



Faculty Profile
Ram Lal Anand College, University of Delhi
Accredited by NAAC with A+ Grade
ISO 21001: 2018 and ISO 9001: 2015
NIRF 2025 AI Rank - 90



Title	Dr.	Name:	Mansi Vaid	
Department		Environmental Studies		
Designation		Assistant Professor		
Phone		+91-9711408864		
Email		mansivaid.evs@rla.du.ac.in		
Institutional Web page				
Google Scholar ID		https://scholar.google.com/citations?user=xroMCvYAAAAJ&hl=en		
Research Gate ID		https://www.researchgate.net/profile/Mansi-Vaid-2?ev=hdr_xprf		
ORCID ID		https://orcid.org/0000-0003-2310-3523		
Scopus ID		57224166874		
Researcher ID		GWC-1006-2022 (Web of Science)		
Vidwan ID		https://vidwan.inflibnet.ac.in/profile/733906		
Educational Qualifications				
Degree		Institution	Year	
Ph.D Environmental Sciences		Guru Gobind Singh Indraprastha University, Sector-16C, Dwarka, Delhi	2025	
M.Sc Environment Management		Guru Gobind Singh Indraprastha University, Sector-16C, Dwarka, Delhi	2017	

Permanent/ Temporary/ Contractual/ Adhoc Teaching Experience					
Designation	Institution	Duration	From	To	Nature
Assistant Professor	Ram Lal Anand College, University of Delhi	---	01.09.2026	Till Date	Permanent
Assistant Professor (Guest Basis-Regular)	Sri Venkateswara College, University of Delhi	20 Days	12.08.2026	01.09.2026	Contractual
Assistant Professor (Guest Basis-Regular)	Aryabhatta College, University of Delhi	2.5 Years	2024	2026	Contractual
Assistant Professor (Guest Basis-NCWEB)	Keshav Mahavidyalaya, University of Delhi	1 Year	2025	2026	Contractual
Assistant Professor (Guest Basis-NCWEB)	Aryabhatta College, University of Delhi	1 Year	2024	2025	Contractual
Industry Experience (If any)					
Designation	Company	Duration	From	To	
Research Experience					
Designation	Institution		From	To	
Administrative Assignments					

Areas of Interest / Specialisation
1. Water and Wastewater Management 2. Microplastic Pollution
Subjects Taught
Environmental Studies
Research Guidance (if any)
Research Projects (Major Grants/Research Collaboration)
Publications
1. S. Varshney, M. Vaid, & A. Gupta (2026). Magnetic nanoparticles: A sustainable solution to the problem of microplastics in aquatic systems. <i>Materials Science & Engineering B</i>, 329. (Elsevier, Impact Factor: 5.7, SCI Indexed, SCOPUS) 2. M. Vaid, S. Varshney, A. Gupta & K. Sarma (2026). Nanotechnology as a promising tool to address microplastic pollution in aquatic systems: Insights into the strategies and challenges. <i>Journal of Hazardous Materials: Plastics</i>, 100062. (Elsevier, Peer Reviewed) 3. M. Vaid, S. Tyagi, A. Gupta, & K. Sarma (2025). Multiscale analysis of statistical trends in water quality across land use gradients in the Najafgarh Drain, Delhi. <i>Environmental Monitoring and Assessment</i>, 197, 1206. (Springer, Impact Factor: 3.6, SCI Indexed, SCOPUS) 4. R. Krishna, M. Vaid, & M. Sinha (2025). Trend Analysis of global energy demand, renewable energy production and potential in India. <i>Asian Journal of Environment & Ecology</i>, 24(11), 25-38. 5. M. Vaid, K. Sarma, & A. Gupta (2024). Exploiting the potential of terrestrial and freshwater organisms for biomonitoring of microplastics: Challenges and prospects. <i>TrAC Trends in Analytical Chemistry</i>, 117854. (Elsevier, Impact Factor: 13.5, SCI Indexed, SCOPUS)

6. **M. Vaid**, K. Sarma, & A. Gupta (2024). Urban drainage channels as a pathway for microplastics in riverine systems: A case study of Delhi, India. *Water Science & Technology*, wst2024181. (IWA Publishing, Impact Factor: 2.8, SCI Indexed, SCOPUS)
7. **M. Vaid**, K. Mehra, K. Sarma, & A. Gupta (2022). Investigations on the co-occurrence of microplastics and other pollutants in the River Yamuna, Delhi. *Water Supply*, 22(12), 8767-8777. (IWA Publishing, Impact Factor: 1.9, SCI Indexed, SCOPUS)
8. **M. Vaid**, K. Sarma, P. Kala, & A. Gupta (2022). The plight of Najafgarh drain in NCT of Delhi, India: assessment of the sources, statistical water quality evaluation, and fate of water pollutants. *Environmental Science and Pollution Research*, 29(60), 90580-90600. (Springer, Impact Factor: 5.0, SCI Indexed, SCOPUS)
9. **M. Vaid**, K. Mehra, & A. Gupta (2021). Microplastics as contaminants in Indian environment: A review. *Environmental Science and Pollution Research*, 28, 68025-68052. (Springer, Impact Factor: 5.0, SCI Indexed, SCOPUS)
10. **M. Vaid**, K. Sarma, & A. Gupta (2021). Microplastic pollution in aquatic environments with special emphasis on riverine systems: Current understanding and way forward. *Journal of Environmental Management*, 293, 112860. (Elsevier, Impact Factor: 9.2, SCI Indexed, SCOPUS)

Patents

Chapters in books and e-chapters (Published)

Conference Organisation/ Presentations

1. Yatin Rana, **Mansi Vaid**, Aman Gangwar, Shipra Varshney, Anshu Gupta. Analysis of microplastic pollutants in Najafgarh drain, Dwarka. In: Youth Environment Summit 2024: National Conference on Role of Youth Leadership in Environment and Sustainability held at Guru Gobind Singh Indraprastha University, Dwarka, New Delhi, Apr 18-19, 2024. (Poster Presentation)
2. **Mansi Vaid**, Kiranmay Sarma, Anshu Gupta. Impact of land uses on water quality of a major drain in Delhi megacity, India. In: International Water Association Conference on Water & Wastewater management, with special focus on Developing countries, jointly organized by Murdoch University in association with International Water Association at Murdoch University, Perth, Western Australia, Dec 03-08, 2023. (Oral Presentation)

3. **Mansi Vaid**, Kiranmay Sarma, Anshu Gupta. Investigation of microplastic contamination in an urban drainage network of Delhi megacity, India. In: 2nd International Conference on Emerging Contaminants in Water and Environment ECWE 2023, jointly organized by PSG Institute of Advanced Studies in association with Association of Global Groundwater Scientists (AGGS) at PSG Institute of Advanced Studies, Peelamedu, Coimbatore, India, Feb 21-22, 2023. (Poster Presentation)
4. Anshu Gupta, **Mansi Vaid**, Komal Mehra. Assessment of microplastic pollution in Yamuna River, Delhi stretch. In: International Conference on Biotechnology for Resource Efficiency, Energy, Environment, Chemicals and Health, jointly organized by CSIR-Indian Institute of Petroleum, Dehradun and The Biotech Research Society, India at Dehradun, India, Dec 01-04, 2021. (Oral Presentation)
5. **Mansi Vaid**, Kiranmay Sarma, Anshu Gupta. Microplastic contamination in a stormwater drain: Case study of Delhi. In: Nature Conference on Waste Management and Valorisation for a Sustainable Future, jointly organized by Korea University, APRU Sustainable Waste Management, *Nature Electronics*, *Nature Nanotechnology*, and *Nature Sustainability* at LG Science Park, Seoul, South Korea, Oct 26-28, 2021. (Poster Presentation)
6. **Mansi Vaid**, Kiranmay Sarma, Anshu Gupta. Investigating the effects of point source pollution on the water quality of Najafgarh drain, Delhi. In: World Environment Summit 2021, organized by Environment and Social Development Association (ESDA) Delhi at India International Centre, New Delhi, Oct 1-3, 2021. (**Best Oral Paper Award**)
7. **Mansi Vaid**, Kiranmay Sarma, Anshu Gupta. Impact of Najafgarh Drain on Yamuna River Water Quality, Delhi Stretch. In: National Web Conference on Environment, Development and Livelihood: Sustaining Earth and People, jointly organized by Department of Geography, Savitribai Phule Pune University, Pune and Institute of Indian Geographers (IIG), Pune, June 10-12, 2021. (Oral Presentation)
8. **Mansi Vaid**, Anshu Gupta, Kiranmay Sarma. Assessment of the impact of secondary drains in water quality deterioration of Najafgarh Drain in Delhi. In: An International analytical conference and exhibition, Amity University, Noida, India, Dec 12-14, 2019. (**Best Poster Award**)
9. Anuja, **Mansi Vaid**, Yogita Prabhakar, Anjum Singhal, Anshu Gupta, Kiranmay Sarma, Anubha Kaushik. A comparative account of microbiological and nanotechnological approaches for treatment of azo dyes laden wastewater. In: National Seminar on Climate Change, Biodiversity and Urban Environment: Current Trends and Challenges in the Conservation of Urban and Peri-urban Biodiversity organized by University School of Environment Management, Guru Gobind Singh Indraprastha University, Dwarka, New Delhi, Apr 26, 2019. (Oral Presentation)

Awards and Distinctions

1. University Grants Commission-National Eligibility Test-Junior Research Fellow (Environmental Sciences) (2020)
2. Graduate Aptitude Test in Engineering GATE (Ecology and Evolution) (2019)
3. Agricultural Scientists Recruitment Board ASRB-NET (Environmental Sciences) (2018)

Association With Professional Bodies

Other Activities

Academic Workshops/Seminar/Training

- National Workshop on “Spreading Awareness on the Emerging Challenges of Air Pollution and Climate Change on Human Health in Urban Ecosystems”. In: Guru Gobind Singh Indraprastha University, Dwarka, New Delhi on June 5, 2024.
- Workshop on “Techniques for EC (emerging contaminants) quantification and impact assessment in various water sectors” held at PSG Institute of Advanced Studies, Peelamedu, Coimbatore on February 20, 2023.
- Skill training program on "Efficient operation, maintenance, performance and design of waste water treatment plants" held at CSIR-NEERI, Delhi Zonal Centre (DZC) from September 20-22, 2022.
- Training Program on “Statistical Data Analysis using "R" Software” held in online mode (organized by Science-Tech Institute, Lucknow, UP) during December 21-27, 2021.
- Faculty Development Program on “Environmental Impacts of Covid-19 Pandemic: Challenges and future Research” held in online mode (organized by Guru Gobind Singh Indraprastha University) from May 27-June 1, 2020.
- Workshop on “Materials Characterization: Structure, Spectroscopy and Microscopy” held at Institute of Infrastructure, Technology, Research and Management (IITRAM), Ahmedabad, Gujarat from August 19-24, 2019.
- Workshop on “NMR operation, handling of hardware & software processing” held at CSIR-Institute of Microbial Technology, Chandigarh in August 2018.
- Workshop on “Complex disasters and climate change in Eastern Himalayas” held at Indian Institute of Public Administration, New Delhi in March 2018.

Technical Skills

MS Word, MS Excel, MS PowerPoint, SPSS, Arc GIS, Google Earth Pro, Fragstats

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Signature of Faculty Member