Prospective Supervisors from Colleges of the University of Delhi

Supervisor index

S.No.	Name of Supervisor	Page
1	Dr. Neha Goyal	2
2	Dr. Mayank Pandey	3
3	Dr. Pardeep Singh	4
4	Dr. Robin Suyesh	5
5	Dr. Pallavi Saxena	6
6	Dr. Nawin Kumar Tiwary	7
7	Dr. Swagata Karmakar	8
8	Dr. Deepak Rawat	9
9	Dr. Pankaj Kumar	10
10	Dr. Kavita Singh	11

S.No. 1

Dr. Neha Goyal

Designation

Assistant Professor (Senior Scale)

College / Department

Department of Environmental Studies, Sri Guru Gobind Singh College of Commerce, University of Delhi

Email

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Photograph

Research Area

Plant invasion ecology, Urban ecosystem dynamics, Environmental sustainability

Biosketch

Dr. Neha Goyal has published in reputed international journals, including Biological Invasions, NeoBiota, and Ecosystem Services, and has presented her work at national and international conferences. She serves as an Assistant Editor of the journal Tropical Ecology. She has been actively promoting environmental consciousness and stewardship among young learners and the wider community, mentoring a range of projects, including the UNEP-led Green Nudges Initiative. She has completed two minor research projects; one is currently ongoing.

For more details, please see - Neha Goyal - Google Scholar
https://scholar.google.com/citations?user=Mn5nK3UAAAAJ&hl=en

S.No. 2

Dr. Mayank Pandey

Designation

Assistant Professor (Senior Scale)

College / Department

Department of Environmental Studies, P.G.D.A.V. College (Evening), University of Delhi

Email

mayankacademics@gmail.com; mayank@pgdave.du.ac.in



Photograph

Research Area

Monitoring, mitigation and health impact assessment of emerging environmental pollutants, Land Use/Land Cover Change, Environmental Sustainability

Biosketch

Dr. Mayank Pandey has published more than twenty research papers in journals of international repute and book chapters in edited books published by international publishers. Dr. Pandey has also authored one book on renewable energy. He has been awarded First Prize at the national level under 'Akshay Urja Puraskar Yojana (अक्षय ऊर्जा पुरस्कार योजना)' by the Ministry of New and Renewable Energy, Govt. of India, for the book नवीकरणीय ऊर्जा संसाधन (Publications Division, Govt. of India, ISBN: 978-93-5409-172-8).

Dr. Pandey has also successfully completed one minor research project sponsored by ICSSR and is a life member of prestigious professional bodies. Dr. Mayank has also successfully completed a Lead Auditor course for IS/ISO 14001:2015 EMS and IS/ISO 9001:2015 QMS Certifications.

For more details and complete profile, please visit ResearchGate https://www.researchgate.net/profile/Mayank-Pandey-22?ev=hdr_xprf, Google Scholar https://scholar.google.com/citations?user=xY1_ng0AAAAJ&hl=en

S.No. 3

Dr. Pardeep Singh

Designation

Assistant Professor (Reader Scale)

College / Department

Department of Environmental Sciences, PGDAV College(M), University of Delhi

Email

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Photograph

Research Area

Climate change; indigenous and traditional ecological knowledge; Himalayan communities; Himalayan food systems; pastoralism and transhumance; human–environment interactions in the Himalayan region; and community action for climate resilience and sustainable development.

Biosketch

Dr. Pardeep Singh is a senior assistant professor in the Department of Environmental Studies at PGDAV College, University of Delhi, India. He holds a Ph.D. in environmental science from the Indian Institute of Technology (BHU), Varanasi, and a master's degree in environmental science from Banaras Hindu University. His research focuses on climate change, indigenous and traditional ecological knowledge, Himalayan communities, Himalayan food systems, pastoralism and transhumance, and human–environment interactions in the Himalayan region. He also examines community action for climate resilience and sustainable development. Through field-based research, he explores how mountain communities experience and respond to environmental change, with particular attention to the contribution of local knowledge and traditional practices to adaptation, biodiversity conservation, and sustainable livelihoods.

Dr. Singh has edited more than 50 books with international publishers and published more than 85 research and review papers, along with 35 book chapters. His scholarly work connects environmental research with community perspectives and practical approaches to sustainability. He has established international collaborations spanning more than ten countries and organized more than five international workshops. These initiatives bring together researchers, students, and local communities to exchange knowledge, strengthen interdisciplinary dialogue, and explore responses to environmental challenges.

Through his teaching, research, and academic engagement at PGDAV College, Dr. Singh promotes environmental education, collaborative learning, and community participation. His work emphasizes the importance of understanding the relationships among ecological change, cultural practices, and livelihoods in the Indian Himalayas, and connects scientific inquiry with the lived experiences and knowledge of mountain communities to inform sustainable development pathways.

Link:https://scholar.google.com/citations?user=w0ros08AAAAJ&hl=en&authuser=1

S.No. 4

Dr. Robin Suyesh

Designation

Assistant Professor (Senior Scale)

College / Department

Department of Environmental Sciences, Sri Venkateswara College, University of Delhi

Email

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Photograph

Research Area

Herpetology, Amphibian Behaviour; Bioacoustics; Evolutionary Biology, Behavioral Ecology, Urban Ecology, Field Biology and Conservation.

Biosketch

Dr. Robin Suyesh is a field biologist and herpetologist specialising in the behaviour, ecology, bioacoustics, and conservation of amphibians. His research focuses on understanding amphibian diversity, acoustic communication, reproductive behaviour, and ecological adaptations through field-based investigations across biodiversity-rich regions of the Indian Subcontinent and Southeast Asia.

He is also actively involved in field-based conservation initiatives, particularly amphibian road mortality monitoring, habitat conservation, and public engagement.

https://scholar.google.com/citations?hl=en&user=W31nbrkAAAAJ&view_op=list_works&sortby=pubdate

S.No. 5

Dr. Pallavi Saxena

Designation

Assistant Professor (Senior Scale)

College / Department

Department of Environmental Science, Hindu College, University of Delhi

Email

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Photograph

Research Area

Atmospheric chemistry, source apportionment of air pollution, impacts on plant and human health, biomonitoring, nature-based solutions, sustainability indicators

Biosketch

Dr. Pallavi Saxena is an Assistant Professor in the Department of Environmental Science, Hindu College, University of Delhi, Delhi, India and serves as SSC member in iLEAPS and GEIA. Her areas of interest is atmospheric chemistry, source apportionment of air pollution, impacts on plant and human health, biomonitoring, nature-based solutions, sustainability indicators and working in this area since 16 years. She has published 85 publications in reputed high impact factor peer reviewed journals, authored and edited books, book chapters, technical and policy reports. Her Google Scholar citation is 3188, h-index = 28 and i10 index = 47.

Dr. Saxena is recently elected as Sustainability Expert from Low Middle Income Countries of Future Earth General Assembly. Dr. Saxena has been selected as Lead Author in GEO-7 UNEP Report and authored an Independent Expert Report on “Climate change and biodiversity” for European Commission in 2024. Dr. Saxena has been selected as an Expert Member in various international meetings and forums like Stockholm +50, COP28, COP29, COP30, IPBES 9,10,11 and 12 and KCI 2022. She is also an editorial board member of some reputed journals like Scientific Reports, Discover Applied Sciences, Air Quality, Atmosphere and Health, Frontiers in Sustainable Cities, Frontiers in Forests and Global Climate Change and an advisory board member in Ecological Indicators.

For More Details, you can visit Google Scholar citations profile
https://scholar.google.com/citations?user=eRWBgg0AAAAJ&hl=en
iLEAPS profile: https://ileaps.org/staff/pallavi-saxena
Hindu College Faculty Profile:
https://www.hinducollege.ac.in/faculty_profiles_details.aspx?Id=242

S.No. 6

Dr. Nawin Kumar Tiwary

Designation

Assistant Professor (Senior Scale)

College / Department

Department of Environmental Studies, Indraprastha College for Women, University of Delhi

Email

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Photograph

Research Area

Ecology and Conservation, Field Ornithology, Evolutionary and Behavioural Ecology, Urban Ecology, Wetland Studies, Community-Based Conservation

Biosketch

Dr. Nawin Kumar Tiwary completed his Master's in Environmental Studies and Ph.D. in Ecology and Conservation from the Department of Environmental Studies, University of Delhi. He has been actively involved in ecological and biodiversity research with a special interest in the evolutionary and behavioral ecology of birds, urban ecology, wetland studies, and habitat modeling.

He is a member of the IUCN Stork, Ibis and Spoonbill Specialist Group and Species Survival Commission. He is also passionate about filming birds and other forms of wildlife and makes small documentaries to showcase some interesting behavior and highlight relevant issues.He is currently working as an Assistant Professor at the Department of Environmental Studies, Indraprastha College for Women, University of Delhi.

Google Scholar: https://scholar.google.com/citations?user=mA0orm8AAAAJ&hl=en

S.No. 7

Dr. Swagata Karmakar

Designation

Assistant Professor (Senior Scale)

College / Department

Department of Environmental Sciences, Ram Lal Anand College, University of Delhi South Campus

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Photograph

Research Area

Ecology, Environmental Microbiology, Environmental Pollution and Remediation, Toxicology, Science Policy

Biosketch

Dr. Swagata Karmakar is an Assistant Professor in the Department of Environmental Studies at Ram Lal Anand College, University of Delhi, where she teaches Environmental Studies. She holds a Ph.D. from the University of Delhi. Her research brings together environmental microbiology, microbial ecology, and environmental biotechnology to understand how microorganisms influence ecosystem recovery and pollutant fate.

Her work on plant–microbe associations and bacteriophage–bacteria interactions informs the use of biological processes to restore vegetation and rehabilitate degraded lands. In pollution research, she examines how microbial communities influence the movement, transformation, and toxicity of contaminants in environments, with applications in bioremediation and soil and water-quality assessment. Her broader interests include, linking microbial ecology and environmental toxicology with risk assessment and regulation.

Link : https://scholar.google.com/citations?user=HsjqggwAAAAJ&hl=en

S.No. 8

Dr. Deepak Rawat

Designation

Assistant Professor (Senior Scale)

College / Department

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Photograph

Research Area

Water Pollution, Bioremediation, Microbial Ecology, Environmental Microbiology, Environmental Chemistry, Environmental Sustainability, Socio-economic Assessment

Biosketch

Deepak Rawat is an Assistant Professor of Environmental Sciences at the Janki Devi Memorial College (JDMC), University of Delhi, India. In his PhD, he combined environmental isolations and synthetic ecology to design a microbial community to address key challenges of industrial bioremediation. Further, he elucidated the ecological principles of mutualism between algae and siderophore-producing bacteria, mediated by the exchange of iron and carbon.

He was awarded the Newton-Bhabha PhD placement by the British Council (UK), the Newton Fund (UK), and the Department of Biotechnology (India). He was a visiting researcher at University College London in the UK. He has also received the COVID-19 Phycological Research Recovery Award from the British Phycological Society, UK and the Institute of Eminence awards from the University of Delhi, Government of India.

He is an external expert to the National Research, Development and Innovation Office in Budapest, Hungary. He has also reviewed research manuscripts for the 2nd BRICS Postgraduate Forum hosted by the Cape Peninsula University of Technology in Cape Town, South Africa. He is an editor for the Perspectives journal. He is also an ISO 21001:2018 Certified internal auditor for Management Systems for Educational Organisations. He has published papers in international peer-reviewed Scopus-indexed journals.
Google Scholar Profile: https://scholar.google.co.in/citations?user=d-UDpItdQssC&hl=en

S.No. 9

Dr. Pankaj Kumar

Designation

Assistant Professor

College / Department

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Photograph

Research Area

Environmental Pollution and Risk Assessment,
Water Quality and Aquatic Ecosystems,
Environmental Microbiology and One Health,
Bioremediation and Ecosystem Restoration,
Sustainable Tourism and Mountain Ecosystems

Biosketch

Dr. Pankaj Kumar is an Assistant Professor in the Department of Environmental Sciences, Sri Venkateswara College, University of Delhi, where he leads the One Health and Sustainability Laboratory. His research focuses on environmental pollution and health, water quality, microbial ecology, bioremediation, ecosystem restoration, sustainable tourism, and One Health. His work investigates the influence of anthropogenic and natural drivers on aquatic and terrestrial ecosystems, with particular emphasis on heavy metal pollution, emerging contaminants, microbial ecology, and ecosystem health.

His research has also expanded to examine the ecological and socio-economic impacts of tourism in fragile Himalayan ecosystems, with the aim of developing sustainable management strategies for mountain environments. He employs interdisciplinary approaches, including environmental monitoring, water and sediment quality assessment, metagenomics, and socio-economic analyses, to address contemporary environmental challenges and support evidence-based environmental management.

He has published 13 research papers in reputed peer-reviewed national and international journals and is currently leading externally funded research projects in the areas of environmental sustainability and sustainable tourism.

Google Scholar:
https://scholar.google.com/citations?hl=en&user=dKv4k9QAAAAJ&view_op=list_works

S.No. 10

Dr. Kavita Singh

Designation

Assistant Professor (Senior Scale)

College / Department

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Photograph

Research Area

Environmental biotechnology; phytoremediation; plant genetic engineering; and molecular mechanisms of pollutant detoxification.

Biosketch

Dr. Kavita Singh is an Assistant Professor in the Department of Environmental Science at Mata Sundri College for Women, University of Delhi, where she has served since September 2014. She earned her Ph.D. from the University of Delhi in 2013. Her research focuses on environmental biotechnology, plant genetic engineering, and phytoremediation, with particular emphasis on the molecular mechanisms underlying mercury detoxification. She holds two patents related to these mechanisms and has published in national and international journals. Her academic interests also encompass environmental awareness and environment–society interactions.

Official profile: Dr. Kavita Singh — Mata Sundri College for Women (https://mscw.ac.in/students-corner/faculty/dr-kavita-singh)
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