



KAZI NAZRUL UNIVERSITY ASANSOL

Faculty Profile

1. **Name (Block Letter):** MR. MD SENAUL HAQUE
2. **Department:** Geography
3. **Current Designation:** Assistant Professor



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8. Educational Degrees:

Degree	Name of the University	Date of Award
Ph.D	University of Delhi	Pursuing*
M.Phil	University of Delhi	2015
P.G	Aligarh Muslim University	2012
U.G.	Aligarh Muslim University	2010

*Enrolled in 3rd November, 2015.

9. Academic Interest

Urban Geography, Urban Environment and Health, Pollution and Diseases, Medical Geography, Urban Health and Health Care Geography.

10. Research Areas

Assessing urban health in Indian metropolitan city focusing on Drinking Water and Sanitation, Solid Waste Management, Air Pollution Assessment, Epidemiological Assessment of Respiratory Health, Diseases Mapping, Urban Heat Island (UHI) and Sustainable Urban Development.

11. Academic Endeavours

1. Qualified University Grants Commission (UGC) NET in June, 2012.
2. Recipient of '*University Merit Scholarship*' under the Faculty of Science in M.A. for the period of 2010-2012 in Aligarh Muslim University (A.M.U.), Aligarh, India.
3. Occupied the Post of '*Secretary, A.M.U. Geographical Society*' for the session 2010-2011 in Department of Geography, A.M.U. Aligarh, India.
4. Recipient of UGC: Maulana Azad National Fellowship for Minority Students to Pursue M.Phil / Ph. D. Degree, dated by 28th February, 2013, India.

12. Travel (Fellowship) Grants

1. Awarded Travel Grant from International Society of Urban Health (ISUH) to attain 14th International Conference of Urban Health (ICUH) held in Coimbra, Portugal in between 26-29 September, 2017.
2. Awarded Travel Grant from Bureau of International Co-operation, Chinese Academy of Sciences (CAS) to attain an International Training Workshop on Scientific Big Data Sharing and Publication for Developing Countries held in Beijing, China in between 16th -4th November, 2017.
3. Awarded Travel Grant from Institute of Remote Sensing and Digital Earth (RADI), Chinese Academy of Sciences (CAS) to participate in an International Conference of Asia-Oceania Global Earth Observation System of Systems (AOGEOSS) and The International Training Workshop held in Deqing, Zhejiang, China in between 16-19 May, 2018.
4. Awarded Travel Grant from Planetary Health Alliance (PHA) to present research poster in the Planetary Annual Health Meeting took place in The University of Edinburgh, Edinburgh, UK in between 29-31 May, 2018.

13. Teaching Experiences

1. Taught students of first semester in M.A. in the Department of Geography, Delhi School of Economics, University of Delhi for the paper titled 102: **Environment and Ecology** in 2017. (**Tutorial Classes**)
2. Taught student of fourth semester in M.A. in the Department of Geography, Delhi School of Economics, University of Delhi for the paper titled 415: **Urban Impacts on Natural Resources and Environment** in 2018. (**Tutorial Classes**)

3. Assistant Professor (Guest) in Department of Geography, Kalindi College, University of Delhi (From 25th July 2018 to 30th October 2018).

14. Seminar Involvement

1. Assisted as Member, Organizing Committee in UGC-SAP-DRS – III National Seminar on ‘Emerging Frontiers in Resources, Environment, Urban and Regional Planning’ organized by the Department of Geography, Delhi School of Economics, University of Delhi, 23-24 December, 2017.
2. Addressed as Discussant to the AAS-in-Asia conference on ‘Asia in Motion: Geographies and Genealogies’ in the session titled ‘Coping with Monsoon in China and India in the 19th and the 20th Century: Exploring a New Regional History using a Database and Spatial Analysis’ held in New Delhi, 5-8 July 2018.

15. Training Courses, Workshops

1. Participated in an International conference of Asia-Oceania GEOSS (AOGEOSS) and Training Workshop held in Deqing, Zhejiang, China in between 16th to 19th May, 2018.
2. Participated in the Global Initiative of Academic Networks (GIAN) of Ministry of Human Resource Development (MHRD) training course on “Epidemiological Research Methods and Analysis” organised by the Population Research Centre, Department of General and Applied Geography, Dr. Harisingh Gour Vishwavidyalaya, Sagar from 19th to 24th February, 2018.
3. Participated in the CODATA-PASTD Sponsored International Training Workshop on Scientific Big Data Sharing and Publication for Developing Countries organized at State Key Laboratory of Resources and Environmental Information System, Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences, Beijing, China, from 16th October to 4th November, 2017.
4. Participated in the International Training Workshop on Big Data for Science and Sustainability in developing Countries organized by CODATA Task Group and Osmania University, Hyderabad, India, from 17th to 19th March, 2017.
5. Participated in a Workshop on Developing “Smart City Index” organised by Punj Lloyd Institute of Infrastructure Management, Indian School of Business at India Habitat Centre, Delhi, 19th August, 2016.
6. Participated in a Pre Symposium Tutorials on “*Trends and Challenges in Remote Sensing and Geo-informatics and Application of Geospatial Technologies*” organized by SPIE APRS, New Delhi, India, 2-3 April, 2016.

7. Participated in 16th IIRS Outreach Programme on “*Geospatial Technologies for Urban Planning*” organized in Kirori Mal College, University of Delhi, India from 11th February to 15th March, 2016.
8. Participated in a Training Course on “*Statistical Package for Social Sciences*” (SPSS) conducted by Delhi University Computer Centre (DUCC), University of Delhi, India from 15th to 19th February, 2016.
9. Participated in an “*International Shale Gas and Oil Workshop*” Organised by Director General of Hydrocarbons (DGH), Ministry of Petroleum and Natural Gas, Government of India on 28th and 29th January, 2016.
10. Participated in a Workshop on “*Research Methods in Social Sciences*” Organized by Jawaharlal Nehru University (JNU) and Indian Council for Social Science Research (ICSSR), India from 18th to 29th December, 2015.
11. Participated in a Two Days Workshop on “*Proposal Writing and Grant Management*” Organised by German House for Research and Innovation, New Delhi, India from 25th to 26th November, 2015.
12. Participated in a Training Programme on “*Remote Sensing – GIS with TNT mips Software: Special reference to Livelihood Security in Changing Socio-economic Environment in Himachal Pradesh*”, organized by Department of Geography, University of Delhi, India in cooperation with University of Turku, Finland Research Project & OPSIS system Pvt. Ltd., from 18th to 21th December, 2013.
13. Attended a Training Course on “*Advance Excel*” in Delhi University Computer Centre (DUCC), University of Delhi, India from 2nd to 13th December, 2013.
14. Participated in a workshop on ‘*How and Why to Publish*’, Organized by the TERI University, India 8th October 2013.

16. Conferences, Symposiums and Seminars

1. Poster Presented entitled “*Air Quality, Airborne Diseases and Sustainability: Interpreting Human Health taking Case Study of Kolkata*” in the Planetary Health Annual Meeting took place at University of Edinburgh, Edinburgh, UK on 29-31 May, 2018.
2. Paper presented entitled “*Urban Climate, Air Pollution and Human Health: A Case Study of Kolkata Metropolitan City, India*” in XI IGU International Conference in Collaboration with 29th Biennial Conference of North East India Geographical Society (NEIGS) on Environment and Sustainable Livelihood Organised by

Department of Geography, B. Borooah College, Guwahati from 8th to 10th February 2018.

3. Paper Presented entitled "*Air Pollution, Determinants and Diseases: An Assessment of Urban Health in Kolkata*" in 14th International Conference on Urban Health (ICUH), 2017 organised by the University of Coimbra, Coimbra, Portugal from 26th to 29th September, 2017.
4. Poster presented entitled "*Assessing Urban Environmental Impacts on Human Health in Kolkata Metropolitan City, India: A Case Study*" in X IGU International Conference on Urbanization, Health & Wellbeing and Sustainable Development organized by Department of Geography, Osmania University, Hyderabad, India from 17th to 19th March, 2017.
5. Participated in a National Conference on "Geoinformatics on National Resource Management" organized by the Department of Geography, Jamia Millia Islamia, New Delhi, India from 7th to 8th February, 2017.
6. Paper presented entitled "*Environment, Pollution and Sustainability: An Interpretation taking Case Study of Kolkata Metropolitan City, India*" in National Conference on "Making City Resilient: Post Habitat III" organized by Shaheed Bhagat Singh College, University of Delhi, India from 3rd to 4th February, 2017.
7. Paper Presented Entitled "*Addressing Sustainable Measures towards Improving the Urban Ambient Air Quality: A Case of Kolkata Metropolitan City*" in 38th Indian National Congress of National Association of Geographers India (NAGI) organized by Department of Geography, University of Mysore, Mysore, India, 26th – 28th December, 2016.
8. Paper Presented entitled "*An Overview of Different Polluting Sources of Urban Ambient Air Quality in Kolkata*" in a National Conference on "*Agriculture, Environment and Sustainable Development*" organized by Department of Geography, Aligarh Muslim University, Aligarh, India, 21st – 22nd March, 2016.
9. Paper Presented Entitled "*Assessing the Role of Vehicular Emission in Deteriorating the Urban Ambient Air Quality in Kolkata*" in IGU Conference on "*Land Use Change, Climate Extreme and Disaster Risk Reduction*" organized by Shaheed Bhagat Singh College, University of Delhi, New Delhi, India, 18th to 20th March, 2016.
10. Participated in a Symposium on "*Making Cities Safe and Inclusive: Perspective from South Asia*" organised by Institute for Human Development (IHD), New Delhi, India on 21st November, 2015.

11. Paper Presented Entitled “*Urban Ambient Air Quality and Respiratory Health in Kolkata: A Dispensary Level Analysis*” in IGU conference on “*Landuse, Water, Climate and Urban Health in Changing Urban Environments*” organized by S.N.D.T Women’s University, Department of Geography, Pune, India, 4th to 6th November, 2015.
12. Delivered talk in a Conference on “*Creating Academic Stewardship for Drinking Water and Sanitation*” a Step towards “*Swachh Bharat Mission*” Organised by CSR Research Foundation and Supported by *Ministry of Drinking Water and Sanitation*, Government of India on the Occasion of *World Environment Day*, 5th June, 2015.
13. Paper Presented Entitled “*Urban Ambient Air Quality and Sustainability: A Case of Kolkata*” in a National Conference on “*Smart Cities- Challenges and Vision Ahead*” Organized by Department of Geography, Shaheed Bhagat Singh College, University of Delhi, India on 6th April, 2015.

Research Publications

1. **Haque, S** and Singh, R.B. 2017. Air Pollution and Human Health in Kolkata, India: A Case Study. *Climate*. MDPI AG, Basel, Switzerland. Vol. 5, Issue 4, 77. Pp. 1-16. [doi:10.3390/cli5040077](https://doi.org/10.3390/cli5040077).
 2. Singh, R.B., Kumar, A. and **Haque, S**. 2016. Environment and Resource, 2012-16; In: Singh, R.B. (ed.) Progress in Indian Geography. A Country Report, 2012-2016. The 33rd International Geographical Congress, Beijing, China (August 21-25, 2016). Indian National Science Academy, New Delhi: pp. 59-76.
 3. Singh, R.B. and **Haque, S**. 2016. Urban Ambient Air Quality and Respiratory Health in Kolkata: A Dispensary Level Analysis. *Journal of Urban and Regional Studies*. Osmania University, Hyderabad, India. Vol. 2, No. 1. Pp. 7-21.
 4. Singh, R.B., **Haque, S**. and Grover, A. 2015. Drinking Water, Sanitation and Health in Kolkata Metropolitan City: Contribution towards Urban Sustainability. *Geography Environment and Sustainability*. Russian Geographical Society, Russia. Vol. 08 (04). Pp. 64-81. DOI:[10.24057/2071-9388-2015-8-4-64-81](https://doi.org/10.24057/2071-9388-2015-8-4-64-81).
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