



Miranda House UNIVERSITY OF DELHI

Name: Dr. Rashmi Singh

Department: Geography

Current Designation: Assistant Professor

Email id: rashmi.singh@mirandahouse.ac.in

Academic Qualifications (reverse chronological order):

PhD: Geography, Department of Geography, Delhi School of Economics, University of Delhi (2023).
MPhil: Geography, Department of Geography, Delhi School of Economics, University of Delhi (2019).
M.A: Geography, Department of Geography, Delhi School of Economics, University of Delhi (2015).
M.A: Public Administration, IGNOU, Delhi (2013)
B.A (Hons): Geography, Kamla Nehru College, University of Delhi (2011).

Research Degree(s) (reverse chronological order):

PhD: "Grey Green Infrastructure and Sustainable Urban Development: A Case Study of Smart City Jaipur", Department of Geography, Delhi School of Economics, University of Delhi.

MPhil: "Impact of Climate Variability on Crop Yield in Rajasthan", Department of Geography, Delhi School of Economics, University of Delhi.

Field of Specialization under the Subject/Discipline: Urban Geography, Climate Change, Agriculture, Economic, Population Geography, and Disaster Management.

Total Teaching Experience: 2020-2024 (4 years)

Teaching at Miranda House since: July 2023

List of Publications (reverse chronological order):

(Articles in referred/peer-reviewed/UGC Care journals/ Books/Book Chapters)

1	"Urban Sprawl Modelling	International Journal of Social	2024	Vol 9	220	245	N	N	Dr. Lalita Rana,	N
.					0-	5-	A	A		A
					226	883				



Miranda House

UNIVERSITY OF DELHI

	& Commuting Pattern-Delhi Gurgaon Corridor: A Sustainable Growth”	Science and Economic Research (IJSSER)			4	4			Dr. Rashmi Singh	
2	Indigenous Food System During Monsoon in the Context of India	International Journal of Innovative Science and Research Technology	2024	VOL 9	245 6-246 9	245 6-216 5	N A	N A	Singh et al. (2024)	N A
3	Groundwater Depletion in Haryana: A Study of Panipat District	Journal of Interdisciplinary Cycle Research	January/2023	Volume XV, Issue I,	Page No: 449 - 460	ISSN NO: 0022-1945	N A	N A	Singh R	N A
4	Climate Change and Agriculture Scenario in Almora, Uttarakhand	ACCST Research Journal	July 2023	Volume - XX, No. 3,	34-55	ISSN 0972-7779			Singh et al.	N A
5	Initiatives Taken for Urban Mobility and Transportation in Jaipur Smart City	International Journal of Advance and Applied Research	June 2022	Vol 9	862 - 865	234 7-707 5			Singh et al.	N A



Miranda House UNIVERSITY OF DELHI

Books: edited chapters

- “Exploring Ground Water Quality Assessment in Jaipur City”, Rajasthan, in the book *Emerging Geo sustainability Transformations in India. Advances in Geographical and Environmental Sciences*. Springer, Singapore. https://doi.org/10.1007/978-981-97-7993-2_11(2025)
- “Importance of New Education Policy 2020”, in book *Twenty-First Century Speaks (A collection of multi-faceted research articles)*, Mohan Chandra Mahanta Adhyayan Gobesona Kendra, A Social Science Research Centre Established in Collaboration with Cinnamara College, Cinnamara, Jorhat-8, Assam (978-9-39512-410-2),2023
- ‘Analyzing the Role of Geospatial Technology in Smart City Development’, in a book titled ‘Geospatial Technology and Smart Cities’ ICT, Geoscience Modeling, GIS and Remote Sensing’ published by Springer.
- ‘Agriculture Land Use and Assessment of Seasonal Cropping Pattern in Rajasthan’, in a book titled ‘Evolving Narratives in Humanities and Management’, published by New Delhi Publishers, New Delhi.
- ‘Impact of Climate Variability on Rice Yield in Busan Province in South Korea and Manipur state of India’ in book titled, ‘Strengthening Special Strategic Partnership INDIA and SOUTH KOREA Prospects and Challenges, published by Manak Publications Pvt Ltd., New Delhi.
- ‘Urbanisation and Smart City Sustainable Development in India and South Korea’, titled *Indo-Korea Relations under, Act East Policy: Issues and Challenges*, published by Manak Publications Pvt Ltd., New Delhi.

Educational Resource Material Developed (reverse chronological order):

Research Guidance (reverse chronological order):

Research Projects (reverse chronological order): Urban Sprawl Modelling & Commuting Pattern- Delhi Gurgaon Corridor: A Sustainable Growth.

3.03.2023	31.03.2024	Minor	College Research Cell, Shivaji College
-----------	------------	-------	--

Membership Of Professional Bodies (reverse chronological order): NAGI, AGS, UNESCO Association, GUWAHATI, Assam

Administrative Responsibilities (reverse chronological order):

S.No.	Nature of Activity	Designation	Institution/Department	Period
-------	--------------------	-------------	------------------------	--------



Miranda House

UNIVERSITY OF DELHI

				From	To
1.	Staff Advisors (Geography)	Assistant Professor	Department of Geography, Miranda House	2023	2024
2.	SEC,VAC,GE Coordinator (Geography)	Assistant Professor	Department of Geography, Miranda House	2023	2024
3.	NIRF Nodal Officer	Assistant Professor	Department of Geography, Miranda House	2023	2024

Invited talks/Session chair/Resource person (reverse chronological order):

Invited for interview as Subject Expert	Assistant Professor	DR. Rajendra Prasad Kendriya Vidyalaya	13.03.2 024	13.03. 2024
Resource Person for 2-days' Capacity Building Program (CBP) on Geography	RPVV Rajniwas Marg	17/10/2023	20/10/2 023	CBSE

Conferences Organised (reverse chronological order):

S.No.	Details	Place	Period		Sponsoring/Organising Agency
			From	To	
1.	Organised Seminar on "Public Space and Gender" from 28-29 May, 2024 at USRC, Miranda House in collaboration with National Institute of Urban Affairs, Doers and Sparsh CCTV.	Miranda House	28.05.2024	29.05.2024	USRC, Miranda House in collaboration with National Institute of Urban Affairs, Doers and Sparsh CCTV
2.	Organised a one-day seminar "G20@India: Making India Count"	Miranda House	26 July 2023	26 July 2023	MH in association with India Writes Network
3.	Organised a seminar on "Role of Women in Indian Parliament"	Miranda House	2 November 2023	2 November 2023	Miranda House in association with Vice President's Secretariat



Miranda House UNIVERSITY OF DELHI

Miranda House Platinum Jubilee				
-----------------------------------	--	--	--	--

Seminars/Workshops/Conferences attended (reverse chronological order):

- Presented a paper on Urban Cities and Water Stress: A Case Study of Jaipur Smart City at the International Conference on “Urban Development Missions, Restructuring of Spaces and Emergence of New Urbanism” organized by the Department of Geography, Shaheed Bhagat Singh College, University of Delhi, on November 15-16, 2024.
- Completed a 4-Week Faculty Induction/Orientation Programme for “Faculty in Universities/Colleges/Institutes of Higher Education” from 22 November - 21 December 2023 and obtained Grade A.Teaching Learning Centre Ramanujan College, University of Delhi (Accredited Grade 'A++' by NAAC) under the aegis of Ministry of Education Pandit Madan Mohan Malaviya National Mission On Teachers And Teaching.
- Participated in the Online Refresher Course in Humanities, Liberal Arts and Teacher Educators [Agriculture, Anthropology, Economics, Education, Fine Arts, Geography, History, Home Science, Library & Information Sciences, Laws, Mass Communication, Mathematics, Philosophy, Political Science, Public Administration, Physical Education, Psychology, Religious Studies, Social Sciences, Sociology, Visual & Performing Arts etc.] from 05.11.2024 to 18.11.2024 and obtained grade A., UGC-Sponsored Online Refresher Course, Guru Nanak Dev University.
- Completed online Inter-Disciplinary two-week Refresher Course in “Managing Online Classes & Co-creating MOOCS” from 06 – 20 September 2023 and obtained Grade B+.Teaching Learning Centre Ramanujan College, University of Delhi (Accredited Grade 'A++' by NAAC) under the aegis of Ministry of Education Pandit Madan Mohan Malaviya National Mission On Teachers And Teaching.
- Mentored a research work titled’ “Hug a Tree with me: Women Forest Rights” in the National Geographers’ Youth Conclave 2023 organised by Department of Geography, Shaheed Bhagat Singh College, University of Delhi, from January 27-28, 2022.
- Mentored a research work titled’ “Hug a Tree with me: Women Forest Rights” in the National Geographers’ Youth Conclave 2023 organised by Department of Geography, Shaheed Bhagat Singh College, University of Delhi, from January 27-28, 2022.
- Completed 2-week national FDP cum Refresher course on application of Geographical Information Systems’ conducted by Department of Geography of R.P.S. Degree College, Balana, Mahendergarh, Haryana in collaboration with Department of Geography, Swami Shraddhanand College, University of Delhi, from 06/07/2021 to 19/07/2021.
- Completed the Seven Days Online Capacity Building Program on “Hydro-Meteorological Disaster: Techniques of Measuring, Monitoring, and Management of Floods” from March 1 - 7, 2021, Under the PMMMNTT scheme of the Ministry of Education, Centre for Disaster



Miranda House

UNIVERSITY OF DELHI

Management Studies, Shaheed Bhagat Singh College, University of Delhi in Collaboration with Teaching Learning Centre, Ramanujan College.

- Presented research paper entitled Indo-Korea Friendship Park in Two Day 15th, RASK International Seminar/Webinar organized by Researchers' Association for the Study of Korea (RASK) in collaboration with Department of Far East Languages, Central University of Jharkhand, Ranchi & Jamia Millia Islamia, New Delhi on 12th & 13th of November, 2021.
 - Attended one day National Webinar titled "Sustainable Development Through Riverine Ecosystem Restoration", held on 27 September 2021, Department of Geography, Dyal Singh College, University of Delhi.
 - Presented a paper at the Online International Conference on April 5-6, 2021. Sustainable Development and Solidarity, "Inclusive and Sustainable Urban Development Transformations in the Making of Smart City Jaipur", Department of Geography, Shaheed Bhagat Singh College, University of Delhi.
 - Attended national workshop on 'Analyzing Food Security: Concept and Methodology', under ICSSR Major Project on Mapping and Analysing the Land Use- Landcover and Food Insecurity in Rajasthan, 18 January 2021 conducted by Department of Geography, Shaheed Bhagat Singh College.
 - Participated in the "Webinar Training on Air Pollutants Dispersion Modelling" on 20 February 2021 at TGIS Online Platform, Ahmedabad (Gujarat).
 - Attended a two-day e-Workshop on "Research Methodology" organized by Dr B R Ambedkar Central Library, Jawaharlal Nehru University, New Delhi (India) from Jan 11th - to 12th, 2021.
 - Attended seminar on an International Knowledge Conclave on Green Infrastructure on 17-18 December, 2020 conducted by University of West England, Bristol, UK, Bristol.
 - Attended workshop on "Meta analysis for writing research papers" from 1st to 3rd October 2020 organised by Anant Education Foundation, Surat.
 - Participated in the National Online Meet on Development of Geographical Institutions in India organised by the Indian Geographical Society, Chennai, with a support of Department Geography, University of Madras (Chennai), Bharathidasan University (Tiruchirappalli) and Central University of Tamil Nadu (Thiruvarur) during 04-07, September 2020
 - Attended seminar and presented paper in IGU- India International E- Conference on Implications of COVID-19 on Local & Regional Sustainable Development: A Glocal Perspective, on 27-28 June, Hyderabad University.
 - Presented paper on 'Urbanisation and Smart City Sustainable Development in India and South Korea', in RASK seminar on theme: Indo-Korea Relations under Act East Policy: Issues and Challenges, 8-9 November 2019, Jawaharlal Nehru University, New Delhi.
 - Presented paper on "Impact of Climate Variability on Rice production in Busan province, South Korea" in a two day RASK International Seminar on 'Strengthening Special Strategies Partnership between India and South Korea: Prospects and Challenges' organised by RASK in collaboration with Department of East Asian Studies, University of Delhi, during 26-27 October, 2018 at Conference Centre, University of Delhi.
 - Participated in the course of "Insolvency Associate", under the Aegis of Ministry of Skill Development and Entrepreneurship in association with Research and Innovation Forum on 10 July 2018 at conference centre, University of Delhi.
-



Miranda House

UNIVERSITY OF DELHI

- Presented paper on “ Impact of Drought in Rajasthan” in First International Conference on Mass Disaster & Emergency Management, organised by National Task Force for Disaster Management in association with Kingmead School, England, held on 20-21 April 2018 at Dayal Singh College(Morning), University of Delhi.
 - Presented paper on “ Climate Change and Its Impact on Crops in Rajasthan” at the ‘Climate Change Conclave- 2018’ National seminar on Climate Action for India’s Commitment to Combat Climate Changes held on April 21-22, 2018 at conference centre, University of Delhi.
 - Presented Paper on topic “ Difficulty in Access to Basic Urban Amenities Due to Rapid Growth and Over Population: A Case of Jaipur City” in the seminar organised by Department Of Geography, Faculty of Natural Sciences, Jamia Millia Islamia, NewDelhi, on ‘Urban Environment in The 21st Century: Issues and Challenges’ Under UGC-DRS-I Programme, during 27-28 march, 2018.
 - Presented Paper on topic “Condition of Old Age Homes and Its Resident: A Case Stud of Delhi and NCR ”, in the XXIX Biennial Conference of North East India Geographical Society(NEIGS) cum XI International Geographical Union (IGU) Commission Seminar, organised by Department of Geography, B. Borooah College,Guwahati from 8 to 10 February, 2018.
 - Presented Paper on topic “Land Use and Land Cover Change of Rajasthan”, in theXXIX Biennial Conference of North East India Geographical Society(NEIGS) cum XI International Geographical Union (IGU) Commission Seminar, organised by Department of Geography, B. Borooah College, Guwahati from 8 to 10 February, 2018.
 - Presented Paper on topic “Condition of Old Age Homes and Its Resident: A Case Study of Delhi”, in UGC-SAP-DRS III National Seminar on Environment and Resource & Urban and Regional planning, organised by Department of Geography, Delhi School of Economics, University of Delhi, 23-24 December, 2017
 - Participated in Painting competition at Art Week Geo Research Forum, Department of Geography, Delhi School of Economics, University of Delhi, 2017.
 - Participated in Photography competition at Art Week Geo Research Forum, Department of Geography, Delhi School of Economics, University of Delhi, 2017.
 - Participated in a certificate course on Eco-Tourism organised by Kamala Nehru College, University of Delhi from 12 to 26 February 2011.
 - Participated in the International Youth Conference on Sustainable Lifestyles: Consumption and Climate Change at Kamala Nehru College, University of Delhi.
-

Synergy (work with other organizations outside the college):