



Dr. Rachna Mathur

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Assistant Professor | Author | Paper Setter | Researcher | YouTube Content Creator

Qualified UGC NET with JRF - June 2006

<u>Education</u>	<u>University</u>	<u>Year</u>	<u>Percentage</u>
Ph.D. (Health Economics)	Jamia Millia Islamia	New Delhi, 2014	
M.A. (Economics)	Patna University	Patna, 2003	65.94%
B.A. (Economics)	Patna University	Patna, 2001	68%

***Ph.D. Topic: ‘Analysis of Willingness to Pay for Reproductive Healthcare Services: A Case Study of Patna.’**

Academic Appointments

2010, July 28th-2023, 15th March:	Assistant Professor (Ad-hoc), Shaheed Bhagat Singh College, Delhi University
2023, 24th November:	Assistant Professor (Permanent Appointment) Gargi College, Delhi University)

Papers Taught:

Financial Economics, Money and Financial Markets, Macro Economics, Public Finance

Award:

- Received award in Business Category in the Green Literature Festival of India 2023 for the book ‘Urban Green Space, Health Economics, and Air Pollution in Delhi,’ Published March 30, 2021, by Routledge India. Group, 2021.

Question setter for Undergraduate Examination of Delhi University:

- **Convener** for ‘Money & Financial Markets’, B.A(HONS.) ECONOMICS (CBCS) question papers for Centenary Chance Special Semester Examination March 2023 for Ex-students.
- **Examiner -1** for Public Finance GE paper (UPC -12275403), SOL & NCWEB for the examination held in May -June 2022 for the academic year 2021-22.

Research Project:

- An awarded interdisciplinary research project by **Innovation Project 2015-16** under cluster **Innovation Centre by the University of Delhi**. (SBS302) ‘Stipulating the Role of Agriculture and Forestry in the Urban Environment: Mapping and Analyzing Green Spaces of Delhi.’ <http://www.du.ac.in/du/uploads/Academics/14082015INNOWEB-11.pdf>

Book Authored:

- **Urban Green Space, Health Economics, and Air Pollution in Delhi.** ISBN 9780367352691, Published March 30, 2021, by Routledge India. Group,2021. <https://www.routledge.com/Urban-Green-Space-Health-Economics-and-Air-Pollution-in-Delhi/Rajput-Arora-Mathur/p/book/9780367352691>.

Chapters in the book:

- **Socio-economic Determinants and Reproductive Healthcare System in Patna, Bihar.** Springer International Publishing AG 2017, Chapter 33 in the Book ‘Sustainable Smart Cities in India’ ISBN: 9783319471440, 9783319471440.
- **Environment Psychology and Healthcare cost: Understanding the well-being of Delhi Residents,** (Co-author), Springer 2019, Chapter 14 in Book ‘Making Cities Resilient’ ISBN: 978-3-319-94932-1. https://link.springer.com/chapter/10.1007/978-3-319-94932-1_14.

Publications:

- **India’s Possible Alignment with RCEP & CPTPP and its Relative Gains and Losses:** TURKISH CENTER for ASIA PACIFIC STUDIES, APAC Report · December 2022 (Archana Srivastava, Somesh Kumar Mathur, Rachna Mathur) <http://www.asianpacificcenter.org/indian-alignment-with-rcep-and-cptpp.html>
- **Evaluation of ASEAN -India Free Trade Regime: A General Equilibrium Approach,** **Journal of Asian Economic Integration,** pp 1-16, Journal of Asian Economic Integration1–16,©2022 ASEAN-India Centre & ASEAN Studies Center-Thailand Reprints and permissions: in.sagepub.com/journalspermissionsIndiaDOI:10.1177/26316846221114504.
- **International Experience of Healthcare Financing with Special Focus on India,** (IJRMP) Vol. 3, Issue 2, March 2014. ISSN: 2320- 0901.
- **Financing Reproductive Healthcare and its Impact on Economic Development of India,** International Journal of Research in Humanities and Social Sciences Vol. 2, Issue: 2, February 2014 ISSN:(P) 2347-5404 ISSN:(O)2320 771X.
- **Determinants of the Total Actual Cost of Reproductive Healthcare Services in Patna,** (IJRMP) Vol. 3, Issue 3, April 2014, ISSN: 2320- 0901.

E-Content Developer:

Project by UGC on e-Content Development for PG Courses in Subject under NMEICT, MHRD, Govt. of India.

- Resource transfer from Union to State – Twelfth Finance Commission, Module Tag ECO_P9_M16.
- Concept of Optimum currency areas, European Monetary System, Module Tag, ECO_P13_M36.
- Resource transfer from Union to States: Thirteenth Finance Commission, Module Tag ECO_P9_M17.

Faculty Development Programme:

- **Faculty Induction Programme:** Obtained Grade ‘A’ in completing a 4-week faculty Induction Programme for ‘Faculty in University/college/institutions of Higher Education’ from 02-31 December 2023 from Teaching Learning Centre, Ramanujan College, the University of Delhi under the aegis of the Ministry of Education Pandit Madan Mohan Malviya National Mission on Teachers and Teaching.
- **FDA:** Obtained Grade “A+” in a One-Week Online National Faculty Development Program on “Basic IT tools, Advanced Spreadsheet Tools and Statistical Software Package with SPSS” jointly organized by

the University of Delhi and Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT) of Ministry of Education as required for promotion under CAS of UGC and AICTE.

- **FDP:** Attended a one-week interdisciplinary **online faculty development program on “Time Series Analysis using R”** from 18th- 24th July 2021 Organized by Centre of Excellence SRI GURU GOBIND SINGH COLLEGE OF COMMERCE (Accredited by NAAC with 'A' Grade) University of Delhi Pitampura, Delhi-110034 in collaboration with Mahatma Hansraj Faculty Development Centre (A Centre of Ministry of Education, Govt. of India under PMMMNMTT Scheme).
- **Refresher Course:** Completed two weeks of National Interdisciplinary **Refresher Course** on ‘**Research Methodology and Data Analysis** (Sharpening Skills through MS Excel, SPSS, MATLAB and R’ Organized by Teaching Learning Centre, Ramanujan College, the University of Delhi under the aegis of the ministry of education during 24th March - 7th April 2021.

Conference Presentations:

- The paper presented titled ‘**Analyzing the Impact of Foreign Direct Investment on the Productive Capacity Index of Africa between 2010 TO 2020**’, International Conference on Diversity, Equity, and Inclusion (DEI): Cultures, Practices, and Policies, in the Discipline of Management, Entrepreneurship, and Economics, organized by the University School of Management and Entrepreneurship, Delhi Technological University, East Delhi Campus, Vivek Vihar, Phase 2, Delhi on 15th and 16th September 2023.
- Assessment of Possible Economic Alignment Between G20 Nations with Special Focus on India, G7 and G12 Nations: General Equilibrium Analysis- Archana Srivastava; Somesh Kumar Mathur, Rachna Mathur, Prabir De. 3rd SDMRG International Workshop, Brasilia (New Developmentalism: Public Policies for Innovation, Social Inclusion, and Environmental Sustainability), 2nd Day – June 29th, 2023.
- Paper Presentation titled ‘**Willingness to Pay for Reproductive Healthcare Services: A Case Study of Patna**’ in 1st IIMA International Conference on Advances in Healthcare Management Services held on June 6-7, 2015.
- Paper Presented titled ‘**Evils of Pollution & Analysis of Health care Cost: A Case Study of Delhi**’ in Young Scholars Conference organized by HarithKram, Shaheed Bhagat Singh College, Delhi University under the aegis of Delhi University Sustainability Forum 2016 in Association with UNESCO -New Delhi, TERI, WWF-INDIA, UNIC and Govt of NCT Delhi held on 28-29 September 2016.
- Won 2nd prize in a Poster presentation entitled ‘**An Analytical Study of Green Spaces & Health Concerns in Delhi**’ in National Conference ‘Making Cities Resilient: Post Habitat III held on February 3-4, 2017
- Paper Presented titled ‘**Green Spaces and Urban Wellbeing: Mapping the Environmental Psychology of Delhi**’ under the sub-theme Health: Its Biological, Psychological and Socio-Cultural Determinants for the oral presentation at the Second International Conference on Health and Wellbeing held on 22-23rd March 2017. ICHWB2017 by Department of Psychology, Jamia Millia Islamia.

Content Creator on YouTube

- Creator of YouTube videos on topics related to economics to help students in their learning 24*7. The majority of videos are on Macroeconomics, Money and Banking, Financial Economics, and Public Economics. The link to the YouTube channel is given below. YouTube Link: <https://www.youtube.com/channel/UCsY7viBHhTSWIkXgs9MNEKQ>

