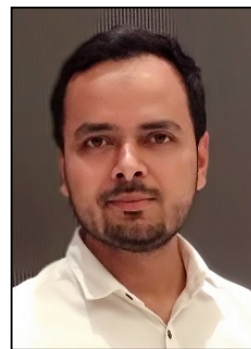


CURRICULUM VITAE

DR. MOHD. AAMIR MAZHAR

Mobile:	+91-9213131928
E-mail:	er.aamirmazhar@gmail.com gf.amazhar@jmi.ac.in
Highest Qualification:	Doctor of Philosophy (Ph.D.)
Area of Specialization:	Environmental Engineering
Teaching Experience:	> 7.5 years
Industrial Experience:	2 years
VIDWAN ID:	238723
ORCID ID:	0000-0002-4126-4999
SCOPUS ID:	https://www.scopus.com/authid/detail.uri?authorId=57218164535
GOOGLE SCHOLAR ID:	https://scholar.google.com/citations?user=78CTUYUAAAAJ&hl=en
Research Publications:	Journals = 10 International/National Conferences = 7 Book Chapters = 5
Citations:	382 (Source: Google Scholar)
h-index:	5
i10-index:	4
Patents:	01 Indian Patent (published)
Books Published:	01 (Springer)
Major Research Interest:	Water and Wastewater Treatment, Public Health Engineering Environmental Sustainability, Solid Waste Management, Concrete Technology
International Visits:	Germany



PROFESSIONAL QUALIFICATION:

Jamia Millia Islamia, A Central University, New Delhi
Doctor of Philosophy (Ph.D), 2022

Aligarh Muslim University, A Central University, Aligarh, U.P.
Master of Technology (Environmental Engineering), 2013
9.55 CPI (84.54%), First Division with Distinction

Jamia Millia Islamia, A Central University, New Delhi
Bachelor of Technology (Civil Engineering), 2009
9.08 CPI (79.71%), First Division with Distinction

EMPLOYMENT:**ACADEMICS EXPERIENCE: 7Y 11M**

Duration	Employer	Designation	Responsibilities
31 August 2022 to Till Present	Jamia Millia Islamia, A Central University, New Delhi (NAAC A ⁺⁺)	Assistant Professor (Contractual)	Teaching at the undergraduate and post-graduate level, preparing reports and statistics for internal and external use, collecting, compiling and analyzing data for NAAC, NIRF, NBA, guiding graduate students projects and post graduate students dissertation, organizing workshops, seminars and social activities, student services such as placements and career counseling, timetable coordinator, sessional coordinator, attendance coordinator.
14 February 2014 to 25 June 2019 (5 years 4 months)	Manav Rachna International Institute of Research and Studies, Haryana (NAAC A ⁺⁺)	Assistant Professor	

COURSES TAUGHT:***Undergraduate Level***

- Basics of Civil Engineering
- Elements of Environmental Engineering
- Water Supply and Treatment
- Air Pollution and Control
- Environmental Engineering
- Advance Environmental Engineering
- Building Services – I (B.Arch.)

Postgraduate Level

- Urban Environmental Utility Design
- Treatment Process – I & II
- Air Pollution
- Air & Noise Pollution Control Systems
- Transportation Safety and Environment
- Environmental Impact Assessment

INTERNATIONAL ACADEMIC VISITS:

S.No	Country	Year	Purpose
1.	GERMANY	2008	Fachhochschule Erfurt University of Applied Sciences, Erfurt, under DAAD-Education Exchange Program

INDUSTRIAL EXPERIENCE: 2years

Duration	Employer	Designation	Responsibilities
June 2010 to June 2011	Rapid Constructions Pvt. Ltd., Ghaziabad, U.P.	Site Engineer - Civil	Project: Green Woods Group Housing Society Supervision and execution of all Civil Work at Site as per specifications. Doing setting out plan, excavation, grid marking, column layout plan, checking steel as per drawings, checking form box fixing for raft columns retaining wall, concreting, production of concrete (testing). Preparation of BOQ, Estimation of Material Quantity, Planning of Manpower, Machine and Material, Co-ordination with Consultant and Client.

			Ensuring all activities to be executed with proper safety and quality.
July 2009 to June 2010	Shweta Technophile Consultants Pvt. Ltd., Ghaziabad, U.P.	Highway Engineer	<p>Projects: NH-54(26km), NH-1A(67.76km), NH-14(244.12km), NH-5(183.62km)</p> <p>Conducting field surveys like Reconnaissance Survey, Road Inventory, Bridge Inventory, Culvert Inventory and Pavement Condition Survey. Conducting and Analysis of Traffic Surveys like Continuous Volume Count, Intersection Survey, Origin - Destination Survey, Willingness-To-Pay Survey, Axle Load Survey, Speed and Delay Survey. Preparation of Cost Estimates, BOQ and Abstract Estimates for road items. Geometric design (horizontal and vertical alignment) using Mx Roads Software. Sampling of Borrow area and conducting BBD Test and analysis of the data. Preparation of draft project report and inception report.</p>

RESEARCH ASSISTANTSHIP:

S.No	Duration/Year	Project/Title	Agency
1	2024	Third Party Inspection (TPI) of Gross Polluting Industries (GPIs) in River Ganga and Yamuna Catchment	Central Pollution Control Board (CPCB) under National Mission for Clean Ganga, Ministry of Environment and Forest, Government of India
2	2022		
3	2021		
4	2022	Assessment of Water Pollution Load by industries operating from Redevelopment Area, Govt. of NCT of Delhi	Delhi Jal Board (DJB)
5	2019	Assessment of the Environmental degradation in selected villages like Nangloi, Ghewara, Mundka, Kamruddin Nagar and Tikri-Kalan area affected by plastic waste recycling and handling	Delhi Pollution Control Committee (DPCC)

PUBLICATIONS:

RESEARCH PAPERS

JOURNALS = 10 nos

S.No.	Paper Details	Indexed In/Year	Impact Factor
10.	Shahid Ikabal, Kafeel Ahmad, Mohd. Aamir Mazhar , Pervez Alam. "Batch Investigations on Cadmium Ion Adsorption Using Activated Carbon with a Focus on pH, Adsorbent Dosage, and Contact Time", <i>Pollution</i> , 10, 4, 2024, 1092-1102. https://doi.org/10.22059/poll.2024.373960.2286	ESCI Scopus 2024	1.1
9.	Mudassir Ali, Kafeel Ahmad, Mohd. Aamir Mazhar , "Comparative Assessment of Indoor and Outdoor Air Quality at Pre-Selected Locations of Jamia Nagar, New Delhi, India" <i>Indian Journal of Environmental Protection</i> , 44, 8, 2024, 742-750. https://www.e-ijep.co.in/44-8-742-750/	Scopus 2024	0.2
8.	Pervez Alam, Mohd. Aamir Mazhar , Kafeel Ahmad, "Validation of Road Traffic Noise Prediction Model (Stop and Go) for Road Traffic Conditions of Delhi, India." <i>Transportation in Developing Economies</i> , 10, 20, 2024. https://doi.org/10.1007/s40890-024-00208-y	ESCI 2024	1.7
7.	Mohd. Aamir Mazhar , Sirajuddin Ahmed, Geeta Singh, Azhar Husain, Rahisuddin. "Trihalomethanes Monitoring and their Seasonal Variation in Urban Municipal Water Supply System in North India." <i>International Journal of Environmental Science and Technology</i> , 2024 https://doi.org/10.1007/s13762-024-05702-9	SCIE Scopus 2024	3.1
6.	Mohd. Aamir Mazhar , Pervez Alam, Sirajuddin Ahmed, Sharib Khan, Farhan Ali Adam. "Sustainable Usage of Demolished Concrete Waste as a Sub-base Material in Road Pavement." <i>Frontiers in Sustainability</i> , 4, 1, 2023 https://doi.org/10.3389/frsus.2023.1060878	ESCI Scopus 2023	3.3
5.	Pervez Alam, Mohd. Aamir Mazhar , Kafeel Ahmed, Zishan Aslam, S.S. Afsar, Atif Hussain. "Comparative Assessment of Road Traffic Noise through 2D Noise Mapping: A Case Study of an Urban Area." <i>Frontiers in Sustainability</i> , 156, 2022. https://doi.org/10.3389/frsus.2022.1069445	ESCI Scopus 2022	3.3
4.	Mohd. Aamir Mazhar , Sirajuddin Ahmed, Azhar Husain, Rahisuddin. "Monitoring of Trihalomethanes and its Cancer Risk Assessment in Drinking Water of Delhi City, India." <i>Pollution</i> , 8, 3, 2022, 830-843. https://doi.org/10.22059/POLL.2022.334618.1267	ESCI Scopus 2022	1.55
3.	Mohd. Aamir Mazhar , Nadeem A. Khan, Afzal Husain Khan, Sirajuddin Ahmed, Asif Ali Siddiqui, Azhar Husain, Rahisuddin et al.	SCIE Scopus	11.072

S.No.	Paper Details	Indexed In/Year	Impact Factor
	“Upgrading combined anaerobic-aerobic UASB-FPU to UASB-DHS system: Cost comparison and performance perspective for developing countries.” <i>Journal of Cleaner Production</i> , 284, 124723, 2021, https://doi.org/10.1016/j.jclepro.2020.124723	2021	
2.	N.A. Khan, G.R. Sinha, S. Ahmed, A. Feshchenko, F. Changani, A. Qureshi, M.A. Mazhar , I. Neklonskyi “Collection of hospital wastewater data using deduplication approaches” <i>Archives of Materials Science and Engineering</i> , 104, 1, 2020, 5-18 http://dx.doi.org/10.5604/01.3001.0014.3864	Scopus 2020	1.1
1.	Mohd. Aamir Mazhar , Nadeem A. Khan, Sirajuddin Ahmed, Afzal Husain Khan, Azhar Hussain, Fazlollah Changani, Mahmood Yousefi, Shahin Ahmadi, Viola Vambol. “Chlorination disinfection by-products in Municipal drinking water - A review.” <i>Journal of Cleaner Production</i> (2020): 123159. https://doi.org/10.1016/j.jclepro.2020.123159	SCIE Scopus 2020	11.072

CONFERENCE PROCEEDINGS (INTERNATIONAL/NATIONAL) = 07 nos

S.No.	Paper Details	Name of Conference	Year
7.	Asma Heyat, Kafeel Ahmad, Mohd. Aamir Mazhar . “Comparative assessment of indoor and outdoor air quality in the close vicinity of canteens”	International Conference on Science and Technology for Sustainable Future (ICSTSF-2024), Acharya Institute of Technology, Bangaluru, India	29-31 th May 2024
6.	Mohd. Aamir Mazhar , Sirajuddin Ahmed, Azhar Hussain, Rahisuddin. “Trends in Organic Contamination in River Yamuna: A case study of Delhi stretch” AIP Publishing (Scopus) https://doi.org/10.1063/5.0153925	2nd International Conference on Futuristic and Sustainable Aspects in Engineering and Technology (FSAET-2021), GLA University, Mathura, India	24-26 th December 2021
5.	Sonal Saluja, Sadiqa Abbas, Mohd. Aamir Mazhar , Pervez Alam. “A Study on the Usage of Stone Dust for Stabilization of Yamuna Sand: A Case study of Yamuna River”	International Conference on Structures, Material and Construction (ICSMC-2021), Jaypee University of Information Technology, Wanknaghat, Himachal Pradesh, India	12-13 th November 2021
4.	Mohd. Aamir Mazhar , Pervez Alam, Mohammad Kamran, Afzal Husain Khan, Nadeem A. Khan, and Sirajuddin Ahmed. “An experimental investigation of thermocol impregnated ferrocement panel as an alternate building material.” Materials Today: Proceedings, Elsevier (Scopus: IF-1.46)	International Conference on "Emerging Trends in Materials Science, Technology and Engineering (ICMSTE2K21)" Syed Ammal Engineering College, Ramanathapuram, Tamilnadu, India	04-06 th March 2021

3.	Pervez Alam, Mohd. Aamir Mazhar , Afzal Husain Khan, Nadeem A. Khan. “Seasonal Characterization of Municipal Solid Waste in the city of Jammu, India” IOP Publishing (Scopus: IF-0.48) https://iopscience.iop.org/article/10.1088/1757-899X/1058/1/012061	2nd Conference on Science and Technology for early career researchers and postgraduate students (STEPS 2020), Tikrit University, Erbil, Iraq	20–22 nd December 2020
2.	Mohd. Aamir Mazhar , Sirajuddin Ahmed, Azhar Hussain, Rahisuddin, “Long Term Health Implication of Chlorine as Disinfectant in Organic Contaminated Potable Water Source”	JTA Multidisciplinary International Conference-2020, Jamia Millia Islamia, New Delhi, India	16-18 th February 2020
1.	Mohd. Aamir Mazhar , Sirajuddin Ahmed, Azhar Husain, Rahisuddin “Performance study of sewage treatment by two step anaerobic and natural aerobic: An integrated sustainable sewage treatment system for smart cities”	International Conference on Smart Cities–Opportunities & Challenges, Jamia Millia Islamia, New Delhi, India	14-16 th March 2019

BOOK CHAPTERS = 05 nos

S.No.	Chapter Details	Name of Book	Publisher /Year
5.	Pervez Alam, Shahid Ul Islam, Darakhshan Naaz, Yawar Raina, Mohd Aamir Mazhar , Afzal Husain Khan. “Overview of Wastewater Treatment, Recycling, and Reuse” https://doi.org/10.1201/9781003454199	Innovative and Hybrid Technologies for Wastewater Treatment and Recycling	Taylor & Francis 2024
4.	Mohd Aamir Mazhar , Pervez Alam, Sirajuddin Ahmed, Kafeel Ahmad. “Treatment Techniques Used for the Removal of Pollutants in Hospital Wastewater” https://doi.org/10.1201/9781003454199	Innovative and Hybrid Technologies for Wastewater Treatment and Recycling	Taylor & Francis 2024
3.	Mohd. Aamir Mazhar , Pervez Alam, Mohammad Kamran, Sirajuddin Ahmad and Shahzada Junaid. “Strength behavior of ferrocement panel under the two-point loading system: a case study” https://shop.elsevier.com/books/recent-developments-and-innovations-in-the-sustainable-production-of-concrete/khan/978-0-443-23895-6	Recent Developments and Innovations in the Sustainable Production of Concrete	Elsevier 2024
2.	Mazhar, M.A. , Madhav, S., Ahmed, S., Kumar, P., Springer, C. “Drinking Water Chlorination and Disinfection by-Products: Formation, History, and Regulations” https://doi.org/10.1007/978-3-031-49047-7_2	Drinking Water Disinfection By-products	Springer, Cham 2024
1.	Shah, M., Mazhar, M.A. , Ahmed, S., Lew,	Drinking Water Disinfection	Springer,

	B., Khalil, N. “Recent Trends in Controlling the Disinfection By-Products Before their Formation in Drinking Water: A Review” https://doi.org/10.1007/978-3-031-49047-7_9	By-products	Cham 2024
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BOOKS PUBLISHED = 01 nos

S.No.	Book Details	Editors	ISBN	Publisher/ Year
1.	Drinking Water Disinfection Byproducts: Sources, fate and remediation https://doi.org/10.1007/978-3-031-49047-7	Sughosh Madhav, Mohd. Aamir Mazhar , Sirajuddin Ahmed, Pramod Kumar, Pradeep Kumar Mishra	9783031490460	Springer, Cham 2024

PATENTS = 01 nos

1. **Plastic Recycling Device**, Indian Patent, Application Number: 202311007948, Publication Date: 10.02.2023 (*Published*)

POSTER PRESENTATION

1. Poster titled “**Performance Study of Sewage Treatment by Two Step Anaerobic and Natural Aerobic: An Integrated Sustainable Sewage Treatment System for Smart Cities**” presented at “International Conference on Smart Cities–Opportunities & Challenges” Jamia Millia Islamia, New Delhi, 14-16th March 2019.

TRAINING AND TUTORIALS

- Two weeks Online Training Program on 'Introduction to Python Programming & Applications in Water Resources Sector' organized by National Water Academy, Pune from 26th August to 06th September, 2024.
- One week Online Short-Term Course on “Recent advances in Civil and Environmental Engineering” organized by National Institute Of Technology, Delhi in Collaboration with Dr B R Ambedkar National Institute Of Technology, Jalandhar from 24th to 28th June, 2024.
- Two days Online sessions of plenary and Keynote lecture of International Conference on Geo-Disasters and Construction Engineering (ICGCE 2024) organized by KMC, Waterloo, Ontario, Canada from 07th to 08th June, 2024.
- Two weeks FDP on “NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC)” organized by MMTTC, Jamia Millia Islamia, New Delhi from 19th April to 30th April 2024.
- One-week FDP on “Advancing Excellence in Teaching & Research Methodology” organised by Rattan Institute of Technology and Management, Saveli, Palwal, during From 12 February 2024 to 17 February 2024.
- Five days FDP on “Modern Trends in Civil Engineering”, organised by the Department of Civil Engineering, Sharda University, during January 15 to January 19, 2024.

- International web conference series “Trends in Nanotechnology-III” organized by Interdisciplinary Nanotechnology Centre, Zakir Husain College of Engineering and Technology, Aligarh Muslim University, Aligarh on May 13, 2023.
- Two Weeks training session on “ETP & STP Training and Knowledge Sharing” organized by Engr. Fahim Shahriar Sakib during August 22 to September 5, 2022.
- One Week Online Scientific Social Responsibility (SSR) scheme, Science Engineering Research Board (SERB) sponsored FDP on “Sustainable Environment and Climate Change (SECC-2022)” organized by Department of Applied Sciences, National Institute of Technology Delhi during June 14 to June 19, 2022.
- One Week Online AICTE-QIP Sponsored Short Term Course on “Issues and Challenges of Grid Connected Renewable Energy Sources (ICGRE-22)” organized by Department of Electrical Engineering, Jamia Millia Islamia, New Delhi on 21 to 25th February 2022.
- Program on “Certified Block Chain Professional” organized by Faculty of Management Studies, MRIIRS, Faridabad on 17th March 2018.
- Workshop on “Safety and Health in MSME Sector Issues and Challenges” organized by Regional Labour Institute, Faridabad on 23rd February 2017.
- “International Workshop on Inclusive Cities” organized by Department of Architecture, Jamia Millia Islamia on 19-20th December 2016.
- National Workshop on “Green Building in India: Present Practices and Future Prospect” organized by Department of Civil Engineering, Jamia Millia Islamia on 27th August 2015.
- Program on “Writing High Impact Research Papers and Proposals” organized by Internal Quality Assurance Cell, MRIIRS, Faridabad on 16th May 2015.
- Five Days International Workshop from October 13th to October 17th, 2008, on “Analysis of Historical Monuments” organized by **Fachhochschule Erfurt University of Applied Sciences, Erfurt, Germany.**
- Five Days Lesson from October 13th to October 17th, 2008, on “Diagnostics of Buildings” organized by **Fachhochschule Erfurt University of Applied Sciences, Erfurt, Germany.**
- Four weeks **Summer Training** from June 2nd to July 2nd, 2008, with **Synergy Property Development Services Pvt. Limited**, New Delhi.
- One week **Survey Camp** from December 12th to December 18th, 2007, organized by Department of Civil Engineering, Jamia Millia Islamia, New Delhi.

INTERNATIONAL/NATIONAL CONFERENCES/WORKSHOP ORGANISED

- **Organizing Member of 3 days International conference** on “Smart Cities: Opportunities and Challenges” 14-16th March 2019 at Jamia Millia Islamia, New Delhi.
- **Organizing Member of 5 days Workshop** on “Challenges & Advancements in Transport Planning in the Era of Urbanization” 28-2nd November 2018 at Manav Rachna International Institute of Research and Studies.
- **Faculty Coordinator of One Day Workshop** on “Recent Advancements in Construction Quality and Management” 27th August 2015 at Manav Rachna International Institute of Research and Studies.
- **Organizing Member of One Day Workshop** on “Climate Change: Issues and Challenges” 2nd April 2015 at Manav Rachna International Institute of Research and Studies.
- **Organizing Member of One Day Workshop** on “Natural Disaster (Earthquake and Cyclone) and their Mitigation” 12th May 2012 at ZHCET, Aligarh Muslim University.

- **Organizing Member of One Day Workshop** on “Earthquake Related Disasters” 26th April 2012 at ZHCET, Aligarh Muslim University.
- **Organizing Member of 3 Days Short Term Training Program** on “Technological and Software in the Field of Civil Engineering” 28-30th March 2012 at ZHCET, Aligarh Muslim University.

AWARDS AND ACHIEVEMENTS

- **Best Paper Award** at “JTA Multidisciplinary International Conference-2020” at Jamia Millia Islamia.
- **Presented B.Tech Final Year Project** at **Fachhochschule Erfurt University of Applied Sciences, Erfurt, Germany** under DAAD-Education Exchange Program for 2 weeks from October 9th to October 21st, 2008.
- **Won Second Prize** in Quiz-2008 on “Earthquake Disaster Mitigation” organized by Indian Society of Earthquake Technology (Delhi Chapter).
- **Won Third Prize** in Bridge Modeling Competition at “ALGORITHM-07” organized by Computer Society of India.

EXTRA-CURRICULAR ACTIVITIES

- **Volunteered** “JTA Multidisciplinary International Conference” (16th to 18th February 2020) at Jamia Millia Islamia.
- **Presiding Officer** at Haryana Lok Sabha Election-2019.
- **Presiding Officer** at Haryana Municipal Corporation Election-2017.
- **Presiding Officer** at Haryana Assembly (Vidhan Sabha) Election-2014

COMPUTER KNOWLEDGE

Operating Systems : Windows 98/Mc/XP/Vista, DOS

Civil Engineering Software : AUTOCAD, STAADPRO

Utilities : MS Office

INTERPERSONAL SKILLS

- Quick Learner
- Punctual
- Honest and Dedicated
- Positive Attitude

DECLARATION

I hereby declare that all the information provided herewith is true and to the best of my knowledge.

(Mohd. Aamir Mazhar)