Dr. DEVLINA

Assistant Professor Madras School of Economics, Chennai



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Research Interest

Industrial Economics, Institutional Economics, Empirical Economics, Applied Econometrics, Gender and Climate Studies.

WORK EXPERIENCE

May, 2025 – present **Assistant Professor** Madras School of Economics, Chennai Jan, 2025 – May, 2025 Post-Doc Fellow (adhoc) Indian Institute of Technology Madras, Chennai Jan, 2021 – Nov, 2024 **Teaching Assistant (TA)** Department of Humanities and Social Science, IIT Madras Department of Management Studies, IIT Madras Nov, 2018 – Feb, 2020 **Associate Data Scientist Cognizant Technology Solutions** May 10 - June 30, 2017 **Reserve Bank of India, regional office of Chennai** (intern) May 16 - June 22, 2016 Management Advisory Services Division of MECON Limited, Ranchi (intern) Jan 15 - March 15, Centre for Training and Research in Public Finance and Policy (CTRPFP), 2015. **Centre for Studies in Social Sciences (CSSS), Calcutta** (intern)

EDUCATION

Doctor Of Philosophy (Economics), Indian Institute of Technology Madras (IITM) 2020-2024 Thesis Title: Corruption and Firm Behaviour: A Study of Firms in the Manufacturing Sector of India

2013-2018 Integrated MSc Economics, Central University of Tamil Nadu (CUTN), in affiliation with Madras School of Economics (MSE)

PUBLICATIONS

- ➤ Devlina, Rao R. R., and Sahu, S.K. (2023). Corruption and carbon emission: an empirical investigation, International Journal of Green Economics, 16(4): 355-388. https://doi.org/10.1504/IJGE.2022.129000
- ➤ Devlina and Sahu, S.K. (2023). Bureaucratic and Societal Determinants of Female-led Microenterprises in India, Administrative Sciences, 13(3): 68. https://doi.org/10.3390/admsci13030068

WORKING PAPERS

- Corruption vulnerability of the informal sector in India., with Dr. Santosh Kumar Sahu
- ➤ Does corruption moderate the effect of misallocation on firm productivity? with Dr. Santosh Kumar Sahu.
- > Bribery and efficiency of labour investments in Indian manufacturing., with Dr. Santosh Kumar Sahu
- ➤ What determines vulnerability to corruption? International evidence using firm-level data., with Dr. Chandan Kumar Jha and Dr. Santosh Kumar Sahu
- ➤ Probability of bribing at the firm-level: A machine learning predictive modelling approach., with Dr. Santosh Kumar Sahu
- ➤ Is innovation in the Indian manufacturing sector influenced by corruption? with Dr. Santosh Kumar Sahu

CONFERENCES & WORKSHOPS

Presentations

- Oct 21-22, 18th International Convention, East Asian Economic Association (EAEA), Seoul
 - 2023 **National University, South Korea**Paper Title: Corruption and Firm Efficiency: Case of Indian Manufacturing
- July 24-25, 24th Biennial Conference of Association of Indian Economic and Financial Studies
 - 2023 (AIEFS), IIT Madras, Chennai
 Paper Title: Bribery in Indian Manufacturing: Estimation and Impact on Firm Efficiency
 - July 4-5, Warsaw International Economic Meeting (WIEM) 2023, University of Warsaw,
 - Poland
 Paper Title: Bribery in Indian Manufacturing: Estimation and Impact on Firm Efficiency
- Jan 10-12, Asia Meeting of the Econometric Society, IIT Bombay, Mumbai
 - 2023 Paper Title: Bribery Demands and Output-Wage Ratio: A Study of Firms in the Manufacturing Sector of India

April 13, International Workshop on "Political Economy of Industrialization in India: A Pro-

2022 Labour Perspective" organized by Department of Humanities and Social Sciences, IIT Madras in collaboration with University of Manchester, UK and Kobe University, Japan

Paper Title: Informal Labour Market & Bribery in India

March 17-21, Western Economic Association International (WEAI) Virtual International

2021 Conference

Paper Title: What Determines Vulnerability to Corruption? International Evidence using Firm-Level Data

March 17-21, Western Economic Association International (WEAI) Virtual International

2021 Conference

Paper Title: The Effects of Corruption on Carbon Emission: An Empirical Investigation

16th International Convention, East Asian Economic Association (EAEA), National Taiwan University, Taiwan

Paper Title: Firm level determinants of corruption: The Indian experience

Acceptance

Nov 24-25, 4th International Workshop on Corruption, Institute for Corruption Studies, Illinois

2022 State University, Catania, Italy

Paper Title: Impact of Estimated Bribe Scores on Firm Wage Efficiency: A Study of Manufacturing Firms in India

Nov 18-20, 93rd Annual Meeting of the Southern Economic Association, New Orleans, USA

2023 Paper Title: Impact of Corruption on Firm Performance: Case of Indian Manufacturing

ACHIEVEMENTS

- Awardee of Post-Doctoral Equivalent Fellowship (PDEF), IIT Madras for PhD submission within 4.5 years (July 2024 Dec 2024).
- Awardee of IIT Madras HTRA Fellowship for PhD candidates (Jan 2020 June 2024).
- ➤ Qualified University Grants Commission's National Eligibility Test for Economics: July 2018.
- Rank 1 (gold medallist) for Department of Economics in the integrated programme of MSc Economics (2013-18).
- ➤ Shortlisted for INSPIRE Scholarship by MHRD, Govt. of India for being in the Top 1% in Science Stream of All India Senior Secondary Certificate Examination-2013 conducted by Central Board of Secondary Education.