

Curriculum Vitae – Professional

Name Dr. Pervez Alam
Designation Coordinator of Dept. of Civil Engg. (Sr. Assistant Professor)
Office- Department of Civil Engineering Collage of Engineering &
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E-mail: pervezjmi@gmail.com, pervez@bgsbu.ac.in
Google <https://scholar.google.com/citations?user=6zkHjdsAAAAJ&h>
Scholar ID: [=en](https://scholar.google.com/citations?user=6zkHjdsAAAAJ&h)
Orchid ID <https://orcid.org/0000-0001-6349-3728>
Publications **Total: 32, Highest Impact Factor: 8.91**



Pervez Alam is presently, Assistant Professor, Coordinator of the Department of Civil Engineering and Chief Proctor of Baba Ghulam Shah Badshah University, Rajouri, J & K, India. He is life member of Institution of Engineers, India and Acoustic Society of India. He is graduated in Civil Engineering from Jamia Millia Islamia, New Delhi and post graduated in Environmental Engineering from Aligarh Muslim University, Aligarh. He obtained his Ph.D. (Environmental Engineering) degree from Jamia Millia Islamia, New Delhi. Dr. Alam has 12 years research and teaching experience. He has published more than 35 papers and 3 patents in national/international journals and conferences. He has **more than 800 citations** of his research work with **H-index 12 and I10 index-13**. Dr. Alam is Casual Reviewer of more than 10 reputed international journals of environmental science and engineering and **editor of 3 Journals including “Frontier in Materials” IF-3.9 and “Plos One” IF-3.7**. He has provided consultancies in different areas of environmental engineering, such as noise modeling and mapping, EIA, Design of STPs/ETPs etc.

PUBLICATION

Total	37
As a First Author	21

Cumulative Impact Factor	49.86
Average Impact Factor (Best Four)	7.33
Citations	858
h- Index	11
i10- index	13

Most Significant Publications (Best 5)

Journal of Environmental Management (2023)	Impact Factor: 8.91
Chemosphere (2022)	Impact Factor: 8.94
Construction and Building Materials (2022)	Impact Factor: 7.69
Journal of the Taiwan Institute of Chemical Engineers (2024)	Impact Factor: 5.70
Scientific Report (2024)	Impact Factor: 4.60

Patents

Total	03
Patent Office	Government of India

ACADEMIC

Degree/Exam	Specialization	University	Year	Remark
Ph.D	Environmental Engineering	Jamia Millia Islamia		2020
Masters of Engineering	Civil Engineering	Aligarh Muslim University	2011	73.17%
Bachelor of Engineering	Civil Engineering	Jamia Millia Islamia	2009	8.16/10

ORIENTATION/REFRESHER COURSE ATTENDED

S. NO	Title	Organization	Duration
2.	107 Orientation Program	Academic Staff College, Jamia Millia Islamia, New Delhi, India	13 Jan – 11 Feb 2014
1.	Refresher course on Material Sciences	HRDC, University of Hyderabad, India	4 August – 25 August, 2017

Invited Talks/ Lectures

- Sustainable Development: A key for socio- economic development of Nation**, one day seminar on sustainable development (April, 2016), organized by Romeo Force, Degree collage Rajouri, J & K, India.

2. Importance of Discipline in University campus, Delivered in Induction program of University Polytechnic BGSB University, Rajouri, J & K, 12-16 September, 2022.
3. Deliver talk on “Analysis and Evaluation of Traffic Noise in different zones of Delhi, India” in 4th International Conference on 4th Feb. 2020 at Jaipur National University, Jaipur, Indian.
4. Deliver an online talk on “Importance of Discipline and rules followed at BGSBU” on 17th September, 2021 at Department of IT BGSBU.

PROFESSIONAL EXPERIENCE

Teaching Experience

11.0 years, including 01 year of Post Graduate Level

August 2017 to Till Date

Sr. Assistant professor and Head of Department of Civil Engineering, BGSB University, Rajouri, J & K. Actively involved in the administrative and research activities of the Department as well as University.

August 2012 to August 2017

Assistant professor BGSB University, Rajouri, J & K. Actively involved in the administrative and research activities of the Department as well as University.

May 2012 to July 2012

Assistant professor Department of Civil Engineering, University polytechnic, Maulana Azad National University Bangalore.

RESEARCH GUIDED

S.No	Thesis/Dissertation/Projects	Completed	Ongoing
1.	B-Tech	20	02
2.	PhD	-	02

Under Graduate Project Guided

S.No	Title	Year	Student
5.	Study on noise monitoring and mapping of city Jammu	2020	Samreen Kausar

4.	Study on Partial Replacement of fine aggregate by Rice husk and Glass Powder	2021	Taufeeq Bhat, Rizwan, Younus, Junaid, Beg
3.	Design of solid waste management system of Rajouri City	2021	Tasneem Zargar, Rumani Gupta
2.	Study on Road Traffic Noise mapping under variable road conditions	2023	Dilawar, Junaid, Lubna, Shahzareen
1.	Study on Characteristics of Cement Concrete with replacement of recycled Plastic	2023	Anees Malik, Toheed, Waqar

PhD Guided/Ongoing

S.No	Title	Year	Student
2.	Treatment of Phenolic wastewater using MBBR	2020	Mr. Zishan Aslam
1.	Assessment of Environmental Contamination by Solid Waste and its impact on surface and subsurface water	2021	Ms. Amreen Bhat

CONFERENCES & WORKSHOPS ORGANIZED

1. Organize a one day workshop on waste water treatment and noise control in metros, 12 October 2012.
2. Organize 15 days “JAL SHAKTI ABHIYAN” as nodal officer from 1st September 2019 to 15th September 2021.
3. Two days’ Workshop on “Structure Analysis Capabilities of StaadPro” 11th and 12th February 2022.
4. One day webinar on “Industry Academia Interaction” 15th February, 2022.

PATENTS

1. Plastic Recycling Device (Indian Patent: 2023)
2. Solar Energy Water Desalination Device (2023)
3. IOT Enabled Portale Noise Pollution Measurement Machine (2024)

PUBLICATIONS

National Journal

1. Pervez Alam, **Assessment of air and water environment for Environmental impact assessment of kachnoda dam project Disst. Lalit pure UP**, Indian Journal of Air pollution and control, 2011, 0250-5231.

International Journal

1. Amreen Farooq, Pervez Alam, Rather, Nasir Ah. Rather and shahid UI Islam, **Characterization and analysis of municipal solid waste generated in the semi-urban**

region of Thanamandi, Jammu and Kashmir (J&K), India: a basis for developing a suitable waste management approach. *Environ Sci Pollut Res* (2024), <https://doi.org/10.1007/s11356-024-35655-y> [5.4]

2. Shahid Ikabal, Kafeel Ahmad, Mohd Mazhar, Pervez Alam, **Batch Investigations on Cadmium Ion Adsorption Using Activated Carbon with a Focus on pH, Adsorbent Dosage, and Contact Time**, *Pollution*, (2024) 10, 4, 1092-1102 [10.22059/poll.2024.373960.2286](https://doi.org/10.22059/poll.2024.373960.2286) [Impact Factor: 1.1]
3. **Pervez Alam**, Mohd Aamir Mazhar, Kafeel Ahmad. **Validation of Road Traffic Noise Prediction Model (Stop and Go) for Road Traffic Conditions of Delhi, India**, *Transportation in Developing Economies*, 10, 20 (2024). <https://doi.org/10.1007/s40890-024-00208-y> [Impact Factor: 1.5]
4. Zishan Aslam, **Pervez Alam**, Raisul Islam, Afzal Husain Khan, Hasara Samaraweera, Athar Hussain, Tasneem Imtiyaz Zargar. **Recent developments in moving bed biofilm reactor (MBBR) for the treatment of phenolic wastewater -A review**, *Journal of the Taiwan Institute of Chemical Engineers*, (2024) <https://doi.org/10.1016/j.jtice.2024.105517> [Impact Factor: 5.7]
5. **Pervez Alam**, Khan, A.H., Islam, R. et al. **Identification of prevalent leachate percolation of municipal solid waste landfill: a case study in India**. *Scientific Report*, 14, 8910 (2024). <https://doi.org/10.1038/s41598-024-58693-5> [Impact Factor: 4.6]
6. Zargar, Tasneem Imtiyaz, **Pervez Alam**, Afzal Husain Khan, Shah Saud Alam, Ahmed Abutaleb, Mohd Abul Hasan, and Nadeem A. Khan. **"Characterization of municipal solid waste: Measures towards management strategies using statistical analysis."** *Journal of Environmental Management* 342 (2023): 118331 <https://doi.org/10.1016/j.jenvman.2023.118331> [Impact Factor: 8.91]
7. Sharib Khan, Mohd. Aamir Mazhar, Pervez Alam, Farhan Ali Adam and Sirajuddin Ahmed, **Sustainable Usage of Demolished Concrete Waste as a Sub-base Material in Road Pavement**, *Frontiers in Sustainability*, 2023. <https://doi.org/10.3389/frsus.2023.1060878>
8. Alam, Pervez, Amir Mazhar, Kafeel Ahmed, and Zishan Aslam. **"Comparative Assessment of Road Traffic Noise through 2D Noise Mapping: A Case Study of an Urban Area."** *Frontiers in Sustainability*, 2022, 156. <https://doi.org/10.3389/frsus.2022.1069445>
9. Afzal Husain Khan, Mufeed Sharholy, Pervez Alam, Abdullah I.Al-Mansour, Kafeel Ahmad, Mohab Amin Kamal, Shamshad Alam, Md. Nahid Pervez, Vincenzo Nadeo; **Evaluation of**

cost benefit analysis of municipal solid waste management systems, Journal of King Saud University-Science, 2022 Volume 34, Issue 4, 101997. <https://doi.org/10.1016/j.jksus.2022.101997>. [Impact Factor: 3.829]

10. Pervez Alam, Mufeed Sharholy, Afzal Husain Khand, Kafeel Ahmad, Thamer Alomayrif, Neyara Radwagh, Abdul Azizi, **Energy generation and revenue potential from municipal solid waste using system dynamic approach**; Chemosphere, 2022, Volume 299, 134351. <https://doi.org/10.1016/j.chemosphere.2022.134351>. [Impact Factor: 8.943]
11. Sagar Paruthi, Asif Husain, Pervez Alam, Afzal Husain Khan, Mohd Abul Hasan, Hassan M Magbool, **A review on material mix proportion and strength influence parameters of geopolymer concrete: Application of ANN model for GPC strength prediction**, Construction and Building Materials, 2022, Volume 356, 129253, <https://doi.org/10.1016/j.conbuildmat.2022.129253>. [Impact Factor: 7.693]
12. Pervez Alam, Kafeel Ahmad, Afzal Husain Khan, Nadeem A. Khan, Mohammad Hadi Dehghani; **2D and 3D mapping of traffic induced noise near major roads passing through densely populated residential area of South Delhi, India**; PlosOne, 2021, 16(3), pp 1-12. <https://doi.org/10.1371/journal.pone.0248939>. [Impact Factor: 3.752]
13. Pervez Alam, Kafeel Ahmad, S. S. Afsar and Nasim Akhtar; **3D noise mapping for pre-selected locations of urban area with and without noise barriers: A case study of Delhi, India**, Noise Mapping, 2020, Vol.7, No.1, pp. 74-8 <https://doi.org/10.1515/noise-2020-0006>
14. Pervez Alam, Kafeel Ahmad, S. S. Afsar and Nasim Akhtar, **Noise Monitoring, Mapping, and Modelling Studies–A Review**, Journal of Ecological Engineering, 2020, Vol.21, No-4, pp 83-94. DOI: <https://doi.org/10.12911/22998993/119804>
15. Pervez Alam, Kafeel Ahmad, S. S. Afsar and Nasim Akhtar; **Temporal and spatial fluctuation of Noise Levels in the Closed Vicinity of Urban Roadways**, International Journal of Recent Technology and Engineering, 2019, Vol-8, pp 5983-5991. <https://doi.org/10.35940/ijrte.C5914.098319>
16. Yawar Mushtaq Raina, Pervez Alam, Mohd Iqbal Raina; **Study of the characteristics of leachate and its influence on groundwater quality near improper landfill site in Jammu City, India**; International Journal of Environment and Waste Management; 2019, Vol.23, pp 195-211. <https://doi.org/10.1504/IJEW.2019.097616>. [Impact Factor: 0.6]

17. Pervez Alam, Kafeel Ahmad, S. S. Afsar and Nasim Akhtar; **Effects of Urban Morphology on The Traffic Induced Noise Distribution Through 2d Noise Mapping: A Case Study of Okhla Industrial Area, New Delhi, India**, International Journal of Technical Innovation in Modern Engineering & Science, 2019, Vol.5, pp 1-8.
18. Naseem Akhter, Kafeel Ahmad, Pervez Alam, **Noise Monitoring and Mapping for Some Pre- selected Locations of New Delhi, India**, Fluctuation and Noise Letters, 2016, Vol. 15, No. 2, pp.1-12. <https://doi.org/10.1142/S021947751650019X>. [Impact Factor: 1.652]
19. Pervez Alam, Kafeel Ahmed, Shakeel Afsar, Naseem Akhter Yawar Mushtaq Raina, **Study of vibration on different types of flyover in Delhi, India**, Int. J. of Structural Engineering, 2015 Vol.6, No.4, pp.318 – 331. <http://10.1504/IJSTRUCTE.2015.072469> . [Impact Factor: 1.30]
20. Pervez Alam, Naseem Akhter, **Reflection and Absorption of Sound on Rigid Pavement Samples in Different Environmental Condition**, International Journal of Engineering Research & Technology (IJERT), Vol. 3 Issue 1, January – 2014, ISSN: 2278-0181. [DOI : 10.17577/IJERTV3IS10132](http://dx.doi.org/10.17577/IJERTV3IS10132).
21. Anwar Ali Khan, H. G. Loan and Pervez Alam, **Study and Assessment of Road Traffic Noise at Some Selected Locations of New Delhi India**, IJIRST,2017, Vol-3, No,10, pp. 82-91.
22. Syed Shakeel Afsar, Sanjeev Kumar, Pervez Alam, **Characterization of Leachate at Various Landfill Site of Delhi, India**, International journal of advance technology in engineering and science, 2015, Vol.3, pp. 552-558.
23. Pervez Alam, Mehtab Alam, **Bioreactor landfills: New trends in landfill design**, Int. Journal of Applied Sciences and Engineering Research, Vol. 3, Issue 1, 2014, ISSN 2277 – 9442.
24. Pervez Alam & Yawar Mustaque Raina, **Wastewater treatment and management in rural areas - a case study of Rajouri District, Jammu and Kashmir, India**, International Journal of Development Research Vol. 4, Issue, 11, pp. 2266-2269, November, 2014, ISSN: 2230-9926
25. Pervez Alam & Kafeel Ahmade, **Impact of Solid Waste on Health and the Environment**, Special Issue of International Journal of Sustainable Development and Green Economics (IJS DGE), ISSN No: 2315-4721, V-2, I-1, 2013

National Conference

1. Pervez Alam (*et.al*) **Rain Water harvesting:- A Solution for scarcity of water in district Rajouri, J & K**, National conference of water resources management- achievements and challenges, March 22, 2014, department of Civil Engineering, Jamia Millia Islamia

International Conference

1. Pervez Alam & Kafeel Ahmade, **Impact of Solid Waste on Health and the Environment**, International conference in sustainable technologies, Department of Applied sciences, Jamia Millia Islamia.
2. Pervez Alam, Mufed sarholi and Kafeel Ahmad, **A Study of Landfill Leachate and its impact on ground water quality of Gazipur area, New Delhi, India**, RECYCLE-2018, 22-24 Feb, 2018, IIT Guwahati.

Books

1. Pervez Alam, Afzal Husain Khan, Juliana Heloisa and Kafeel Ahmad, **Innovative and Hybrid Technologies for Wastewater Treatment and Recycling**; Taylor and Francies, 2024.

Book Chapters

1. Mohd. Amir Mazhar, Pervez Alam, Sirajuddin Ahmed and Kafeel Ahmed; **Treatment Technique used for removal of pollutants in Hospital Wastewater**; Innovative and Hybrid Technologies for Wastewater Treatment and Recycling, CRC Press, 2024, pp 178-195.
2. Pervez Alam, Shahid Ul Islam, Darakhshan Naaz, Yawar Raina, Mohd Aamir Mazhar, Afzal Husain Khan; **Overview of Wastewater Treatment, Recycling, and Reuse**; Innovative and Hybrid Technologies for Wastewater Treatment and Recycling, CRC Press, 2024, pp 1-12.
3. Afzal Husain Khan and Pervez Alam Shahzada Junaid; **Cement replacement using pozzolanic materials: a sustainable approach**; Recent Developments and Innovations in the Sustainable Production of Concrete; Elsevier, 2024, pp. 185-207.
4. Sirajuddin Ahmad and Shahzada Junaid Mohd. Aamir Mazhar, Pervez Alam, Mohammad Kamran; **Strength behavior of ferrocement panel under the two-point loading system: a case study**; Recent Developments and Innovations in the Sustainable Production of Concrete; Elsevier, 2024, pp-533-546.
5. Areeha Mahmood and Pervez Alam; **Ultra high-performance concrete: a new additive material in construction industry**; Recent Developments and Innovations in the Sustainable

Production of Concrete; Elsevier, 2024, pp-149-163.

6. M. A. Hannan Khan and Shoeb Ahmad Mohammad Vikas Ashraf, Shabir Ahmad Rather, Pervez Alam; **Recent advances in microbiology in producing self-healing concrete**; Recent Developments and Innovations in the Sustainable Production of Concrete; Elsevier, 2024, pp-63-83.
7. Pervez Alam, Mufeed Sharholly, Kafeel Ahmad; **A study on the landfill leachate and its impact on groundwater quality of Ghazipur area, New Delhi, India**; Recent Developments in Waste Management (Springer), 2020, pp. 345-358. https://doi.org/10.1007/978-981-15-0990-2_27
8. Pervez Alam, Kafeel Ahmad, SS Afsar, Nasim Akhtar; **Validation of Road Traffic Noise Prediction Model CoRTN for Indian Road and Traffic Conditions**; Springer Nature, 2020, Vol. 86, pp 193-202.
9. Pervez Alam, Kafeel Ahmad, SS Afsar, Nasim Akhtar; **Validation of the Road Traffic Noise Prediction Model RLS-90 in an Urban Area**; 2020, IEEE Explorer, pp 1-6.
10. Pervez Alam, Kafeel Ahmad, SS Afsar, Nasim Akhtar; **Analysis and Evaluation of Traffic Noise in Different Zones of Delhi, India**, SRN, Elsevier, 2020, pp 1-6.

Research Projects

Title of Research Project	Funding Agency	Date of Sanction	Grant/Amount Mobilized (Rs. Lakhs)	PI and Co-PI
Analysis of Solid Waste Management Systems and Impact of Non-Engineered Landfill Leachate on Ground Water quality of City Jammu, India	JKSTIC	2024	7.8	PI: Dr. Pervez Alam Co PI: Mr. Zishan Aslam
Investigating the quality of supplied drinking water in Rajouri city as probed by the source and degree of various water resources of the district	World bank and MHRD	06/01/2020	03	PI: Dr. Pervez Alam CO-PI: Prof. Kafeel Ahmad
Characterisation of contaminants in the water resources used by people of District Rajouri and categorisation of these water resources on the basis of pollution level.	World bank and MHRD	06/01/2020	03	CO. PI: Dr. Pervez Alam PI: Mr. Zishan aslam

JOURNAL AND CONFERENCE REFEREE

1. Academic Editor Plos One Journal, <https://journals.plos.org/plosone/static/editorial->

- [board?ae_name=Pervez+Alam](#)
2. Peer Reviewer of Springer Journal Waste and Biomass Valorization. <https://www.springer.com/journal/12649>.
 3. Peer Reviewer of MDPI Journal “Sustainability”. <https://www.mdpi.com/journal/sustainability>
 4. Peer Reviewer of Frontier Journal “Frontier in Environmental Science”. <https://www.frontiersin.org/journals/environmental-science>
 5. Editorial Board Member and Peer Reviewer of Journal “Frontier in Environmental Chemistry”. <https://www.frontiersin.org/journals/environmental-chemistry/sections/chemical-treatments>
 6. Editor “Frontier in Materials” SCI, 3.4 Impact Factor, Research Topic “Supplementary Cementitious Materials: Recent Developments, Performance Insights and Potential Applicability” https://www.frontiersin.org/research-topics/59647/supplementary-cementitious-materials-recent-developments-performance-insights-and-potentialapplicability?utm_source=FRTM&utm_medium=TED1&utm_campaign=PRD_TED1_T1_RT-TITLE .

PARTICIPATION IN WORKSHOP/CONFERENCE/SEMINAR/SYMPOSIUM

1. Participated in Ten Days workshop on "Information Literacy and Plagiarism" at Baba Ghulam Shah Badshah University, Rajouri, J & K on 19-20th December, 2016.
2. Participated in Two Days workshop on "International Workshop on Inclusive Cities" at Jamia Millia Islamia on 19-20th December, 2016.
3. Participated in One Day workshop on "Recent Advances in Earthquake Engineering" at Jamia Millia Islamia on 18th March, 2017.
4. Participated in two days National Seminar on “Seismic Hazard and Mitigation of structure” at department of Civil Engineering, JMI, 20th to 21st November 2017.
5. Participated in two days International Seminar on “Water Pollution and Health” at Department of Civil Engineering, JMI, 27-28 July, 2017.
6. Participated in One Day International workshop on “Yamuna Water Quality and its Impact on Human Health” at Department of Civil Engineering, JMI, 6th April, 2017.
7. Participated in MHRD-TEQIP-KITE Five days Summer Training Program on “Active Learning Workshop” 4 th June to 8th June, 2018.
8. Participated in “Third National Workshop on Reliability and Structural Safety” at Z. H. College of Engineering and Technology, AMU, Aligarh. 22nd September, 2018.

COURSE ATTENDED GIAN/SWAYAM/MOOCs ETC.

1. Participated and completed 5 days NITTR course on “Tools for Scientific Research in

Engineering and Science through ICT” at Jamia Millia Islamia from 12nd to 16th November, 2018.

2. Participated and completed 5 days NITTR course on “MATLAB and LABVIEW with its Hardware Interface through ICT” at Jamia Millia Islamia from 12nd to 16th November, 2018.
3. Participated and completed 5 days GIAN course on “Nutrient Removal in Waste Water: Recover and Reuse” at Jamia Millia Islamia from 2nd to 6th June, 2018.
4. Participated and completed 5 days ATAL course on “Redemption from plastic pollution: Indian Railways” at National Railway and Transportation Institute from 5nd to 9th July, 2021.
5. Participated and completed 5 days ATAL course on “Plastic Recycling and Waste Management” at CIPET from 14th to 18th June, 2021.

MEMBER OF NATIONAL/ PROFESSIONAL BODY

1. Life member of Acoustical Society of India.
2. Life member of Institutions of Engineer.

OTHER RESPONSIBILITIES/CONTRIBUTIONS/CORPORATE LIFE

1. Chief Proctor BGSB University, Rajouri, J & K from 05th of April, 2021 till Date.
2. Coordinator, Department of Civil Engineering, BGSB University, Rajouri, J & K.
3. General Warden, Baba Ghulam Shah Badshah University, Rajouri, J & K, India.
4. Expert Building Department (Works), Baba Ghulam Shah Badshah University, Rajouri, j & K, India.
5. Member B-Tech syllabus revision committee, Department of Civil Engineering, BGSB University.
6. University SWAYAM coordinator, BGSB University, Rajouri, J & K.
7. Member Departmental Research committee, Department of Civil Engineering, BGSB University, Rajouri, J & K.
8. External member Departmental Research Committee, Department of Physics, BGSB University, Rajouri, J & K.