

**MADAN DHANORA**  
**Assistant Professor (Economics)**  
**Maulana Azad National Institute of Technology Bhopal**  
**E-mail:**  
**[madan.dhanora@manit.ac.in](mailto:madan.dhanora@manit.ac.in) / [bhu.madan@gmail.com](mailto:bhu.madan@gmail.com)**  
**Mobile: +91 9755489502**

### **Academic Qualifications**

- Ph.D. (Economics), **Indian Institute of Technology Indore**, India (2019)

*Title of Dissertation:* Innovation and market structure: Exploring the feedback effect, the role of policy regime and types of innovation

*Course work CGPA:* 9.15 (10 Point scale)

**Supervisor:** Dr. Ruchi Sharma

- M.A. (Economics), CGPA: 8.38 (10 Point scale), **School of Economics, University of Hyderabad**, India (2014)
- B.A. (Economics Honours), Graduated with 71.88% marks, **Banaras Hindu University**, India (2012)

### **Referred publications**

Sharma, R., Sharma, T. and **Dhanora, M.**, 2025. From Patent Filing to Market Success: Assessing the Commercialization Gap in Indian Startups. *Millennial Asia*, p.09763996251392712.

**Dhanora, M.**, Danish, M.S. and Jain, A., 2024. Global Dominance and Local Innovation: Exploring Non-linear Ties in India's Pharma Sector. *Vision*, p.09722629241286210.

**Dhanora, M.** and Danish, M.S., Assessing Productivity Dynamics in the Indian Pharmaceutical Industry: A Comparative Analysis of the Foreign and the Domestic Ownership Influences. *Millennial Asia*, p.09763996241255424.

Danish, M., **Dhanora, M.** and Harish, M.D., 2022. Technology purchase, in-house R&D, and patenting: An empirical analysis of firms in high-and medium-technology industries In India. *International Journal of Innovation Management*, 26(07), p.2250055.

Danish, M.S., Haider, S., **Dhanora, M.** and Sharma, R., 2021. Modelling two-way relationship between innovation and internationalisation: does learning by export matter?. *Transnational Corporations Review*, 13(3), pp.253-268.

Danish, M.S., Sharma, R. and **Dhanora, M.**, 2021. Impact of patent quality on firm performance: a case of Indian pharmaceutical industry. *International Journal of Innovation and Technology Management*, 17(07), p.2050054.

**Dhanora, M.**, Sharma, R. and Park, W.G., 2021. Technological innovations and market power: A study of Indian pharmaceutical industry. *Millennial Asia*, 12(1), pp.5-34.

**Dhanora, M.**, Danish, M.S. and Sharma, R., 2021. Technological innovations and firms' productivity in new patent regime: Evidences from Indian pharmaceutical industry. *Journal of Public Affairs*, 21(1), p.e2136.

**Dhanora, M.**, Sharma, R. and Jose, M., 2020. Two-way relationship between innovation and market structure: evidence from Indian high and medium technology firms. *Economics of Innovation and New Technology*, 29(2), pp.147-168.

Jose, M., Sharma, R. and **Dhanora, M.**, 2020. R&D tax incentive scheme and in-house R&D expenditure: Evidences from Indian firms. *Journal of Advances in Management Research*, 17(3), pp.333-349.

**Dhanora, M.**, Sharma, R. and Khachoo, Q., 2018. Non-linear impact of product and process innovations on market power: A theoretical and empirical investigation. *Economic Modelling*, 70, pp.67-77.

Khachoo, Q., Sharma, R. and **Dhanora, M.**, 2018. Does proximity to the frontier facilitate FDI-spawned spillovers on innovation and productivity?. *Journal of Economics and Business*, 97, pp.39-49.

Sharma, R., Paswan, A.K., Ambrammal, S.K. and **Dhanora, M.**, 2018. Impact of patent policy changes on R&D expenditure by industries in India. *The Journal of World Intellectual Property*, 21(1-2), pp.52-69.

## **Blog**

1. **What Is Stalling Private Sector Innovation in India?** *Asia Economics Blog*, **American Committee on Asian Economic Studies** (<http://acaes.us/blog/what-is-stalling-private-sector-innovation-in-india>)

(Publisher: American Committee on Asian Economic Studies)

## **International travel grants**

1. Received travel grant by AfricaLics to attend **16<sup>th</sup> Globelics Conference** at Accra, Ghana.
2. Received travel grant by International Schumpeter Society to attend **17<sup>th</sup> International Schumpeter Society (ISS 2018)** Conference at Seoul, South Korea.

### **Sponsored Research Project**

- Principal Investigator (PI) of the project titled “Exploring the Intellectual Property Landscape of Indian Healthcare and Life Science Startups” funded by The Institute of Chartered Accountants of India (ICAI), New Delhi, under its Research Project Scheme.  
**Sanctioned amount 6 Lakhs**
  
- Co-PI of the project titled “*Exploring patenting behaviour of the firm*” with PI Dr. Ruchi Sharma (IIT Indore), Co-PI Dr. Puneet Gupta (IIT Indore) and Janak Nabar (CTIER Pune) funded by ICSSR.  
**Sanctioned amount 15 Lakhs.**
  
- Co-PI of the project titled “*Patent policy and innovation: A case of the Indian pharmaceutical industry*” with Dr. Ruchi Sharma (IIT Indore), Prof. Walter G. Park (American University), Dr. Bernhard G. Gunter (American University), Dr. Kristina M.L. Acri (The Colorado College) funded by SPARC. **Sanctioned amount 66.50 Lakhs.**
  
- Co-PI of the project titled “*Conversion of Plastic Waste into Liquid Fuels: Multifaceted Potential and its Public Acceptance*” with Dr. Vipin V., Dr. Sankar Chakma, Dr. Madan Dhanora, Prof. Adarsh K.V., Dr. Abhinav Jindal, and Dr. Puvvula SRVRSS Vidyasagar, funded by ICSSR under the special call for Vision Viksit Bharat@2047. **Sanctioned amount ₹20,00,000.**

### Peer-reviewed conference papers

1. Do foreign firms enjoy monopoly power under product patent regime? Study of Indian pharmaceutical industry. 11<sup>th</sup> Annual International Conference on Globalization of Technology and Development organized by Forum for Global Knowledge Sharing (FGKS), held at IIT Madras from December 3-5, 2016. Available at <http://fgks.in/index.php/conference-papers/2016-conference-papers>. [Co-authors: Ruchi Sharma]
2. Innovation and competition in Indian medium and high technology industries. 12<sup>th</sup> Annual International Conference on Changing Paradigms in Technology, Trade and Development organized by Forum for Global Knowledge Sharing (FGKS), held at Nabakrushna Choudhury Centre for Development Studies (NCDS), Bhubaneswar from November 10-12, 2017. Available at <http://fgks.in/index.php/conference-papers/2017>. [Co-authors: Ruchi Sharma]

### List of Papers presented in conferences

#### *International*

1. Presented paper titled “Patent Policy Changes in India and Its Implications” **20<sup>th</sup> Anniversary GLOBELICS International Conference 2023** on Innovation Driven Knowledge Economies and Transformation in the Global South organized by Gulati Institute of Finance and Taxation (GIFT), India during October 11-14, 2023.
2. Presented paper titled “International Competition and R&D Expenditure: Evidence from Indian Manufacturing Industries” **The IndiaLics International Conference 2022** on India’s Innovation System @ 75: Achievements, Limits and Way Forward Organized, organized by School of Humanities and Social Sciences, IIT Indore, during December 21-23, 2022.
3. Presented paper titled “The impact of technological capability on patent performance in Indian manufacturing firms” **19<sup>th</sup> International Schumpeter Society (ISS 2022) Conference** on Technological revolution and new driving forces for global sustainable development, organized by Hunan Normal University, University in Changsha, China during July 08-10, 2022.
4. Presented paper titled “Do MNEs enjoy monopoly power under product patent regime? A study of Indian pharmaceutical industry” **9<sup>th</sup> Asia-Pacific Innovation Conference 2018**, organized by Department of Economics, Delhi School of Economics, Delhi, India during December 13-14, 2018.

5. Presented paper titled “Technology purchase, in-house R&D and patenting: A study based on Indian high and medium technology industries” **17<sup>th</sup> International Schumpeter Society (ISS 2018) Conference** organized by Seoul National University, Seoul, South Korea during July 02-04, 2018.
6. Presented paper titled “Types of innovation and firms’ performance: Evidence from Indian pharmaceutical industry” **16<sup>th</sup> Globelics Conference** on Innovation, Economic Growth and Sustainable Development: Strengthening Institutions for Greater Relevance, Effectiveness and Inclusivity, organized by CSIR-STEPRI at Accra, Ghana during October 24-26, 2018.

### **National**

1. Presented paper titled “Technology purchase, in-house R&D and patenting: A study based on Indian high and medium technology industries” in **54<sup>th</sup> Annual Conference of the Indian Econometric Society (TIES)** organized by Shri Mata Vishnodevi University, Katra, Jammu during March 7-9, 2018.
2. Presented paper titled “In-house R&D expenditure and technology imports in Indian high and medium technology industries” in **5<sup>th</sup> Biennial Indian Academy of Management conference 2017 (INDAM 2017)** organized by IIM Indore during December 20, 2017.
3. Presented paper titled “Innovation and market structure in Indian high and medium technology industries” in **12<sup>th</sup> Annual International Conference on Globalization of Technology and Development** organized by **Forum for Global Knowledge Sharing (FGKS)** and Nabakrushna Choudhury Centre for Development Studies (NCDS), Bhubaneswar during November 10-12, 2017.
4. Presented paper titled “Do foreign firms enjoy monopoly power under product patent regime? Study of Indian pharmaceutical industry” in **11<sup>th</sup> Annual International Conference on Globalization of Technology and Development** organized by **Forum for Global Knowledge Sharing (FGKS)** and IIT Madras during December 3-5, 2016.
5. Presented paper titled “Do intellectual property rights encourage business opportunity” in **3<sup>rd</sup> International Conference on Management of Intellectual Property and Strategy (MIPS 2016)**, organized by IIT Bombay and NITIE Mumbai during July 14 -16, 2016.

### **Journal Article Refereeing**

1. Industrial and Corporate Change
2. Economic Modelling
3. Emerging Markets Finance and Trade
4. Construction Management and Economics
5. Economics of Innovation and New Technology
6. Journal of Public Affairs
7. Economic Notes
8. Scientometrics
9. The Singapore Economic Review
10. Sage Open
11. Asian Journal of Technology Innovation
12. Millennial Asia
13. Innovation: The European Journal of Social Science Research

14. International Studies of Economics

**Awards and achievements**

1. Qualified for UGC Junior Research Fellowship (JRF) (June 2014 and December 2014).
2. Qualified for UGC- JRF (June 2014).
3. Awarded Banaras Hindu University (BHU) prize for standing first in B.A. (Honours) Economics (2012), Banaras Hindu University, India.
4. Awarded Central Sector Scheme of Scholarship for College and University Students for the period 2009-2014, Ministry of Human Resource and Development (Govt. of India).

**List of Workshops and GIAN courses attended**

1. Attended Workshop on “Design and Evaluation of Innovation Policy in Developing Countries” organized by UNU-MERIT, Maastricht and Centre for Development Studies, Trivandrum during February 12-16, 2018.
2. Completed Global Initiative of Academic Network (GIAN) course on “Economics of Science, Technology and Innovation: Empirical Approaches and Randomized Control Trials (RCTs)” organized by IIT Indore during January 10-14, 2018.
3. Completed GIAN course on “Intellectual Property Rights and Economic Development” organized by IIT Indore during December 12-16, 2016.

**Language known**

English & Hindi

**Personal information**

D.O.B: 09.01.1990

Sex: Male

Marital Status: Married

Nationality: Indian

Permanent Address: Village-Dharsikheda,  
Post-Bhainsola , Dist.- Dhar, Madhya Pradesh- 454660.