

CURRICULUM VITAE

Dr. Shabnam Ara

Assistant Professor

Email: arashabnam128@gmail.com

AREA OF INTEREST

- *Urban Geography, Transport Network and Regional Development.*
- *Socio- Economic Development*

ACADEMIC QUALIFICATIONS

- *Ph.D. in “Transport Network and Its Impact on Regional Development in Haryana”, Department of Geography, Jamia Millia Islamia, New Delhi, INDIA.*
- *Master of Art (Geography) (Gold Medallist), Department of Geography, JMI, New Delhi, INDIA.*
- *Graduation (Geography), First División, Department of Geography, JMI, New Delhi, INDIA.*
- *Senior Secondary, First División, C.B.S.E. Noor Nagar, New Delhi, INDIA.*
- *Higher Secondary, First División, C.B.S.E. Noor Nagar, New Delhi, INDIA.*
- *Diploma in Computer Application & Multiple D.T.P, First División, Institute of Objective Studies (Delhi Minorities Commission), Zakir Nagar, Okhla, New Delhi, INDIA.*

AWARDS AND FELLOWSHIP

- UGC-NET
- *Awarded Maulana Azad National Fellowship*
- *Awarded SRF in Maulana Azad National*
- *Merit scholarship in Master*

DETAILS OF EXPERIENCE

- *Presently working as an Assistant Professor in the Department of Geography, Hamidia Girls’ Degree College, University of Allahabad, Uttar Pradesh.*

- Selected for the engagement of *extension lecturer in the Department of Geography, Haridwarilal Goyal PG College, Taoru, Nuh*, affiliated with University of Rohtak, Haryana.
- Selected for the engagement of *guest faculty in the Department of Geography, Hamidia Girls' Degree College*, University of Allahabad, Uttar Pradesh.
- Selected for the engagement of *guest faculty in the Department of Geography, Nehru Degree College, Faridabad* affiliated with University of Rohtak, Haryana.
- Assisted Professors from Japan in their research project "*Emerging Mega-Region and Socio- Economic Development in Contemporary India*".
- Five-year experience in Ph.D. on the Topic "*Role of Transport and its Impact on Regional Development in Haryana*".

NATIONAL SEMINARS AND CONFERENCES

1. Participation in One day National **online** conference on "**Future Cities, Sustainable Development and Geospatial Technologies**" Organised by Department of studies and Research in Geography, on 24 May, 2020.
2. Seminar Presentation in the 128-orientation programme on the theme, Ecology and Environment, paper entitled "Urban Environment Studies through the Application of Remote Sensing and GIS, on 2 March 2020.
3. Presented paper on "Identification of Soil Erosion Prone Zone using Revised Universal Soil Loss Equation (RUSLE) Model and Geospatial Technology: A Case Study on Upper Tuirial Watershed, Mizoram" on the theme Big Geospatial Data: Analytics, Modelling & Application, organised by Punjab Remote Sensing Centre, Ludhiana under the aegis of Indian Society of Remote Sensing, 25-26 September, 2019.
4. Presented Poster on "Morphometric Analysis of a Choharkhad micro-watershed: A Geospatial Approach" on the theme Big Geospatial Data: Analytics, Modelling & Application, organised by Punjab Remote Sensing Centre, Ludhiana under the aegis of Indian Society of Remote Sensing, 25-26 September, 2019.
5. Presented paper on "Youth Education and Our Society" on the theme Youth in Contemporary India: Issues, Challenges and Opportunities, organised by Department of Sociology, Ishwar Saran Post Graduate College, University of Allahabad, Sponsored by ICSR New Delhi, 27- 28 October, 2018.

6. Presented paper on “Human Impact on Water Resource and Environment”, on theme Urban Environment in the 21st Century: Issues and Challenges, organised by Department of Geography, Jamia Millia Islamia, New Delhi, 27-28 March 2018.
7. Presented paper on “Vulnerability of Water Resource and its Management”, on theme Climate Change: Sustainable Agriculture and Environment, organised by Department of Geography, Aligarh Muslim University, 17-18 March 2018.
8. Presented paper on “*Tourism and Hospitality*”, on theme Changing Paradigms in Indian Tourism: Challenges for Growth and Sustainability, held in Department of Commerce and Business Administration, University of Allahabad in collaboration with Ministry of Tourism, Govt. of India, New Delhi. -24 October, 2017.
9. Presented paper on “*Education and National Integration*”, on Theme “Concept of Nation-State and Problem of National Integration”, sponsored by Directorate of Higher Education, Haryana, Organised by Department of Political Science, Nirankari Baba Gurubachan Singh Memorial College, Sohna, District Gurugram, Haryana –India, March 20, 2017.
10. Presented paper on “*Role of Human Resource Development in Economy*”, UGC National Seminar on Human Resource Development in Twelfth Five Year Plan: Challenges & Possibilities, Department of Economics, HGDC, University of Allahabad, February 20-21, 2016.
11. Presented paper on “*Contribution of Geography in Planning Regional Development of Haryana*”, 37th Indian Geography Congress, National Association of Geographers, India, organised by Department of Geography, University of Jammu, J&K, December 2-4, 2015.
12. Presented paper on “*Transport Network Analysis and Nodal Accessibility in Mewat- Haryana*”, National Seminar on “Dynamics of Population and Development”, on the occasion of Golden Jubilee Year of Uttar Bharat Bhoogol Parishad, Department of Geography, Deen Dayal Upadhyaya, Gorakhpur University, Gorakhpur, Uttar Pradesh, India, February 28 to March 1, 2015.
13. Presented paper on “*Regional Inequalities and Regional Development in Haryana*”, XXXIII Social Science Congress at Bhim Rao Ambedkar Open University, Hyderabad (A.P.), March 10-14, 2010.
14. Attended National Seminar on “*Economics of Solid Waste Management: An Indian perspective*”, organized by Department of Economic under UGC Special Assistance programme (DRS-1),

Jamia Millia Islamia, New Delhi, March 12-13, 2010.

INTERNATIONAL SEMINARS AND CONFERENCES

1. Paper presented on “Environmental Protection in Constitutional Framework” on the theme Climate Change, Disaster and Sustainable Livelihood, 15 DGSI International Geography **Online** Conference, organised by Department of Geography, University of Allahabad, 26-28 November, 2020.
2. Paper Presented on “Natural Environment After Covid-19 Lockdown” on the theme Implication of Covid-19 on Local and Regional Sustainable Development: A Global Perspective, First IGU **E- Conference**, 27-28 June, 2020.
3. Presented paper on “Ground water Extraction and Its Effect on Environment”, on the theme Global Water Crises: Agriculture and Food Security in the Era of Climate Change, organised by Department of Geography, Aligarh Muslim University, Aligarh, 1-3 December, 2018.
4. Participated in Seminar on Interdisciplinary Theme “Water Management: Issues and Challenges”, sponsored by Directorate of Higher Education Haryana, Panchkula, Organised by Department of Geography, Government College Sidhrawali, District Gurugram, Haryana –India, January 28, 2017.
5. Presented paper on “*Road Connectivity and Traffic Flow in Mewat - Haryana*”, X DGSI International Geography Conference on “Sustainable Planet Earth: Ecological Dimension and Strategies”, organised by Department of Geography, Mohanlal Sukhadia University, Udaipur, Rajasthan in collaboration with The Deccan Geographer Society, India, October 17 – 19, 2015.
6. Presented paper on “*Levels of Development in Haryana*”, IX DGSI International Geography Conference on “Tourism, Environment and Development”, organised by University Department of Geography, Magadh University, Bodhgaya in collaboration with The Deccan Geographer Society, India, February 26 – 28, 2015.
7. Presented paper on “*Socio-economic Structure of Slum Population: A Household Level Analysis of South District of Delhi*”, on 1st International Conference of Association of Punjab Geographer on Disaster, Natural Resource Management and Socio-economic Development, organised by Department of Geography, Kurukshetra University, Haryana, India, October 4-5, 2013.

8. Attended Conference on “*The Eastern Himalaya: Climate Change Livelihood and Poverty*”, organised by the Centre for North East Studies and Policy Research, Jamia Millia Islamia, New Delhi, March 7-8, 2013.
9. Presented paper on “*Socio- Economic Condition of Migrants with Special Reference to North East People in Delhi*”, at International conference on “Population Dynamism and Sustainable Recourse Development”, Organised by Department of Geography (under SAP-1 DRS-II Programme) Aligarh Muslim University, Aligarh, India, March 25-27, 2012.
10. Presented a paper on “*Nodal Accessibility and Urban Attributes: A Case Study of NCR Delhi*”, at International Conference on “Recourse Development and Environmental Change Emerging Issues and Challenges”, Organised by department of geography, Aligarh Muslim University, Aligarh, India, January 27-29, 2009.

WORKSHOP

- Five Days **online** Workshop on **NAAC**, organised by University of Allahabad, 23-27 August, 2021.
- Participated in One-Day **Online** National Level Workshop on '**Various Aspects of Research Funding, Academic Writing and Publication Ethics**' organised by Research Cell, Shivaji College (University of Delhi), New Delhi, India on 30.01.2021.
- JNU **WETOM IV** on the theme Going **Online**: Classroom, Fieldwork, and Research, Organised on 11-12 July, 2020.
- Participated in **Three Days online First International Workshop on RESEARCH METHODS AND APPROACHES TO MIGRATION AND DIASPORA STUDIES** organised by the Centre for Diaspora Studies, Central University of Gujarat, Gandhinagar, India in collaboration with the Centre for Migration, Refugees and Belonging, University of East London, U.K. from 30 June to 2 July 2020.
- Participated in Two Days **Online** National Workshop on **Research Support Tools** on organized by the Internal Quality Assurance Cell under the Paramarsh Scheme of University Grants Commission (UGC), 24 and 25 June 2020.
- JNU **WETOM III**, on the theme **Online Assessment and Evaluation** organised on 13-14 June, 2020.
- Participated in One Day FDP on **Creation of Moodle Sites** organised by the Department of Business Management, RBVRR WOMEN’S COLLEGE on 8 June, 2020.
- Participated in Two Days **Online** Workshop on **Self Development** organised by Department of Business Administration on 20-21 April, 2020.

- Participated in Two Days **Online GIS Workshop** organised by Swastik EduSatrt – Geospatial Training Institute (Authorised Training Centre ITT Council, New Delhi, from 12-13 April, 2020.
- One-week DST Workshop on “**Application of Remote Sensing, GIS in Natural Resource Management**” Sponsored by Department of Science and Technology, Govt. of India, New Delhi, organised by AMU, 09-15 October, 2017.

TRAINING PROGRAM

1. Tier II Training Course on “**Sustainable Development and Management of Ground Water Resource**” under the aegis of National Ground Water Training and Research Institute, Raipur, Central Ground Water Board, Northern Region, Lukhnow, held at University of Allahabad from 19-21, September, 2017.
2. Training Programme on “**HUMAN RIGHTS**”, Sponsored by National Human Rights Commission, New Delhi, Hamidia Girls’ Degree College, University of Allahabad, Allahabad, 28 November 2015.
3. ICSSR Training Programme on “**Research Methodology Course in Social Sciences for PH. D Students**”, organized by Department of Geography, Jamia Millia Islamia, New Delhi, February 20 to March 1, 2013.
4. Training Program on “**Remote Sensing and Digital Image Processing**”, conducted at Regional Remote Sensing Service Centre Jodhpur, Under the aegis of National Natural Resource Management System during 7- 11 January, 2008.

SHORT TERM COURSE

1. Participated in three-days **online course on writing Case Studies, Project Preparation and Funding of Research Projects**, organised by Indian Academic Researcher Association, Trichurapalli, Tamil Nadu, held on 21-23 May, 2020.
2. Participated in two-days **online course on Disaster Management and its Mitigation**, organised by Department of Civil Engineering, Aligarh Muslim University, 20-21 May, 2020.
3. Short term course on “**Computer Applications**”, (For the Faculty of Minority Managed Degree Colleges) Centre for Academic Leadership and Education Management (CALEM) Under the Scheme of Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNTT) (Govt. of India), 29 February to 6 March 2016.

4. Short term course on “*Earthquake Disaster Management*”, jointly conducted by Sikkim Studies Programme of the Centre for North East Studies and Department of Geography, Jamia Millia Islamia, New Delhi, August 22-24, 2012.

ORIENTATION COURSE/ INDUCTION PROGRAM

1. Participated in 128th Orientation Program organised by HRDC Jamia Millia Islamia, New Delhi, from 12 February to 3 March, 2020.
2. Participated in Induction program under the scheme of PMMMNMTT by MHRD, in Ramanujan College, University of Delhi, 9 April to 5 May 2018.
3. Orientation Course on “*Research Methodology and Environmental Studies, under UGC Sponsored DRS-I (SAP)*”, Organised by Department of Economics, Jamia Millia Islamia, New Delhi, February 19 to March 12, 2010.

REFRESHER COURSE

- **Online** Subject Refresher course on Environmental Studies, organised by HRDC, AMU, Aligarh 25 October – 9 November 2021.
- Participated in NRDMS- DST Geospatial Technology (Level-1) program from 18 June to 8 July 2019 conducted by Department of Geography, Himachal Pradesh University, Shimla, Govt. Of India.

PUBLICATIONS (NATIONAL JOURNALS)

1. Ara, S and Devi, M. S. (2021), “Climate Change and Bio-Diversity”, Journal of Chemistry, Environmental Sciences and its Applications, Vol. 7 (March), No. 2, pp. 1-5. ISSN 2349-7769 <https://jce.chitkara.edu.in/> (Single Blind Peered Review)
2. Devi, S.M. and Ara, S. (2017). Analysis of Water Quality Status of Nambul River in Imphal City. Shod Drishti, 8 (15), 49-54. ISSN: 0976-6650 (Impact Factor – 2.591)
3. Devi, S.M., Devi, A. and Ara, S. (2016). Identification of Urban Sprawl and Land use/ Land Cover Change in Imphal City and Its Surrounding Areas using

GIS/ Remote Sensing Technique. Interdisciplinary Journal of Contemporary Research, 3 (4), 1-8. ISSN: 2393-8358

4. Ara, S. (2016). Nodal Accessibility of Mewat District- Haryana, The Rohilkhad Geographical Journal of India, vol. XXI, pp. 09-17, ISSN - 0976-8556
5. Ara, S. (2012). Urban Attributes and Transport Linkages – A Case Study of National Capital Region. Landscape- A Forum for Young Geographer, Department of Geography, Shaheed Bhagat Singh College, University of Delhi, 18-19.

PUBLICATIONS (INTERNATIONAL JOURNALS)

1. Ara, S. (2016). Role of Human Resource Development in Economy. Asian Journal of Multidisciplinary Studies, 4 (13), 188-192.
2. Ara, S. (2016). Transport Network Analysis of Mewat District- Haryana, International Journal of Innovative Knowledge and Concepts, 2 (12), 38-43.
3. Ara, S. (2016). Road Connectivity and Traffic flow in Mewat District – Haryana, International Journal of New Innovations in Engineering and Technology, 5 (3), 7-19.

PUBLICATIONS (EDITED BOOK)

- 1 Yousuf, A., Ara, S, et. al., (2020), “Morphometric Analysis of a Choharkhad micro-watershed: A Geospatial Approach” in Urban Environment: Issue and Challenges (edited by Prof. Shahnaz and Prof. Atiqur Rahman), pp-323-339, R. K. Books, Delhi. ISBN, 978-93-82847-99-1
- 2 Ara, S. (2019), Ground Water Extraction and Its Impact on Environment. In: Water Crises and Food Security, (edited by Ateeq Ahmad, Syed Kausar Shamim and Nikhat Bano). pp 130-148. Delhi, Keystone Publishing House. ISBN, 978-81-928754-5-3
- 3 Ara, S. (2018), Vulnerability of Water Resource and Its Management. In: Water Management in India: Issues and Challenges (edited by S. I. Ahmad and A. Joshi). pp 21-28. Delhi, Bookwell Printing Press. ISBN, 978-93-86578-31-0
- 4 Devi, S.M. and Ara, S. (2018). Analysis of Water Quality Status of Nambul and Imphal Rivers in Imphal City. In: Water Management in India: Issues and Challenges (edited by S. I. Ahmad and A. Joshi). pp 93-114. Delhi, Bookwell Printing Press. ISBN, 978-93-86578-31-0

- 5 Ara, S. (2016). Socio-Economic Conditions of Migrants from North-East India to Delhi: An Analysis. In: Plurality of Indian Minorities Struggle for Development (edited by S. I. Ahmad and A. Joshi). pp 133-142. Chandigarh, Haryana: Sapatrishi Printing Press. ISBN, 978-93-8014-522-8
- 6 Ara, S. and Kumar, S. (2014). Socio- Economic Structure of Slum Population: A Household Level Analysis of South District of Delhi. In: Insensate Urbanisation (edited by S. I. Ahmad and P. Kaushik). pp 213-223. Patiala, Panjab: Twenty First Century Printing Press. ISBN, 978-81-933093-1-5

LIFE MEMBERSHIP

- The Rohilkhand Geographical Journal of India (NAGI)
- Association of Punjab Geographer- A Ludhiana Chapter

FACULTY DEVELOPMENT PROGRAM

- **One-week online** Faculty Development Programme on the theme **Gender Equality organised by CALEM at the UG, HRDC, AMU Aligarh**, 24 to 31 March, 2021.
- One-week **online** FDP on **Digital Tools for Sustaining Academic Research During Pandemic COVID -19** organised by Hamidia Girls' Degree College, University of Allahabad from 7 -13 September, 2020.
- Two Week **online** FDP on "**Comprehensive e-Learning to e-Training guide for Administrative Work**" organised by Teaching Learning Centre, Ramanujan College, Sponsored by MHRD, PMMMNMTT from May 25 - June 05, 2020.
- One Week **online** FDP on **Changing Facets of Contemporary issues for Promoting World Class Research and Innovations in Law Management and IT**, organised by Ideal Institute of Technology held on 25 -31 May, 2020.
- **Five days online** Faculty Development Program on '**Transition Management for Higher Education During Covid-19 Pandemic: A Blueprint**' organised by Sydenham FDC with association of Chatrapati Sahu Institute of Business Education and Research Kolhapur under PMMMNMTT from 2 to 6 May, 2020.
- **Two-week online** course on MOOCs under the scheme PMMMNTT by TLC Ramanujan College, 20 April to 6 May 2020.

INTERNATIONAL / NATIONAL WEBINARS

- Participated in Webinar on "Waste to Energy Generation: Materials and Techniques" organised by Pratap University, Jaipur on 29 August 2020.

- Attended International webinar on **Contemporary challenges and Importance of Legal Education**, 18 July, 2020.
- Participated in international webinar lecture series on “**Applications of Geospatial Technology**” held during 11 June - 25 June, 2020, organized by Amity Institute of Geo-informatics and Remote Sensing (AIGIRS), Amity University, Noida, Uttar Pradesh, INDIA.
- Participated in course/webinar of **IIRS Outreach Program on Health GIS**, on 15-19 June, 2020.
- Participated in the webinar on **Plagiarism Tool for Regional Languages** organised by INFOKART India PVT. LTD. on 12 June, 2020.
- Participated in webinar on **Academic Publishing and Enhancing Research Effectiveness**, organised by Dr. Zakir Hussain Library, JMI, New Delhi on 9 June, 2020.
- Participated in the panel discussion organized by the Department of Geography, School of Basic and Applied Sciences, Adamas University on the theme of “**The Science of Places: Exploring the Career Goals and Competencies of Future Geographers**” on 31st May 2020.
- Participated in the Webinar on **Plagiarism Tool for Regional Languages** organised by JNU Dr. B. R. Ambedkar Central Library in association with CHECKFORPLAG, Antiplagiarism software, on 30 May 2020.
- Participated in National Webinar on "ONLINE EDUCATION: CHALLENGES AND STRATEGIES DURING PANDEMIC COVID-19" organized by University Computer Centre, Dr. Bhimrao Ambedkar University, Agra, on 29th May 2020.
- Participated in webinar on the theme **Biodiversity and Public Health**, organised by Eco Club Shivaji College, University of Delhi on 19 May, 2020.
- Participated in the lecture on **Cyber, Security, Safety and Privacy in Today Digital World**, organised by Kalindi College, 17 May, 2020.

OTHER ACHIEVEMENT

1. Organised one day national workshop on Cyber Security and Cyber Crime, HGDC, University of Allahabad, 18 September, 2021
2. Organising Secretary of one week FDP, organised by HGDC, University of Allahabad, from 7-13 September, 2020.
3. Organised webinar on Environment Day, 5 June, 2020
4. Organised seven days programme from 04-10 November, 2019, on the theme *Jal Bachao – Kal Bachao*, in the dept. of Geography, Hamidia Girls’ Degree College, University of Allahabad.
5. Organised poster competition on the theme ‘Save Environment Save Earth’ on 14 August 2018.
6. Nodal Officer of Fashion Design and Embroidery of B.Voc Trade in HGDC, since August 2017 to May 2018.

ARTICLES REVIEWED

- Reviewed manuscript in National Conference **Advances in Applied Sciences and Mathematics**, titled “**Power Spectrum Analysis of Pre-Monsoon Season Rainfall over Andhra Pradesh**” organised by Department of Applied Sciences, CUIET, Chitkara University, Punjab, 24-25 September, 2020.
- Reviewed manuscript in National Conference **Advances in Applied Sciences and Mathematics**, titled “**Statistical Down Scaling in Maximum Temperature Future Climatology**” organised by Department of Applied Sciences, CUIET, Chitkara University, Punjab, 24-25 September, 2020

CO-CHAIR OF THE SESSION

- Co-chaired a session on the theme **Urban Environment Issues and Challenges** during XVth DGSI International Geography **Online** Conference on the theme **Climate Change, Disasters and Sustainable Livelihood** organised by Department of Geography, University of Allahabad, Prayagraj from 26th-28th November, 2020. We wish her/him all the best for all the future endeavours.
- Co-chaired a session on the theme **Environment and Sustainable Development** during XVth DGSI International Geography **Online** Conference on the theme **Climate Change, Disasters and Sustainable Livelihood** organised by Department of Geography, University of Allahabad, Prayagraj from 26th-28th November, 2020. We wish her/him all the best for all the future endeavours.

RAPPORTEUR

- Rapporteur during the session Indoor and Outdoor Environmental Pollution and its Impact, on 03.12.2018 in the International Conference on Global Water Crisis: Agriculture and Food Security in the Era of Climate Change, held in Department of Geography AMU, Aligarh.
- Rapporteur during the session Agro Climatic Regions and Agro Ecological Zones, on 18.03.2018 in the National Conference on Climate Change: Sustainable Agriculture and Environment, held in Department of Geography AMU, Aligarh.