



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	Paromita Mukherjee	
Department		Paromita Mukherjee		
Designation		Assistant Professor		
Phone		9354546610, 7037550858		
Email		paromitamukherjee.evs@rla.du.ac.in		
Institutional Web page				
Google Scholar ID		https://scholar.google.com/citations?user=00qhnLEAAAJ&hl=en		
Research Gate ID		https://www.researchgate.net/profile/Paromita-Mukherjee-3?ev=hdr_xprf		
ORCID ID		https://orcid.org/0000-0002-9788-8151		
Scopus ID		57220664883		
Researcher ID		PIH-5677-2026		
Vidwan ID		https://vidwan.inflibnet.ac.in/profile/680920		
Educational Qualifications				
Degree		Institution	Year	
Ph.D Environmental Studies		University of Delhi, Delhi.	2024	
M.Sc. Environmental Studies		University of Delhi, Delhi.	2017	

Permanent/ Temporary/ Contractual/ Adhoc Teaching Experience					
Designation	Institution	Duration	From	To	Nature
Assistant Professor	Ram Lal Anand College, University of Delhi	7 Days	01.09.2026	Present	Permanent
Assistant Professor	School of Applied and Life Sciences, Uttarakhand University, Dehradun, Uttarakhand.	11 Months	21.07.2025	30.05.2026	Permanent
Guest Lecturer	Ramjas College, University of Delhi	11 months	13.09.2024	09.07.2025	Contractual
Industry Experience (If any)					
Designation	Company	Duration	From	To	
Research Experience					
Designation	Institution	From	To		
Junior Research Fellow, Senior Research Fellow	Bioresource and Environmental Biotechnology Lab, Department of Environmental Studies, University of Delhi, New Delhi, India.	2017-2024			
Administrative Assignments					
1. Eco-Club Coordinator, Uttarakhand University, Uttarakhand – 2025-2026 2. Anti-ragging Committee Member – 2025-2026 3. Academic Mentor- M.Sc. Environmental Science – 2025-2026					
Areas of Interest / Specialisation					
Subjects Taught					
Environmental Science (Theory into Practice- I and II), Environmental and Green Chemistry, Industrial Wastewater Treatment, Energy and Environment, Human Values and Professional Ethics, Environmental Ethics, Law and Policy, Human and Environment.					

Research Guidance (if any)
Mentored 4 M.Sc. EVS dissertation students at Uttaranchal University
Research Projects (Major Grants/Research Collaboration)
1 completed project with total funding of Rs. 1,24,856/- funded by Uttaranchal University.
Completed Projects: 1. Bioprospecting of invasive species in Dehradun for wastewater treatment using bio-enzyme and biosorbents (Principal Investigator: Dr. Paromita Mukherjee), INR 1,24,856, 1 Year (2025-2026). Funded by Division of Research and Innovation, Uttaranchal University, Dehradun.
Publications
1. Mukherjee, P., Sharma, R. S., Rawat, D., Sharma, U., Karmakar, S., Yadav, A., & Mishra, V. (2024). Microbial communities drive flux of acid orange 7 and crystal violet dyes in water-sediment system. <i>Journal of Environmental Management</i>, 351, 119699. Q1; IF 8.9 2. Mukherjee, P., Sharma, R. S., & Mishra, V. (2024). Deciphering the ecological impact of azo dye pollution through microbial community analysis in water-sediment microcosms. <i>Environmental Science and Pollution Research</i>, 1-19. Q1; IF 5.8 3. Mishra, V., Mukherjee, P., Bhattacharya, S., & Sharma, R. S. (2025). Innovative sustainable solutions for detoxifying textile industry effluents using advanced oxidation and biological methods. <i>Journal of Environmental Management</i>, 380, 124804. Q1; IF 8.9 4. Karmakar, S., Mukherjee, P., Mishra, V., Gupta, R. K., Kumar, R., Srivastava, P., & Sharma, R. S. (2024). Microhabitat influences on phage-bacteria dynamics in an abandoned mine for ecorestoration. <i>Journal of Environmental Management</i>, 370, 122659. Q1; IF 8.9 5. Sharma, U., Rawat, D., Mukherjee, P., Farooqi, F., Mishra, V., & Sharma, R. S. (2023). Ecological life strategies of microbes in response to antibiotics as a driving factor in soils. <i>Science of The Total Environment</i>, 854, 158791. F 10

6. Sharma, S., Malhotra, L., Mukherjee, P., Kaur, N., Krishanlata, T., Srikanth, C. V., Mishra, V., Banerjee, B. D., Ethayathulla, A. S., & Sharma, R. S. (2023). Putative interactions between transthyretin and endosulfan II and its relevance in breast cancer. *International Journal of Biological Macromolecules*, 235, 123670.

Q1; IF 7.7

7. Mishra, V., Mudgal, N., Rawat, D., Poria, P., Mukherjee, P., Sharma, U., Kumria, P., Pani, B., Singh, M., Yadav, A., Farooqi, F., & Sharma, R. S. (2023). Integrating microalgae into textile wastewater treatment processes: Advancements and opportunities. In *Journal of Water Process Engineering*, 55, 104128.

Q1; IF 6.3

8. Rawat, D., Sharma, U., Yadav, A., Poria, P., Farooqi, F., Pani, B., Mukherjee, P., Singh, M., Sharma, R. S., & Mishra, V. (2023). A bottom-up approach to select microbes from textile wastewater for detoxification of aromatic amine and azo dye in a single stage. *Journal of Water Process Engineering*, 53, 103668.

Q1; IF 6.3

9. Yadav, A., Kumar, P., Rawat, D., Garg, S., Mukherjee, P., Farooqi, F., Roy, A., Sundaram, S., Sharma, R. S., & Mishra, V. (2022). Microbial fuel cells for mineralization and decolorization of azo dyes: Recent advances in design and materials. In *Science of the Total Environment*, 826, 154038.

F 10

10. Singh, S., Malhotra, S., Mukherjee, P., Mishra, R., Farooqi, F., Sharma, R. S., & Mishra, V. (2020). Peroxidases from an invasive Mesquite species for management and restoration of fertility of phenolic-contaminated soil. *Journal of Environmental Management*, 256, 109908.

Q1; IF 8.9

11. Mukherjee, P. (2014). Wild edible fruits found in and around the Eastern Highlands moist forests of Amarkantak region. *International Journal of Environment and Natural Sciences*, 1, 19-23.

Patents

Book Chapters

1. Mukherjee, P., Sharma, R.S., Mishra, V. (2019). Tracking Environmental Pathway of a Multi-purpose Industrial Dye, Crystal Violet. *Environmental Health and Society*. Edited by Mishra, B.K., Singh, C.S., Gupta, V. 1st ed. New Delhi: Academic Publication. ISBN: 978-93-83931-24-8
2. Mukherjee, P., Ahirvar, B.P., Chaudhry, S., Thakur, T.K. (2016). A preliminary investigation into climate change and biodiversity aspects of central India. *Climate Change Combating through Science and Technology*. Edited by Kinhal, G.A., Dharni, A.K., Upadhyay, A.P., Dugaya, D. Indian Institute of Forest Management, Bhopal (M.P.). ISBN-978-81-211-0949-9

Conference Organisation/ Presentations

1. Paromita Mukherjee, Radhey Shyam Sharma, Vandana Mishra. (2019). Tracking Environmental Pathway of a Multi-purpose Industrial Dye, Crystal Violet. In Environmental Health and Society, Rajdhani College, University of Delhi, (Emerging challenges of Environmental Health, Society and Policies), Delhi, India.

Awards and Distinctions
Association With Professional Bodies
Other Activities



Signature of Faculty Member