Das. N., et al. (2022). The asymmetric influence of environmental-related technological innovation on the climate change mitigation, *Environmental Science and Pollution Research* (Springer-Nature), <https://doi.org/10.1007/s11356-022-23182-7> , **SCOPUS Q1. IF- 5.190**
10. Das. N., Murshed, M., Rej. S., Bandyopadhyay. A., et al. (2022). Can clean energy adoption and international trade contribute to the achievement of India's carbon neutrality agenda? Evidence using quantile ARDL, *International Journal of Sustainable Development & World Ecology* (Taylor & Francis), <https://doi.org/10.1080/13504509.2022.2139780> , **SCOPUS Q1. IF- 4.870**
11. Das. N., et al. (2021). Estimation of TFPG from the cost-function for the Indian manufacturing industries: A Panel-Time series approach, *International Journal of Development and Conflict*, ISSN: 2010-2704, Vol.11, Issue. 2, pp- 175-192, **ABDC B-Tier**. <http://www.ijdc.org.in/volume-11-issue-2.html>
12. Bera. P, et. al. (2021). A Cost Function Approach to the Estimation of Total Factor Productivity Growth in India's Rubber and Plastic Products Industry with Adjustment for Capacity Utilisation: 1981-82 to 2016-17, *Vidyasagar University Journal of Economics*, **UGC care**, Vol. XXV, 2020-21, pp 87- 99, ISSN - 0975-8003. Website of the Journal: <http://inet.vidyasagar.ac.in:8080/jspui/handle/123456789/91>

BOOK CHAPTER PUBLICATION

1. Pal, M.K., Bera, P., Hasan, R. M. (2023). Energy Intensity, Capacity Utilisation and Total Factor Productivity Growth of Indian Iron and Steel Industry: A Cost Function Approach: 1980–1981 to 2016–2017. The Impact of Environmental Emissions and Aggregate Economic Activity on Industry: Theoretical and Empirical Perspectives, Emerald Publishing Limited, Bingley, pp. 313-329. <https://doi.org/10.1108/978-1-80382-577-920231022>
2. Hasan, M.R., Kumar Pal, M. and Bera, P. (2023). A time series analysis of productivity growth and environmental emission in Indian pharmaceutical industry. The Impact of Environmental Emissions and Aggregate Economic Activity on Industry: Theoretical and Empirical Perspectives, Emerald Publishing Limited, Bingley, pp. 155-168. <https://doi.org/10.1108/978-1-80382-577-920231012>. SCOPUS.
3. Pal, M.K., Bera, P. (2022). Is Growth of Output and Productivity in Indian Manufacturing Industries Sustainable? A Cost Function Approach with Adjustment for Capacity Utilization: 1980–1981 to 2016–2017, Chakraborty, C. and Pal, D. (Ed.) Environmental Sustainability, Growth Trajectory and Gender: Contemporary Issues of Developing Economies, Emerald Publishing Limited, Bingley, pp. 105-118. <https://doi.org/10.1108/978-1-80262-153-220221009>
4. Hasan, R. M., Bera, P., Pal, M.K. (2021). A Stochastic Frontier Approach to the Estimation of Total Factor Productivity Growth of Manufacturing Sector: Pre- and Post- WTO Regime Study of West Bengal and All India, Das, R.C (Ed) Global Tariff War: Economic, Political and Social Implications, Emerald Publishing, pp. 173-185. <https://doi.org/10.1108/9781800713147>

REFERENCES

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PERSONAL DETAILS

Date of Birth: 18th December, 1992

Languages: English, Hindi, Bengali

Gender: Female

Category: General

Nationality: Indian

Declaration:

I hereby declare that all the above given information is true to the best of my knowledge.

Place: Asansol

With due respect

Date: 30.04.2025



PINKI BERA