

CURRICULUM VITAE

Dr. Dipti Sharma

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Professional Profiles

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POSITION & OFFICIAL ADDRESS

Associate Professor in Economics

Department of Humanities & Social Sciences

Malaviya National Institute of Technology Jaipur

Former Adjunct Faculty in the Department of Management Studies (2008-2020)

JLN, Marg, Jaipur-302017, Rajasthan, India

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RESEARCH INTERESTS

Area of interest is economics, energy economics, energy policies, management and security. Have been engaged in research related to Indian power sector, reforms and restructuring process and its impact, supply side and demand side management, electricity markets and power trading, solar based rural electrification in Rajasthan, Indian automotive manufacturing sector, international trade, sustainable development, sustainable manufacturing, green economics, green finance, climate finance and climate change & net zero emissions etc.

EDUCATION

- Ph.D., Department of Economics, University of Rajasthan, 2000.
Ph.D. Thesis "Economical Design of Power Generation, Transmission & Distribution".
- M.A. (Economics), University of Rajasthan, 1989.
- B.A (Hons.) Economics, University of Rajasthan, 1986.

TEACHING EXPERIENCE

Total 30 plus years of teaching Economics at Malaviya National Institute of Technology Jaipur and various engineering, management, architecture and degree colleges of Jaipur since July, 1995.

- Associate Professor, Malaviya National Institute of Technology Jaipur, May 2018 to Present.
- Assistant Professor, Malaviya National Institute of Technology Jaipur, March 2008 to May 2018.
- Faculty, Malaviya National Institute of Technology Jaipur, July 1995 to March 2008.

AREA OF SPECIALISATION IN TEACHING & RESEARCH

Micro & Macro Economics, Industrial Economics, Indian Economy and Policy & Energy Economics, Green Economics, Green Finance and Investment, Sustainable Development and Climate Change.

RESEARCH EXPERIENCE

- Worked as a Research Analyst cum Programmer in the Project "**Environmental and Socioeconomic Action Plan, Bisalpur Irrigation and Water Supply Project**" sponsored by the Government of Rajasthan, from October, 1989 to June, 1991. Participated in data collection and analysis and was instrumental in the software development relating to a large set of socioeconomic data comprising of profiles of 2650 households of 63 villages of the Project.
- **Ongoing Sponsored Research Project:** Project entitled, *Empowering India's Green Energy Transition: An Empirical Study of Solar Energy Integration in Agriculture*, funded by ICSSR for 12 lakh under Solar Energy & Sustainability 2024-25 was awarded from January, 2025.

- **Ph.D. Supervision**

Nine Awarded and Five Ongoing.

- **Publications**

More than 50 research papers (including conference publications and book chapters) published with reputed national and international publishers like Inderscience Publishers, Elsevier (ScienceDirect), Springer, ABDC journals, Emerald Publishers, Atlantis Press & ProQuest titles and Scopus-indexed.

Some Recent and Reputed Publications

1. Varuni Sharma, **Dipti Sharma** and Harish Sharma (2026), "Green Goals, Gray Areas: Understanding the Complexities of Electric Vehicle Adoption in India", *Review of Integrative Business and Economics Research* (GMP Press and Printing Co) Volume: 15(1), 854-868, Scopus indexed.
2. K. Agrawal and **D. Sharma** (2025), "Decarbonizing the Indian Road Transport Sector: A Cost-Benefit Analysis," *IEEE 5th International Conference on Sustainable Energy and Future Electric Transportation (SEFET)*, Jaipur, India, 2025, pp. 1-6, 10.1109/SEFET65155.2025.11255629, Scopus indexed.

3. D. Batra and **D. Sharma** (2025), "Decarbonizing the Indian Textile Industry: A DEA-Based Efficiency Analysis," *IEEE 5th International Conference on Sustainable Energy and Future Electric Transportation (SEFET)*, Jaipur, India, 2025, pp. 1-7, 10.1109/SEFET65155.2025.11255355, Scopus indexed.
4. Bhatnagar, S., **Sharma, D.**, and Singh, V. V (2025), "Green finance and investment in India: Unveiling enablers and barriers for a sustainable future", *Journal of Cleaner Production* (Elsevier) Volume: 493, 144908, Scopus indexed.
5. Bhatnagar Sumedha, **Sharma Dipti**, and Bundel Rashmi (2024), "Green Finance and Investment Index for Assessing Scenario and Performance in Selected Countries", *World Development Sustainability* (SSCI) (Elsevier) Volume: 5, 100183, Scopus indexed.
6. Varuni Sharma, **Dipti Sharma** and Harish Sharma (2024), "Understanding the Factors behind Consumers' Purchase Intention toward Electric Cars in India", *Review of Integrative Business and Economics Research* (GMP Press and Printing), Volume:13(4),1-17, Scopus Indexed.
7. Sumedha Bhatnagar and **Dipti Sharma** (2024), "Assessing Growth of Green Finance and Investment in Select Developed and Developing Countries", *International Symposia in Economic Theory and Econometrics: Financial Technology and Social Development in Emerging Economies* (Emerald), Volume: 34, 55-76, Scopus indexed.
8. Sumedha Bhatnagar, **Dipti Sharma** (2022). "Green Investment in Renewable Energy Projects: A Path to Cleaner Revival in Post-pandemic India", *Vision: The Journal of Business Perspective* (SAGE) Volume: 4, 1-18, Scopus indexed.
9. S. Bhatnagar, **D. Sharma** (2022). "Evolution of green finance and its enablers: A bibliometric analysis", *Renewable and Sustainable Energy Reviews* (Elsevier) Volume: 62, 112405, Scopus indexed.
10. Deepika Joshi and **Dipti Sharma** (2022). "Are Public Sector Banks Ready to Rollout AI Driven Projects? Employee Perception in Bangalore INDIA", *The Indian Economic Journal* (The Indian Economic Association) Volume: Sp. Issue, 175-185.
11. Sumedha Bhatnagar and **Dipti Sharma** (2021). "Green financing in India: identifying future scope for innovation in financial system", *International Journal of Green Economics* (Inderscience Publishers) Volume:15 (3), 185-212, Scopus Indexed.
12. S. Bhatnagar, **D. Sharma** and S. Agarwal (2021). "Can Industry 4.0 Revolutionize the Wave of Green Finance Adoption: A Bibliometric Analysis", *Lecture Notes in Mechanical Engineering*, 515-525, ISBN 978-981-16-3032-3, published by Springer, Scopus Indexed.
13. Namrata Bhardwaj, **Dipti Sharma** (2020). "Financial Sustainability of Indian Power Sector: Curbing Losses of Distribution Companies", *Review of Integrative Business and Economics Research*, Volume: 9 s3; 166-184, ISSN: 2706-8854 Online, Scopus indexed.

14. Amit Sharma, Namrata Bhardwaj & **Dipti Sharma** (2018). "Estimating the long run relationship between the Agriculture Growth and Environmental Variables: A Cointegration Approach", *Book Chapter*, ISBN:978-93-87756-47-2 published by - Mayas Publication, New Delhi.
15. Amit Kumar Sharma, **Dipti Sharma** (2018). "An Analysis of Competition in Short Term Power Market in India", *Review of Integrative Business and Economics Research* Volume:7 s4; 113-130, ISSN: 2304-1013, ProQuest title.
16. Choudhary Boola, **Sharma Dipti** (2016). "Decentralized Solar Power for Rural Electrification in India: A Review", *International Journal of Latest Technology in Engineering, Management & Applied Science*, Volume: 5 Issue 8; 28-33, ISSN: 2278-2540.
17. **Dipti Sharma** (2015). "Changing Scenario of Indian Electricity Supply Industry: Study of Short-Term Power Market in India", *Energy Security and Development The Global Context and Indian Perspectives, Book Chapter*; 349-361, ISBN: 978-81-322-2064-0 published by - Springer India, Scopus Indexed.
18. Choudhary Boola, **Sharma Dipti** (2015). "Solar Energy for Sustainable Growth and Employment Generation in Rural Rajasthan: A Case Study", *The Indian Economic Journal: Policies and Strategies for Growth and Job Creation*, Volume:2; 155-163.
19. Singh Shikha, **Sharma Dipti** (2014). "Impact of European Union and ASEAN countries on India's trade volume using gravity model: a panel data approach", *Indian Economic Journal: Emerging Trends in Trade and Capital Flows* Volume:1; 323-334; ISSN: 0019-4662.
20. Oum Kumari. R., **Sharma Dipti** (2013). "Attaining Energy Efficiency through Management of Residential Demand -An Empirical Study of Jaipur City", *International Journal of Science and Technology* (<http://ejournalofsciences.org/>), Volume: 3 No. 1; 48-52. ISSN: 2224-3577.
21. Shikha Singh, Chauhan A. K. and **Dipti Sharma** (2012). "Determinants of Job Satisfaction and Migration Behavior of Contract Labors In Delhi and NCR", *Asian Journal of Research in Social Sciences & Humanities*, Volume: 2; 47-58. ISSN: 2249-7315.
22. Deepika Joshi, Bimal Nepal, Ajay Pal Singh Rathore, **Dipti Sharma** (2013). "On supply chain competitiveness of Indian automotive component manufacturing industry", *International Journal of Production Economics* Volume: 143; 151-161, Scopus Indexed.
23. Joshi, D. and Rathore, A.P.S. and **Sharma, D.** and Nepal, B (2011), Determinants of competitiveness and their relative importance: A study of Indian auto-component industry, *International Journal of Services and Operations Management*, Volume:10 (4), 426-448, Scopus Indexed.

PROFESSIONAL MEMBERSHIPS

- Life Member of Indian Economic Association
- Life Member of Rajasthan Economic Association.

ADMINISTRATIVE & ACADEMIC RESPONSIBILITIES

- Head of the Department of Humanities and Social Sciences at Malaviya National Institute of Technology Jaipur from June 2021- May 2023.
- Member, Department Infrastructure & Budget Committee in Malaviya National Institute of Technology Jaipur from - 21-07-2023 to till date.
- Convener Departmental Under Graduate Committee (HSS) at Malaviya National Institute of Technology Jaipur from July 2024 to till date.
- PG Lab (HSS) Coordinator at Malaviya National Institute of Technology Jaipur from July 2023- June 2024.
- Convener Departmental Selection Committee (HSS) at Malaviya National Institute of Technology Jaipur from July 2018 to June 2020.
- Department Coordinator Examinations (HSS) at Malaviya National Institute of Technology Jaipur since July 2016 to June 2021.
- Department Faculty Coordinator for NIRF Ranking at Malaviya National Institute of Technology Jaipur since November 2018 to 2021.
- Convener Departmental Post Graduate Committee (HSS) at Malaviya National Institute of Technology Jaipur from July 2016 to July 2018.
- Convener Departmental Under Graduate Committee (HSS) at Malaviya National Institute of Technology Jaipur from July 2011 to December 2013.
- Coordinator Institute Newsletter/Magazine at Malaviya National Institute of Technology Jaipur from June 2015 to December 2018.
- Member Senate Curriculum Committee at Malaviya National Institute of Technology Jaipur from June 2012 to May 2014.
- Warden, Gargi Girls Hostel at Malaviya National Institute of Technology Jaipur from December 2010 to August 2013.
- Member Proctorial Board at Malaviya National Institute of Technology Jaipur from July 2010 to July 2011.
- Served as External Member of PG Committees of DMS, CSE, Maths and currently Mechanical Engineering Department at MNITJ.
- Faculty Advisor for different societies made annually under Creative Arts and Cultural Society at Malaviya National Institute of Technology Jaipur from July 2009 to July 2019.
- Faculty Advisor to students during RBI Policy Challenge 2020 at Reserve Bank of India from November 2019 to February 2020.

ADDITIONAL QUALIFICATIONS

- Advanced Diploma in Computer Software Applications & Management with Grade A +

AWARDS & HONOURS

- Supervisor of Best Entry (Regional Round) at *RBI Policy Challenge 2020* given by Reserve Bank of India Year - 2020.
- Best Research Paper -Runners Up Award in the General Management Track at *International Research Conference on Revitalizing Economies, Pioneering Innovation* given by Jammalal Bajaj Institute of Management Studies, University of Mumbai Year - 2016.
- First Prize for Best paper presented at the *National Conference on Global Economic Upheavals & Strategic Management Initiatives* given by Apex Institute of Management & Science, Jaipur Year - 2009.
- Holder of Merit Certificates under the *National Scholarship Scheme of the Ministry of Education and Culture, Govt. of India* in Secondary, 1982 and Higher Secondary, 1983 Exams.

INTERESTS

- Reading
- Interior Decoration.