

PREETI PUJA

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Academic Profile

Pursuing a PhD in Economics at the Department of Humanities and Social Sciences, IIT Patna, with research interests in innovation, sustainability, and development economics. My research focuses on the role of technological innovation in enhancing productivity and sustainable growth using advanced econometric techniques and panel data analysis. I have experience as a teaching assistant in undergraduate courses, conducting empirical research, and presenting work at national and international conferences.

Professional Experience

- Associate, State Bank of India, Ghazipur, Uttar Pradesh
Jan 2021 - Jan 2023
 - Managed deposit and withdrawal operations as a Single Window Operator
 - Handled daily banking operations, including financial product promotion, audits, and compliance.
- Teaching Assistant, NPTEL Course - Economics of Intellectual Property Rights, organised by IIT Madras, July-October 2024.
 - Supported the course instructor in designing assessments and reviewing assignments.
 - Engaged with learners through discussion forums and resolved queries.
- Teaching Assistant and Tutorship for UG-level courses at IIT Patna
 - Intellectual Property Rights (IPR): Introduction, Application and Protection, Jan-April 2024, Jan-April 2025.
 - Introductory Microeconomics, July- November 2024 and July-November 2025.
- Reviewed manuscript titled: “*Spatial Patterns of Agricultural Innovation System: Regional Insights from Türkiye*” for the journal Innovation and Development.

Research Interests

- Innovation and Green Productivity
- Development Economics
- Industrial Economics
- Environmental Economics
- Applied Econometrics / Panel Data Analysis

Publications

- Puja, P., & Bharti, N. (2025). "Innovation-Driven Labour Productivity Growth: Empirical Evidence from Developing Economies", *International Journal of Research and Innovation in Social Sciences*, Vol. 9, Issue 15, pp. 650–659.
<https://dx.doi.org/10.47772/IJRISS.2025.915EC0045>

Papers Presented at Conferences

- “Intellectual Property Rights (IPR), Innovation and Agriculture in India” - CIABM 2023, Chandragupt Institute of Management, Patna, Sept 20, 2023
- “A Causal Analysis Between Innovation and Labour Productivity Growth: Evidence from India” - 64th ISLE Annual Conference, University of Hyderabad, Mar 29-31, 2024
- “Innovation and Growth in Labour Productivity: Comparing India and Its Peer Economies”- Globelics-IndiaLICS International Conference, KIIT-DU, Bhubaneswar, Sept 20-21, 2024

Workshops Attended

- Patent Filing, IPR Chair & Incubation Centre, IIT Patna -9th March 2024
- Role of Intellectual Property for Viksit Bharat @2047, CIRF-in-IPHD, AiC Bihar Vidyapeeth, DPIIT-IPR-Chairs -22nd March 2024
- Advanced Panel Data Techniques: GMM Estimation, led by Dr Shilpi Tyagi -29-30 March 2025
- Data Analysis Using R, PGDAV College, University of Delhi - 24th Mar-12th Apr 2025
- Panel Data Econometrics, conducted by the Department of Economics, GITAM School of Humanities and Social Sciences, in collaboration with The Indian Econometric Society (TIES), held at Gandhi Institute of Technology and Management (GITAM), Deemed to-be University, Bengaluru, 06-08 August 2025
- Workshop on ‘ENVIRONOMETRICS using AI & ML’, organised by the Department of Humanities and Social Sciences, National Institute of Technology Rourkela, Odisha, held from 15th to 19th December 2025.

- ‘Five-Day Certificate Course cum One-Day Workshop on Patent, Trademark and Industrial Design’, organised by the DPIIT IPR Chair, IIT Patna, in association with the Incubation Centre, IIT Patna, held from 23rd to 28th February 2026.

Awards and Fellowships

- Awarded Top Rank in B.A. (Economics), Patna Women’s College - 2017
- UGC Junior Research Fellowship (JRF) - awarded by the University Grants Commission (Economics)

Technical Skills

- Econometrics Software: STATA, R, and Python (Basic)
- Other Tools: MS Excel, MS Word, Zotero

Education

Degree	University/Board	Major	Year	Percentage
M.A.	Indira Gandhi National Open University	Economics	2021	67%
B.A.	Patna Women’s College, Patna University	Economics	2017	72.75%
Higher Secondary	CBSE	Science	2014	87.6%
Secondary	CBSE	General	2012	93.1%