



**Name: Debalina Chakravarty**

**Designation: Assistant Professor in Economics**

**Qualifications: BSc, MA, MPhil, PhD.**

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### **Biographical Sketch**

2011-2016	PhD from Department of Economics, Jadavpur University, Kolkata.
2009-2011	M.Phil from Department of Economics, Jadavpur University, Kolkata.
2007-2009	Post Graduation from Department of Economics, Jadavpur University, Kolkata.
2004-2007	Under Graduation from Asutosh College under University of Calcutta, Kolkata.

### **Research Experience & Fellowships**

Dec,2017-June, 2019	Post-Doctoral Research Fellow, IIM Calcutta. <b>Research Area-</b> “Conceptualizing Indian Smart Cities: Criteria for being Climate Resilient” (Urban Economics).
Oct,2010-Jul,2015	Research Fellow (JRF & SRF) at Department of Economics, Jadavpur University, India. <b>Research Area-</b> “Rebound Effect: Empirical Evidence from the Indian Economy”(Energy Economics).
Aug,2013-Dec,2013	Visiting Research Fellow, University of California, Berkeley, USA <b>Research Area-</b> “Electrifying India Intelligently-Bringing Smart Grids to Rural India” (Energy Economics).

### **Areas of Specialisation and Research**

Specialisation: Quantitative Methods and Micro-econometrics.

Her areas of interest for research are Energy Economics, Urban Economics and Transportation Economics.

## Teaching Experience

Jul,2015-Dec,2017	Assistant Professor at Department of Humanities, Social Science and Management, National Institute of Technology (NIT), Jamshedpur, Jharkhand (Under Ministry of Human Resource and Development, Government of India). <b>Courses Taught:</b> Principles of Economics, Engineering Economics
Oct, 2011-Dec, 2014	Teaching Assistant at Department of Economics, Jadavpur University. <b>Courses Taught:</b> Applied Economics, Mathematical Economics
Nov,2009-Oct,2010	Guest Lecturer at Asutosh College and Vijaygarh Jyotish Roy College (under University of Calcutta). <b>Courses Taught:</b> Statistics, Micro-economics

## Administrative Responsibility

## Publications

### Chapter/Article published in Books

1. (2021) “An Advance Methodology for Estimating the Elasticities and Rebound Effect”, (D Chakravarty and P Chatterjee), Contemporary Issues in Sustainable Development: The Case of India (ed) Tanika Chakraborty, Deep Mukherjee, Sarani Saha, Routledge, NY.  
<https://www.routledge.com/Contemporary-Issues-in-Sustainable-Development-The-Case-of-India/Chakraborty-Mukherjee-Saha/p/book/9781138227101>
2. (2018) “Alignment of national action to global goal is crucial more crucial is alignment of national and sub-national actions: How is this emerging in India?”. Climate Governance in South Asia (J Roy, S Dasgupta, D Ghosh, N Das, D Chakravarty). Taylor & Francis. ISBN: 9781138054509.
3. (2016) “The Global South: New Estimates and Insights from Urban India”, Rethinking Climate and Energy Policies: New Perspectives on the Rebound Phenomenon (Chakravarty D, Roy J), Edited by Tilman Santarius, Hans Jakob Walnum, Carlo Aall. Springer International Publishing, Switzerland. ISBN 978-3-319-38805-2, ISBN 9783-319-38807-6 (eBook), DOI 10.1007/978-3-319-38807-6.
4. (2013) “Energy efficiency: technology and behaviour”, Handbook of Global Energy Policy (Roy J, Dasgupta S, Chakravarty D). Edited by Golthau A. Wiley Blackwell. Pp 282-302. ISBN: 978-0-470-67264-8. Web link: <http://as.wiley.com/WileyCDA/WileyTitle/productCd0470672641.html>
5. (2013) “Electricity Sector in India: Policy Evolution in Past Two Decades”. Two Decades of Economic Reforms in India (Chakravarty, D). Regal Publishers, New Delhi. ISBN Number: 978-81-8484-284-5.

## Article published in Peer-reviewed journals

1. (2022) “Do commuters intend to avail Electric Street Cars as public transport? Evidence from Urban India”, (Dey O, Chakravarty D), International Journal of Emerging Markets. ISSN: 1746-8809, eISSN: 1746-8817.
2. (2022) “The Emergence of New-poor in India: Dimensions and Indicators”, (Patra S, Chakravarty D), Artha Beekshan Journal of Bangiya Arthaniti Parishad (Bengal Economic Association), 31(2).
3. (2021) “Solar Microgrids in Rural India: A Case Study of Household Benefits”, (Chakravarty D, Roy J), Ecology, Economy and Society –the INSEE Journal, 4(2), 65-93.
4. (2021) “Energy Efficiency: What has it Delivered in the Last 40 years?”, Annual Review of Environment and Resources (Saunders et al.), 46:135-165.
5. (2018) “Where is the hope? Blending modern urban lifestyle with cultural practices in India”. Current Opinion on Environmental Sustainability (Roy J, Chakravarty D, S Dasgupta), Vol. 31, Pp. 96-103. ISSN: 1877-3435.
6. (2017) “Can Low Carbon Urban Development be Pro Poor? The case of Kolkata, India”, Environment and Urbanization, (Colenbrander, S., Gouldson, A.P., Roy, J., Kerr, N., Sardar, S., Hall, S., Sudmant, A., Ghatak, A., Chakravarty, D., Gangly, D. and McAnulla, F.). Vol. 29.1, Pp. 139-158. ISSN: 0956-2478
7. (2016) “Low Carbon Green Growth Strategies and Sustainable Development for Mega Cities: A Case Study of Kolkata”, Amity Journal of Economics, (Roy J, Ganguly D, Chakravarty D.). Vol 1(1). ISSN:2455-9733.
8. (2013) Rebound effect: how much to worry?, Current Opinion on Environmental Sustainability (Chakravarty D, Dasgupta S, Roy J), 5(2):216-228. ISSN: 1877-3435.

## Working Paper:

1. (2019) “Will India’s Smart cities be Climate Resilient? Evidence from Pune, India”, (Chakravarty D, Sarkar R). Working paper no. 831. Weblink: [https://www.iimcal.ac.in/sites/all/files/pdfs/wps\\_831.pdf](https://www.iimcal.ac.in/sites/all/files/pdfs/wps_831.pdf)
2. (2018) “Conceptualizing Indian Smart Cities: Criteria for being Climate Resilient” (Chakravarty D, Sarkar R). Working paper no. 817. Weblink:[https://www.iimcal.ac.in/sites/all/files/pdfs/wps\\_817.pdf](https://www.iimcal.ac.in/sites/all/files/pdfs/wps_817.pdf)
3. (2018) “Is Electric Street Car a Sustainable Public Transport System in India? A Demand Side Analysis”. (Dey O, Chakravarty D) Weblink of the working paper: <https://www.isid.ac.in/~epu/acegd2018/papers/OindrilaDey.pdf>.

## Articles in Popular Media:

1. (2019), “Govt needs to revisit smart city challenges”, Chakravarty D. The Financial Express, Dated 23.03.2019. Weblink: <https://www.financialexpress.com/opinion/govt-needs-to-revisit-smart-city-challenges-heres-why/1524439/>
2. (2020), “Why Multi-Modal Public Transport Is an Important Part of India’s Climate Action”, Chakravarty D & Dey O. The Wire. Dated 31.03.2020. Weblink: <https://science.thewire.in/environment/why-multi-modal-public-transport-is-an-important-part-of-indias-climate-action/>
3. (2021), “Trust and crisis management in India under COVID-19”, Dey O & Chakravarty D. The East Asia Forum. Dated 22.07.2021. Weblink: <https://www.eastasiaforum.org/2021/07/22/trust-and-crisis-management-in-india-under-covid-19/>