




## Faculty Details Proforma



Title	Prof.	First Name	Poonam	Last Name	Sharma	Photograph
Designation		Professor in Geography, Former Director, Advisory Board Member Centre for Disaster Management Studies				
Address		Shaheed Bhagat Singh College, University of Delhi, Sheikh Sarai , Phase-II, New Delhi 110017, India <a href="http://www.sbsc.in">www.sbsc.in</a>				
Phone No    Office						
Mobile		+91- 9818104394				
Email		<a href="mailto:poonamsharma299@gmail.com">poonamsharma299@gmail.com</a> <a href="mailto:poonam.sharma@sbs.du.ac.in">poonam.sharma@sbs.du.ac.in</a>				
Web-Page						
<b>Educational Qualifications</b>						
Degree		Institution				Year
Ph.D.		University of Delhi				2006
M.Phil. / M.Tech.		University of Delhi				1994
PG		University of Delhi				1992
UG		University of Delhi				1990
Diploma in Journalism		Bhartiya Vidya Bhawan				1995
Any other		Certificate course in Remote Sensing and Geo informatics				2014
<b>CAREER PROFILE</b>						
<ul style="list-style-type: none"> <li>Taught in University of Delhi Colleges Since 1994.</li> <li>Teaching in Department of Geography, Shaheed Bhagat Singh College, University of Delhi since 1996.</li> </ul>						
<b>AREAS OF INTEREST / SPECIALIZATION</b>						
<p>Urban &amp; Regional Planning, Urban Geography, Development Studies, Smart City, Environment Geography and Ecological Studies.</p>						

<b>AWARDS</b>
<ul style="list-style-type: none"> <li>Awarded with “Meritorious Teacher Award 2017-18” by Department of Higher Education Government of Delhi, India</li> <li>Awarded for good paper presentation at International Conference ,Nordic Geographers Meeting in Stockholm , Sweden during 18-21 June 2017  <a href="https://www.humangeo.su.se/english/ngm-2017/awards-for-good-presentations-1.338369">https://www.humangeo.su.se/english/ngm-2017/awards-for-good-presentations-1.338369</a></li> </ul>
<b>RESEARCH GUIDANCE</b>
<ul style="list-style-type: none"> <li>Supervision of ICSSR Post Doctoral Fellow (Submitted)</li> <li>Supervision of Doctoral Thesis, Department of Geography, University of Delhi – (02) in progress)</li> <li>Doctoral Thesis Awarded, Department of Geography, University of Delhi (02)</li> <li>Supervision of M.A. Dissertation, Department of Environmental Studies, University of Delhi – 01 (completed)</li> </ul>
<b>RESEARCH PROJECT</b>
<ul style="list-style-type: none"> <li>Research Program jointly with Institute of Studies on Industrial Development and Shaheed Bhagat Singh College on “Urbanization and Human Capital Development in Assam” sponsored by <b>Indian Council of Social Science Research, Ministry of Human Resource Development, Government of India</b>, 2017-19 as Co- Project Director, Completed.</li> </ul>
<b>PUBLICATIONS PROFILE</b>
<p><b>BOOKS</b></p> <ul style="list-style-type: none"> <li><b>Geospatial Technology and Smart Cities</b>, Springer Nature, Switzerland, ISBN 978-3-030-71944-9, August, 2021, <a href="https://link.springer.com/book/10.1007/978-3-030-71945-6">https://link.springer.com/book/10.1007/978-3-030-71945-6</a></li> <li><b>Sustainable Smart Cities in India: Challenges and Future perspectives</b>, Springer International Publishing, Switzerland, ISBN 978-3-319-47144-0 April,2017, <a href="https://link.springer.com/book/10.1007%2F978-3-319-47145-7">https://link.springer.com/book/10.1007%2F978-3-319-47145-7</a></li> <li><b>Structure and Growth of Mega City</b>, Concept Publishing Company, New Delhi- 2010, ISBN-10-81-8069-675-8.  <a href="http://www.amazon.in/gp/offer-listing/8180696758/ref">www.amazon.in/gp/offer-listing/8180696758/ref</a></li> </ul>

## **CURRICULUM WRITING**

- Subject Expert in Glossary translation Committee for Glossary of Geography at Commission for Scientific & Technical Terminology, Government of India July 07-12, 2025.
- Subject Expert in Glossary translation Committee for Glossary of Geography at Commission for Scientific & Technical Terminology, Government of India March 18-19, 2024.
- Subject Expert in Technical Term Selection Committee for Glossary of Geography at Commission for Scientific & Technical Terminology, Government of India December 18-22, 2023
- Subject expert advisory committee for preparation of definitional geography dictionary under Commission for Scientific and Technical Terminology, Ministry of Human Resource Development, Government of India August 10-13, 2015
- Subject expert advisory committee for preparation of definitional geography dictionary under Commission for Scientific and Technical Terminology, Ministry of Human Resource Development, Government of India 29<sup>th</sup> June to 3<sup>rd</sup> July, 2015

**Post Graduate course** content for epg Pathshala Program UGC, Ministry of Education, Government of India

- Environment Geography : Energy Flow in Ecosystem  
<https://epgp.inflibnet.ac.in/ahl.php?csrno=17>
- Environment Geography : Ecological Pyramids  
<https://epgp.inflibnet.ac.in/ahl.php?csrno=17>
- Urban Morphology and Land Use Structure ( IGNOU)  
<http://egyankosh.ac.in/handle/123456789/104076>

## INVITED LECTURES

1. Resource Person to conduct full day Hands on workshop on Application of GIS and Remote Sensing in Planning at Department of Architecture, Deenbandhu Chhotu Ram University of Science and Technology, Sonapat, Haryana on April 24, 2025.
2. Delivered invited lecture on the occasion of International Womens Day on Women and Environment : How women are impacted and Driving the Solutions on March 8, 2025 , Sirpat Singh College, Mushidabad, West Bengal.
3. Invited to for a discussion on recent earthquake felt in Delhi on February 17, 2025 by R. भारत live.
4. Delivered a talk on “Role of Planned Green Spaces in Impacting Micro Climate and Sustainable Urban Development " on 3<sup>rd</sup> February in the Refresher Course on Geography and Environmental Studies February 3-15, 2025 organised by UGC- MMMTTC, Jamia Millia Islamia, New Delhi.
5. Conducted a Hands on session on 'Interface of Information System for Integrated Planning using QGIS' on 10<sup>th</sup> January in the Faculty and Professional Development Programme on "Application of Geoinformatics for Planning”, organised by the Centre of Excellence (CoE) , Urban Planning and Design, School of Planning and Architecture, New Delhi, January 6-10, 2025.
6. Chaired a technical session and delivered lead lecture on ' Analysing the Impact Green Buildings for Energy conservation and Water Consumption Management ' in International Conference on "Mapping the Future: Geography for a Better World" Organized by Department of Geography, North-Eastern Hill University , Shillong from December 19-21, 2024.
7. Shared thoughts in the International Conference on Lightning and Extreme Weather Events on theme -“Social Justice and Empowerment of the most vulnerable communities in building resilience “ was inaugurated at Dr Ambedkar International Centre New Delhi on December 09, 2024. The conference was organised by the Climate Resilience Observing Systems Promotion Council(CROPC) National Disaster Management Authority(NDMA) and Indian Meteorological Department (IMD).
8. Invited to deliver a lead lecture on “Garbage Patches: An Environmental Concern” in a technical session in the International Seminar on ‘Envisaging Bharat as a Voice of Global South: Revisiting COP 28’ held on August 27-28, 2024 organised by the Department of Geography, Indraprastha College for Women , University of Delhi.

9. Invited for an virtual interview with Civic Data Lab on 'Data use and Challenges for effective Disaster Risk Reduction' on 23<sup>rd</sup> July 2024.
10. Invited Speaker in the brainstorming session on 'Redefining Vision, Mission, Role and Goal of NATMO' organized by National Atlas & Thematic Mapping Organization (NATMO) Department of Science & Technology, Government of India, Kolkata on May 27, 2024 in Kolkata(Hybrid)
11. Invited Speaker in Faculty Development Programme (FDP) on Disaster Risk Management organized by Kalindi College in collaboration with National Institute of Disaster Management (NIDM) Ministry of Home Affairs, Govt. of India at Kalindi College during May 20-24, 2024(May 21).
12. Resource person at Subject online Refresher Course on Disaster Management, organized by the UGC HRD Centre, AMU, Aligarh during December 5-18, 2023.(December 12, 2023)
13. Resource Person in online Refresher Course in Social Sciences(Interdisciplinary) UGC-HRDC, University of Bombay under RUSA on the theme, 'Revolutionary Ideas, Revolution an Popular Movements', The Kelkar Education Trust, Vinayak Ganesh Vaze College of Arts, Science and Commerce(Autonomous) Mulund, Mumbai, November 20 to December 2, 2023 (Nov 27)
14. Resource Person in UGC-HRDC, online Refresher Course in Geography & Environmental Studies, Jamia Millia Islamia, New Delhi, October 26 to November 8, 2023 (30<sup>th</sup> October)
15. Lead Speaker and Session Chair in Plenary Session "Communities, Governance and Sustainable Practices" online International Conference "CTPD CON-ERA 2023, Educational Reforms and Advancements" on 14-15 October, 2023 organised by Council for Teachers' Professional Development, India(CTPD)(14<sup>th</sup> October)
16. Invited Speaker in the webinar on the occasion of Environment Day on Preventing the Exploitation of the Environment in War and Conflict, organized by Department of Geography, Chaudhary Charan Singh University, Meerut on June 6, 2023.
17. Lead Speaker and Session Chair on Vulnerability Groups, Industrial Disasters and Emergencies in National Conference on Transforming India-Risk to Resilience organized by Special Centre for Disaster Research, JNU, March 15-17, 2023
18. Resource Person in online Short Term Course on Hazards and Disaster Management on February 28, 2023 in UGC HRDC by Department of Geology, University of Calcutta from 27<sup>th</sup> February to 4<sup>th</sup> March, 2023.
19. Lead Speaker in the International Webinar Series on Socio-Cultural, Archaeological, Natural, Geo Heritage Sites, Monuments and Museums: Identification, Conservation and Management organized by Government Madhav Sadashivrao Golalkar College, Rewa , Madhya Pradesh and National Academy of Sciences India-Bhopal Chapter, 22<sup>nd</sup> February to 1<sup>st</sup> March,2023.
20. Panel Speaker in 44<sup>th</sup> National Association of Geographers India (NAGI) International Conference on Climate Change, Water Resource, Agriculture and Sustainable Development organized by Rani Channamma University, Belgavi, Karnatka, December 19-21, 2022.
21. Panelist in the deliberations on Reflections and Roadmap for Resilience: Reimagining Disaster Risk Reduction organized jointly by NIDM, Sphere India and IICA on November

- 4, 2022 at YMCA Auditorium, New Delhi.
22. Lead Speaker and Chairperson for the session on Preparedness and Early Warning System in the National Conference on Landslide Risk Assessment and Mitigation in India organized by Department of Geography, Jamia Millia Islamia, New Delhi, November 1-2, 2022
  23. Invited Speaker for Memorial Lecture in honor of late Prof. Abha Laxmi Singh on Addressing Urbanization and Environmental Issues in Present Day Scenario: A Geospatial Approach organized by Indian Geographers Group, A. B. S. College, Vaishali, Bihar on September 10, 2022.
  24. Resource Person in Value Added Course on Integrated Sustainable Disaster Management on August 5, 2022 conducted by Kazi Nazrul University, Asansol, West Bengal
  25. Resource Person in 4<sup>th</sup> Two-Week Interdisciplinary Refresher Course on Disaster Management on July 30, 2022 organised by UGC-HRDC, Jamia Millia Islamia, New Delhi, 22<sup>nd</sup> July to 4<sup>th</sup> August, 2022.
  26. Resource Person in the FDTP on Disaster Risk Reduction on August 2, 2023 organized by Department of Geography & NIDM, August 1-5, 2022
  27. Resource Person for National STTP on Latest Trends in Remote Sensing and GIS on July 26 organized by Department of Electronics and Telecommunication, V.V.P. Engineering College, Rajkot, Gujarat, July 25- 29, 2022
  28. Expert Speaker in Three-day online Training Programme on Resilient Measures of Buildings with Special reference to Floods and Cyclones organized jointly by Department of Geography, The University of Burdwan, Burdwan and National Institute of Disaster Management, New Delhi on July 20- 22, 2022.
  29. Resource Person in AICTE Training and Learning (ATAL) Academy FDP on Advances in Applications of Remote Sensing and GIS organized by Deenbandhu Chhotu Ram University of Science & Technology, Murthal, Haryana on February 10-14, 2022. Session on February 11, 2022.
  30. Invited Speaker at the three-day Training Program jointly organized by National Institute of Disaster Management and Disaster Resilient & Research Foundation on Basics of Disaster Management during January 5-7, 2022. Session on January 7, 2021
  31. Resource Person in AICTE Training and Learning (ATAL) Academy FDP organized by Deenbandhu Chhotu Ram University of Science & Technology, Murthal, Haryana on December 27-31, 2021. Session on December 28 & 30, 2021.
  32. Invited Speaker, UGC HRDC University of Mumbai, Refreshers course on Sustainability, Development and Community Resilience: A Spatio-Social Perspectives, November 22 – December 4, 2021. Session on December 1, 2021.
  33. Resource person, UGC HRDC Rani Durgavati Vishwa Vidyalaya, Jabalpur, Madhya Pradesh, Refresher Course on Environmental Education and Disaster Management, September 21, 2021
  34. Invited speaker, Webinar on Scope and Impact of Akshay Urja in India on the occasion of Akshay Urja Diwas, S D College, Chandigarh in association with Chandigarh Renewable Energy, Science and Technology Promotion Society (CREST), August 21, 2021
  35. Keynote Speaker, National Webinar, Department of College, Arts & Science college, Chousala, Beed, Maharashtra, March 27, 2021
  36. Resource person, Capacity Building Through Geo-Spatial Techniques, UGC-DRS SAP-I &



FIST Workshop, Jamia Millia Islamia, New Delhi, December 1-6, 2020 on Delivered Sessions on two days Dec 2 & 4.

37. Invited Lecture in 7<sup>th</sup> Annual International Virtual Conference on Sustainability in Current Scenario: Challenges and Solutions, Centre for Climate Change and Water Research ,Suresh Gyan Vihar University, Jaipur, Rajasthan , November 5-7 , 2020.
38. Invited Lecture, Satellite Image Interpretation in QGIS, Swami Shradhhanand College, University of Delhi, November, 12, 2020
39. Invited to deliver lecture in International e-Conference on Climate Resilience and Disaster Risk Reduction for Sustainable Development on August 17-18, 2020 by Nizam College, Osmania University, Forest College and Research Institute and Council for Green Revolution Hyderabad, Telengana
40. Resource Person, Faculty Development Program on QGIS during August 6 - 12, 2020 organised by KG Reddy College of Engineering and Technology, Hyderabad, Telengana, IASE Deemed University, Churu, Rajasthan and Bansur College, Rajasthan.
41. Resource Person in Capacity Building Training Program in Geo-informatics during July 29 to August 04, 2020 by Department of Geography Chaudhary Ranbir Singh University, Jind , Haryana.
42. Invited as resource person for a session on Geographical Feature Extraction( July 23 session) using QGIS, in the Faculty Development Program on Open Source Software QGIS organized by Department of Geography HNB Garhwal Central University, Srinagar , Garhwal, Uttarakhand in collaboration with IASE (Deemed University, Churu, Udaipur, July 21-27,2020
43. Delivered invited lecture in International e- Conference on Borderless Growth, Equality and Sustainable Development: The Pathway to Human Welfare on 29-30 June, 2020 organized by Department of Geography, Isaabella Thouburn College Lucknow.
44. Delivered invited lecture at two Day's International Webinar on Geospatial Technology and Sustainable Environment organized by Department of Geography IASE, Churu, Rajasthan, Swami Shradhanand College, University of Delhi and Netra Institute of Geoinformatics Management & Technology Foundation on June 25-26, 2020.
45. Delivered invited lecture as resource person at UGC-Human Resource Development Centre (Academic Staff College), Osmania University, Hyderabad, for the Short -Term Course in Renewable Energy on 18-20 June, 2020.
46. Invited as Resource person for a session on Map Composer using QGIS, in the Faculty Development Program on Open Source Software QGIS organized by Shivaji College and Janardan Rai Nagar Rajasthan Vidypeeth, Udaipur, Rajasthan, June 8-14,2020
47. Delivered talk in Need for women's Leadership in Fighting Against COVID-19(Strategy and Response) organized by International Women's Club in association with The High Commission of the Republic of Ghana, New Delhi, Kingsmead School, England , Aditi Mahavidyalya, University of Delhi and VKS Care Foundation, New Delhi on May 28-29 , 2020.
48. Invited as Resource person for a session on Data Representation using QGIS, in the Faculty Development Program on Open Source Software QGIS organized by Swami Shradhanand

College, University of Delhi and Institute of Advance Studies in Education, Faculty of Humanities and Social Sciences, Churu Rajasthan, University of Delhi, May 12-18, 2020.

49. Invited speaker in two days International Workshop on COVID-19 Mass Disaster & Possible Management: Challenges for Immediate Future, organized by India International Intellectual Society in association with Central University Pondicherry and Deenbandhu Chhotu Ram University, Murthal, Haryana on May 5-6, 2020.
50. Delivered invited talk on Role of Geospatial Technology in Planning Sustainable Regions, at School of Planning and Architecture, New Delhi on 19th February, 2020.
51. Invited to deliver lecture on Significance of Measuring Micro-climate and Sustainable Cities by Kalindi College, University of Delhi, November 1, 2019

### **PUBLISHED PAPERS IN JOURNALS**

- Risk resilience of growing settlements in landslide prone hilly areas: case study on Kalimpong-I block, Darjeeling District, West Bengal. *Natural Hazards*, 1-19, 2025
- Spatio-temporal assessment of land use land cover changes affecting regional ecology in Patna urban agglomeration in Bihar, India during 1990 to 2024, *Research in Ecology*, vol 7(1), 2661-3379, 2025
- Measuring the relationship of land use land cover, normalized difference vegetation index and land surface temperature in influencing the urban microclimate in northeast Delhi, India. *The Scientific Temper*, 15(03), 2748–2755, 2024
- A comprehensive review of urban growth studies and predictions using the Sleuth model. *The Scientific Temper*, 15(02), 2333–2341, 2024
- City population, Hierarchy of Urban Centre and Urban Living Conditions in Assam, *Population Geography, Journal of Association of Population Geographers of India*, Vol 43, no 1, June 2021
- Virtual Gazing, Unhealthy Vlogs and Food Choices: A Behavioral Analysis, *International Journal of Multidisciplinary Educational Research*, Vol 10, Issue 4(2), April 2021
- Traffic Congestion in Azadpur Mandi: A Study on The Largest Vegetables and Fruits Market of Asia, *Geography, Environment, Sustainability*, Vol.14, No 1, April 2021
- An analysis of Spatio-temporal variations of urban growth and impact of the dynamics of different class size cities in Assam, India, *National Geographical Journal of India*, vol 67(1), March 2021
- Assessing Inadequate Urban Infrastructure And Place Attachment Perception Among Residents Of Gated Societies In Greater Faridabad, India, *International Journal of Social*



- Analysing the Impact of Green Building Infrastructure on the Efficiency of Energy and Water Usage Management: A Move towards Achieving the Sustainable Development Goals, International Journal of Disaster Recovery and Business Continuity, Vol 12(1), February, 2021
- Unplanned Growth, Poor Infrastructure Facilities in Urban Villages of Metropolitan Cities and the Risk of Biohazards: A Perception Analysis in South District , Delhi, International Journal of Research and Analytical Reviews (IJRAR) , Vol 6(2)May 2019
- Agricultural Land use, Intensification And Food grain Dispersion In Rajasthan: A District Level Analysis, International Journal of Research and Analytical Reviews (IJRAR), Vol 6(2)April 2019
- Conceptual Understanding of the Processes of Economic Growth and Regional Disparities, International Journal of All Research Education & Scientific Methods(IJARESM), Volume 7( 3), March 2019
- Hydrological Dynamics and Hydroelectric Projects In Indian Himalayas: A Case Study of East Himachal Pradesh, International Journal of Creative Research Thoughts, Volume.7, Issue 1,February 2019
- An Overview Of Hydropower Development In Hangrang Valley, Himachal Pradesh, Journal of Emerging Technologies and Innovative Research, Vol 6(2), February 2019
- Perspective and Perceptions of Students' Regarding the Choices for Courses and Locational Attraction of the Institutions for Higher Education in Assam, India, International Journal of Applied Research, Vol 4(12), November 2018
- Development, Displacement and the Application of Capability Approach: A Study of Policies and Practices of Participatory Resettlement & Rehabilitation in India, International Journal of Enhanced Research in Educational Development (IJERED), Vol. 6 (6), Nov-Dec 2018
- Hydropower Development in High Altitude Ecosystem, International Journal of Scientific Research and Reviews, 7(2), 2018
- Pollution in the Metropolitan City of Delhi, National Association of Geographers India, Vol. XIX , No1 &2, June 1999.
- Regional Inequalities in the Process of Socio-Economic Development ,National Association of Geographers India, Vol. XV, No. 1, June 1995.

#### **PUBLISHED PAPERS IN EDITED BOOKS**

- “The Energy Scenario of India: An Assessment” in Poonam Sharma and Swati Rajput ed. Sustainable Smart Cities in India: Challenges and Future perspectives, Springer International Publishing, Switzerland, ISBN 978-3-319-47144-0 in print.
- “Impact of Intensive Construction in Mountain Regions: A Case Study of Kinnaur District, Himachal Pradesh” in Raman,V.A.V. ed. Geoanthropogenic Environment: An Appraisal, A.K. Publications, New Delhi, 2016 ISBN: 978-93-85022-73-9
- “Regional Imbalances in India: An Empirical Analysis” in book edited by Prof B.Thakur,George Pomery, Chris Cusack and Sudhir K Thakur, “City ,Society and Planning”, Vol. 3, Concept Publishing Company, New Delhi, 2007. ISBN-10:81-8069-461-5
- “The Privatisation of Water”, in Natural Resource Management, edited by Dr.B.W.Pandey, Mittal Publications, New Delhi, 2005. ISBN81-7099-986-3
- “Pollution Levels in Metropolitan City of Delhi” in National Association of Geographers India, Vol. XIX, No. 1& 2, June 1999.
- “Ahemdabad: The Textile city of India” in a book edited by Prof. R.P.Misra and Prof. Kamlesh Misra "Million Cities of India" , 2<sup>nd</sup> edition Sustainable Development Foundation, New Delhi, 1998. ISBN: 81-900975-2-0
- “Urban Environment” in Souvenir of IX conference of Indian Institute of Geomorphologies, held at Department of Geography, Delhi school of Economics, University of Delhi, 1998.

#### **PARTICIPATION IN CONFERENCES, SEMINARS, WORKSHOPS**

- Chaired the Technical Session on Ecological Sustainability and Livelihood Adaptations in the Himalayan Region on April 8, 2025, in International Conference on Geospatial Innovations for Biodiversity Conservation, Climate Resilience, and Sustainable Development Across Multi-Domain organized by the Department of Geography, Kalindi College, in association with the Centre for Himalayan Studies, University of Delhi.
- Chaired a technical session and delivered lead lecture on Analysing the Impact Green Buildings for Energy conservation and Water Consumption Management in International Conference on Mapping the Future: Geography for a Better World Organized by Department of Geography, North-Eastern Hill University , Shillong from December 19-21, 2024.
- Shared thoughts in the International Conference on Lightning and Extreme Weather Events on theme Social Justice and Empowerment of the most vulnerable communities in building resilience on December 09, 2024 organised by the Climate Resilience Observing Systems Promotion Council(CROPC, National Disaster Management Authority(NDMA) and Indian Meteorological Department (IMD).
- Invited to deliver a lead lecture on Garbage Patches: An Environmental Concern in a technical session in the International Seminar on ‘Envisaging Bharat as a Voice of Global

South: Revisiting COP 28' held on August 27-28, 2024 organised by the Department of Geography, Indraprastha College for Women , University of Delhi.

- Lead Speaker and Session Chair in Plenary Session "Communities, Governance and Sustainable Practices" online International Conference "CTPDCON-ERA 2023, Educational Reforms and Advancements" on 14-15 October, 2023 organised by Council for Teachers' Professional Development, India(CTPD)(14<sup>th</sup> October)
- Annual Lightning Conference, on August 28-29, 2023, at Mausam Bhawan Complex, organized by Climate Resilient Observing Systems Promotion Council (CROPC), Indian Meteorological Department and Ministry of Earth Sciences.
- Lead Speaker and Session Chair on Vulnerability Groups, Industrial Disasters and Emergencies in National Conference on Transforming India-Risk to Resilience organized by Special Centre for Disaster Research, JNU, March 15-17, 2023
- Chaired technical session on Causes and effects of environmental degradation, XVI International Geography Conference on Environment, Population and Sustainable Development, by Deccan Geographical Society of India and Aryabhata Knowledge University, Patna, September 10-12, 2021
- Presented paper titled Inclusive and Sustainable Urban Development Transformations in the Making of Smart City Jaipur in International Online Conference on Exploring the Application of Solidarity Approach in Geography, SBSC, University of Delhi, April 5-6, 2021
- Invited Lecture in 7<sup>th</sup> Annual International Virtual Conference on Sustainability in Current Scenario: Challenges and Solutions, Centre for Climate Change and Water Research, Suresh Gyan Vihar University, Jaipur, Rajasthan, November 5-7, 2020
- Invited to deliver lecture in international e-Conference on Climate Resilience and Disaster Risk Reduction for Sustainable Development on August 17-18, 2020 by Nizam College, Osmania University, Forest College and Research Institute and Council for Green Revolution Hyderabad, Telengana
- Presented paper titled Urban Green Spaces in Indian Metropolitan Cities in International Conference on Livable Cities: Transforming Sustainability and Its Challenges, SBSC, University of Delhi, February 5-7, 2018
- Presented paper "Mapping the Impact of Green Spaces in Modulating the Temperature in Planned and Unplanned Residential Areas" in National Seminar on Urban Environment in the 21<sup>st</sup> Century: Issues and Challenges, Department of Geography, Jamia Millia Islamia, New Delhi , 27-28 March, 2018 .
- Co-Chaired a session on "Urbanisation and Urban Environment" in UGC-SAP National Seminar on Urban Environment in the 21<sup>st</sup> Century: Issues and Challenges, Department of Geography, Jamia Millia Islamia, New Delhi, 27-28 March, 2018 .
- Co-Chaired a session on "Indoor and outdoor Environmental Pollution" , in National Conference on Climate Change: Sustainable Agriculture and Environment, Department of Geography, Aligarh Muslim University, Aligarh, Uttar Pradesh, 17-18 March 2018
- Presented titled "Urban Parks, Microclimate and Resilient Cities" International Conference: 38th Asian Conference on Remote Sensing 2017, during October 23-27, 2017

at The Ashok, New Delhi

- Presented paper “Parks: The Green Engines for Sustainable Cities” at International Conference ,Nordic Geographers Meeting in Stockholm , Sweden during 18-21 June 2017
- Chaired a group work session on Food Technology and Nutritional Security in UGC-SAP National Seminar on Emerging Frontiers in Resources, Environment, Urban and Regional Planning , Department of Geography, University of Delhi, 23-24 December 2017
- Presented in Brain Storming Session for Developing an Exclusive Programme for Women Scientists in the Field of Geo-Spatial Technology for training , Skill Development and Employment Generation” DST and Department of Geography ,Jamia Millia Islamia New Delhi,13-14 September , 2017
- Paper presented titled “Role of Mountains in Attaining Sustainable And Secure Energy: An Assessment from Himachal Himalayas” in International Conference on Spatial Decision support System for National sustainable Development Goals at Kalindi College, Delhi, 1-2 February, 2017.
- Paper presented titled “Urban environment and micro-climate: A view over Indian Mega Cities in National Conference on Resslerent Cities: Post Habitat III, at conference Centre, Shaheed Bhagat Singh College,University of Delhi, 3-4 February ,2017
- Paper presented titled “Potential and site Evaluation for Nonconventional Energy Resources in Higher Himalayas: a case Study from Kinnaur District, Himachal Pradesh” in National Conference on Geoinformatics for Natural Resource Management at Jamia Milia Islamia, New Delhi, on 7-8 February, 2017.
- Co-Chaired Technical Session VIII –Spatial Decision Support System to Achieve Gender Equality and Empower Al Women and Girls, in International Conference on Spatial Decision support System for National sustainable Development Goals at Kalindi College, Delhi, 1-2 February, 2017.
- Co-Chaired a session 5C on Population and Development in National Conference on Geoinformatics for Natural Resource Management at Jamia Milia Islamia, New Delhi, on 7-8 February, 2017.
- Chaired a session on Group Work on Habitat III at Seminar on Global Initiatives (SDGs, DRR, COP21, Habitat III, IYGU) and Indian Environment, at Department of Geography, Delhi of School of Economics, University of Delhi on 04 June 2016
- Co -Chaired Technical Session II at National Conference On ‘Himalayan Perspectives: People, Land and Resources’ at Department Of Geography ,Kamala Nehru College, University of Delhi , on 12<sup>th</sup> April, 2016
- Presented an invited talk on Green Urbanisation: new perspectives at National Workshop on “Stipulating Role Agriculture and Forestry in the Urban Environment: Mapping and Analysing Green Spaces” Under Innovation Project, on 4th April 2016 at Shaheed Bhagat Singh College, University of Delhi.
- Presented Paper titled “Indigenous Ecological Practices and managing Environmental Pollution” at National Workshop on “Smart Agriculture: A Blend of Ancient Wisdom and Modern Agriculture” at Aditi Mahavidhyalay,University of Delhi ,on March 29<sup>th</sup>-31<sup>st</sup>March,2016
- Presented paper titled- “Hydropower development and Environmental sustainability in Kinnaur district, Himachal Pradesh, at International Geographical Union Conference at

University of Delhi, 18-20 March, 2016

- Paper presented titled “Environmental Issues in Development: Case Studies from Himachal Himalayas” in National Conference at Kalindi College, Delhi, 25-26 February, 2016.
- Co-Chaired Technical Session III -People, Resource and Sustainability in the National Conference at Department of Geography, Kalindi College, University Of Delhi, on Environmental Ethics, Resource Depletion And Sustainable Development On 25 -26 February 2016
- Participated in Indian Himalayan Climatic Adaptation Programme (IHCAP) training program on “*Applied Glaciology*” on 2-5 February, 2016
- Participated in International workshop on “*Hydropower-Irrigation Nexus in Ganges Headwater*” on 5 December, 2015, University of Delhi
- Paper titled “Strategic Environmental Assessment and Role in Hydropower Development in Kinnaur District, Himachal Pradesh” in 37<sup>th</sup> National Association of Geography India Conference at Jammu, 2-4 December, 2015.
- Participated as subject expert in Definitional Dictionary of Geography by Commission for Scientific & Technical Terminology, Government of India, 5-9 October, 2015 at Swami Shradhanand College, University of Delhi.
- Participated as subject expert in Definitional Dictionary of Geography by Commission for Scientific & Technical Terminology, Government of India, November, 2015 SBSCE
- Presented paper title- "Hydro power generation in Himalayas: A case study of Kinnaur district, Himachal Pradesh, National conference on Smart Cities Challenges and Vision Ahead, By Shaheed Bhagat Singh College, Delhi, on 6th April, 2015.
- Participated in 14<sup>th</sup> ESRI India User Conference on 11-12<sup>th</sup> December, 2013 at New Delhi
- Participated in the International Geographic Union (IGU) Conference on “Geoinformatics for Biodiversity and Climate Change”, organised by Department of Geography, Mahirshi Dayanand University, Rohtak, Haryana, 14-16 March, 2013.
- Participated in two day Delhi Round Table Conclave (DRTC 2013) on Vulnerable India: Ocean Acidification, Sea Level Rise And Extreme Events, LIGHTS (Learning in Geography, Humanities, Technology & Science) Research Foundation, 11-12 March 2013 at India International Centre, Lodhi Road, New Delhi.
- Presented paper titled Role of Geospatial Technology in Disaster Preparedness in National workshop on Youth, Technology and Disaster Risk Reduction, All India Foundation for Peace and Disaster Management, at The American Centre, New Delhi, March 25-26, 2011
- Presented Paper titled Environmental Concerns of Urban Expansion and Reducing Green Cover in National Conference organised by All India Foundation for Peace and Disaster Management on Women, Environmental Education and Climate Change, at The American Centre, New Delhi, May 28-29, 2010.

#### CONFERENCE ORGANIZATION/ PRESENTATIONS

1. Co-Convener international Conference on Urban Development Missions Restructuring of

Shaheed Bhagat Singh College, University of Delhi / [www.sbsc.in](http://www.sbsc.in)

Spaces and Emergence of New Urbanism November 15-16, 2024 organised by Department of Geography, Shaheed Bhagat Singh College, University of Delhi

2. Convener, three days online Training Program on Disaster Management Plans to Enhance Resilience of Institutional Buildings in collaboration with National Institute of Disaster Management, Ministry of Home Affairs, Government of India, February 23-25, 2022
3. Convener, Three days online training on Disaster Risk Reduction and Resilience in collaboration with National Institute of Disaster Management, Ministry of Home Affairs, Government of India, October 21-21, 2021
4. Co-Convener, International conference on Exploring the Application of Solidarity Approach in Geography, SBSC, University of Delhi, April 5-6, 2021.
5. Convener, Capacity Building Program on Hydro-Meteorological Disaster: Techniques of Measuring, Monitoring and Management of Floods under Pandit Madan Mohan Malviya National Mission on Teachers and Teaching, Ministry of Education, Government of India, March 1-7, 2021.
6. Co-Convener, National Workshop, Geographers' Youth Conclave on Use of Social Media as a Research Tool in Geography: Shifting Paradigms and Emerging Issues, by Shaheed Bhagat Singh College, University of Delhi, January 28-29, 2021.
7. Convener, National Workshop, Geographers' Youth Conclave on Sustainable and Innovative Environmental Practices, by Shaheed Bhagat Singh College, University of Delhi, January 30-31 2020.
8. Co-Convener, National Seminar on Spatial Dimensions of Environmental Problems and Natural Resource Law by Shaheed Bhagat Singh College, at Conference Centre, University of Delhi, September 3-4 2019.
9. Co-Convener, International Conference on Livable cities: Transforming Sustainability and Its Challenges, by Shaheed Bhagat Singh College, at Conference Centre, University of Delhi, 5-7 February 2018.
10. Co- Convener, National Conference on Resilient Cities: Post Habitat III, at Conference Centre, Shaheed Bhagat Singh College, University of Delhi, 3-4 February 2017
11. Convener, National Faculty Development Program on Data Handling and Advance Analytics on 2-8 May 2016.
12. Co- Convener, International conference: IGU on land Use Change, Climate Extremes and Disaster Risk Reduction ,18-20 March, 2016 at University of Delhi
13. Convener for Workshop for preparation of geography dictionary under Commission for Scientific and Technical Terminology, Ministry of HRD, on 10-13 August, 2015
14. Convener, National Conference on "Smart Cities: Challenges and Vision Ahead" at India International Centre on 6<sup>th</sup> April, 2015

#### **PARTICIPATED IN WORKSHOPS & COURSES**

- Participated in 3-Day day 'Bhuvan Overview' online training conducted by National Remote Sensing Centre, Hyderabad, Department of Space, ISRO during January 21-23, 2025 .
- FDP on New Education Policy held during March 18-28, 2024 by UGC-HRDC, Jamia



Millia Islamia.

- Completed online course on “Remote Sensing & GIS Technology and Applications for University Teachers & Government Officials” which was conducted by Indian Institute of Remote Sensing (IIRS), ISRO Dehradun, during 13-06-2020 to 01-07-2020.
- Participated in Five Days Virtual FDP o “R Programming” May 25-29,2020, Organised by School of IT IMS Noida in association with spoken tutorial, IIT Bombay.
- Participated in workshop on Structural Equation Modelling, 30.12.2017 and 17.2.2018,at RDIAS, Rohini ,New Delhi.
- Participated in workshop on Factor analysis, 12.08.,at RDIAS, Rohini ,New Delhi.
- Participated In National Faculty Development Program On “Research Methodology And Data Analysis, 21-27 November, 2016 , At Shivaji College, University Of Delhi.
- Global Initiative For Academic Networks (GIAN) On ‘Global Cities Sustainability And Management Of The Urban Ecosystem’ ,1-5 November,2016, Department Of Geography ,Jamia Millia Islamia, New Delhi.
- Indian Himalayan Climatic Adaptation Programme (IHCAP) Training Program On “Applied Glaciology” On 2-5 February, 2016
- International Workshop On “Hydropower-Irrigation Nexus In Ganges Headwater” On 4-5 December, 2015 , University Of Delhi

#### Association With Professional Bodies

Member:

- National Associations of Geographers India
- Association of Geographical Studies
- Indian Society of Remote Sensing
- National Geographical Society of India, BHU
- The Indian Geographical Society, Chennai
- Institute of Indian Geographers (IIG) Pune
- The Deccan Geographical Society, India