

DR. RAHUL CHAKRABORTY



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PERSONAL DETAILS

State of Domicile: West Bengal, India

Alternative phone number: +91-9968816944

Place of Residence: New Delhi, India

Date of Birth: November 15, 1987

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[LinkedIn Profile](#)

EDUCATION

2023 Ph.D. in Economics Jawaharlal Nehru University (*Network structures, government policy, and economic behaviour: Some applications to India's electric vehicle market*)

2014 M.Phil. in Economics Jawaharlal Nehru University (*Deterrence effect of police on crime: An empirical consideration of Indian data 1990-2011*)

2010 M.A. in Economics Jawaharlal Nehru University

2008 B.Sc. (Hons.) in Economics University of Calcutta

RESEARCH INTERESTS

Behavioural Economics, Transportation Research, Environmental Economics, Labour Economics, Economics of Ageing

TEACHING INTERESTS

Transportation Research, Behavioural Economics, Microeconomics, Environmental Economics

FELLOWSHIPS, AWARDS

TERI Roll of Honour for 2023-24 (2024)

UGC Fellowship (2011-2016)

UGC NET (June 2012)

Topper of the Economics Dept. (Maulana Azad College, Kolkata) (2008)

PROFESSIONAL/RESERACH EXPERIENCE

January 2025 – Present *Assistant Professor*, School of Management and Entrepreneurship, Shiv Nadar University, Delhi NCR

July 2022 – January 2025 *Associate Fellow*, Centre for Sustainable Mobility, Transport and Urban Governance Division, The Energy and Resources Institute (TERI), New Delhi

Projects:

- Roadmap for India's energy transition in the transport sector (complete, **principal investigator**)- Engaged in transport modelling, developing future pathways for transport sector decarbonization (funder- Aramco Asia India Pvt. Ltd.)

- DMRC CarbonLite Metro (complete, **lead**) (for DMRC)
- End-to-end assessment of benefits to commuters from portfolio company operations and footprint (complete, **co-principal investigator**) (funder- Eversource Capital)
- Market study and formulation of fuel economy norms for HDVs in India (complete, team member) (funder- the Bureau of Energy Efficiency)
- Strategies to increase railway's share in freight transport in India (complete, team member) (funder- CIFF)
- Baseline study for non-urban road transport (complete, team member) (funder- ISEF)

January 2019 - July 2022 *Research Fellow*, National Institute of Public Finance and Policy, New Delhi

February 2017 - December 2018 *Project Associate*, National Institute of Public Finance and Policy, New Delhi

August 2010 - February 2011 *Junior Project Associate*, National Institute of Public Finance and Policy, New Delhi

PUBLICATIONS

Chakraborty, R., & Prakash, S. (2024). Roadblocks to Indian Railways' 'Mission 3000 MT'. *Economic and Political Weekly*, 59(37), 27-34. (**ABDC B**)

Chakraborty, R., & Chakravarty, S. (2023). Factors affecting acceptance of electric two-wheelers in India: A discrete choice survey. *Transport Policy*, 132, 27-41. (**ABDC A**)

Anand, M. K., & Chakraborty, R. (2020). Theory of multi-level government. In IGNOU, *Block 7, Unit 18, MEC-106 Public Economics*, New Delhi, India: Indira Gandhi National Open University. (**Book chapter**)

Anand, M. K., & Chakraborty, R. (2019). *Public expenditure on old-age income support in India: Largesse for a few, illusory for most* (NIPFP Working Paper Series No. 253).

Chakraborty, R., Chakraborty, S., & Kundu, R. P. (2016). Network of legal citations: An analysis of some Supreme Court decisions on land acquisition in India. In Banerjee, S., Mukherjee, V., & Halder, S. K. (Eds.), *Understanding development: An Indian perspective on legal and economic policy* (pp. 25-35). New Delhi, India: Springer. (**Book chapter**)

Chakraborty, R. (2015). Deterrent effect of police on violent and property crimes: An empirical investigation. *Arthaniti: Journal of Economic Theory and Practice*, 11(1-2), 2012 (published in 2015), pp 48-77. (**Scopus Q2**)

MEDIA ARTICLES, REPORTS

Chakraborty, R., Gupta, S., & Prakash, S. (2024, August 10). Decarbonizing freight transport in India: Railways can play a very crucial role. *Financial Express*.

Chakraborty, R., & Prakash, S. (2023, September 21). Taming the behemoth: The need for a regulator for Indian Railways. *Financial Express*.

Chakraborty, R., & Prakash, S. (2023, September 13). Rail freight policy needs overhaul: A competitive, market-driven pricing policy will help the Railways reclaim lost market share. *The Hindu Businessline*.

Anand, M., & Chakraborty, R. (2022, March 22). Rationality over sentiment: India's social security problem needs more than patchwork. *Financial Express*.

Rahul Chakraborty, PhD

Anand, M. K., & Chakraborty, R. (February, 2019). *Public expenditure on old-age income support in India: Largesse for a few, illusory for most* (NIPFP One Pager No. 39).

TERI. (2024). Roadmap for India's energy transition in the transport sector. New Delhi: TERI.

TERI. (2024). Baseline study for non-urban road transport. New Delhi: TERI.

TERI. (2023). Strategies to increase railway's share in freight in India. New Delhi: TERI.

NIPFP. (2011). Appraisal of UIDSSMT projects in 9 cities of Maharashtra (submitted to the Ministry of Urban Development, Government of India).

WORKS IN PROGRESS

Acceptance of energy efficient vehicles among Indian consumers: A case study of the four-wheeler market, with Sujoy Chakravarty (under review, *Transportation*) (ABDC A)

What motivates electric vehicle purchase intention in India: Results from a stated preference survey, with Sujoy Chakravarty

Harnessing the potential of Railways: Its pivotal role in India's freight transport decarbonization (with Shreya Gupta, Akshaya Paul, Sharif Qamar)

REFEREE WORK

Journal of Cleaner Production, Transportation Research Interdisciplinary Perspectives, International Journal of Sustainable Transportation, Qeios

LANGUAGES

Bengali (native language), English and Hindi

TECHNICAL EXPERTISE

R, LaTeX, MS Office, Gephi, Pajek, STATA

PROFESSIONAL MEMBERSHIP

The Econometric Society (member since January 2022)

Economic Science Association (member since April 2024)

CONFERENCES/INVITED LECTURES

2024: Presented the findings of the report titled "Roadmap for India's energy transition in the transport sector" at the ET Infra Leadership Summit 2024 (December) as an invited speaker, at the Hyatt Regency, New Delhi.

2024: Delivered an invited lecture titled "Behavioural and experimental economics in addressing urban issues" at the School of Planning and Architecture, Bhopal on September 20, organized by Department of Urban and Regional Planning.

2023: Delivered an invited lecture titled "Behavioural economics in transportation research" at the School of Planning and Architecture, Bhopal on November 28, organized by Department of Urban and Regional Planning.

2023: Organized a thematic track titled "Towards net-zero emission target: Electric vehicles in freight" as part of the World Sustainable Development Summit (WSDS) 2023, also delivered the context setting presentation.

2023: Presented a paper titled “Acceptance of energy efficient vehicles among Indian consumers: A case study of the four-wheeler market” in the Asia Meeting of the Econometric Society, 2023.

2021: Presented a paper titled “Factors affecting acceptance of electric two-wheelers in India: A stated preference survey” in the Winter School 2021, organized by Delhi School of Economics and the Econometric Society.

2021: Presented a paper titled “Acceptance of energy efficient vehicles in India: A stated choice experiment” in the 4th International Graduate Seminar on Quality of Living in Informal Settlements, organized by the School of Public Policy and Governance, Tata Institute of Social Sciences, Hyderabad.

2014: Presented a paper titled “Deterrence effect of size of police force on violent and property crimes: An empirical investigation” in the Centenary Research Scholars’ Workshop (International), organized by the Department of Economics, University of Calcutta in 2014.

2013: Presented a paper titled “Police and crime deterrence: Evidence from India” in Golden Jubilee Conference of The Indian Econometric Society (TIES) and Valedictory Celebrations of IGIDR Silver Jubilee Year in December 2013.

THESIS GUIDANCE

External supervisor- 1 (ongoing, M.Sc. Economics student- TERI School of Advanced Studies)

EXTRA CURRICULUM ACTIVITIES

Joint Convener (2014-2015) of JNU Forum for Mutual Learning (a forum run by Central Library, Jawaharlal Nehru University, New Delhi and a student group the university).

A member of the Student Faculty Committee for M.Phil students during 2011-2013 and for Ph.D. students during 2013-2016 at the Centre for Economic Studies and Planning, JNU.

Representative of the students of the Centre for Economic Studies and Planning, JNU in the CESP, JNU Alumni Association for the year 2013-2014.

HOBBIES

Photography, Digital art

REFERENCES

Sujoy Chakravarty

Professor, Jawaharlal Nehru University, New Delhi

sujoyc@gmail.com

Rajendra Kundu

Associate Professor, Jawaharlal Nehru University, New Delhi

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IV Rao

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