

Name: Dr. Shraddha Tripathi
Present Designation and Grade: Assistant Professor, Botany
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Educational Qualification:

Degree	Year	Subject / Title	Board/ University	Marks (%)
PhD	2019	Ecological Investigations on Ganga River (Rishikesh to Gangasagar)	Banaras Hindu University, Varanasi, U.P	NA
NET-JRF	2013	Life Sciences	CSIR	NA
M.Sc.	2013	Botany (Prof. R S Inamdar Gold Medalist for Plant Physiology and Biochemistry)	Banaras Hindu University, Varanasi, U.P	88
B.Sc.	2011	Botany, Zoology & Chemistry	Ram Manohar Lohia, Awadh University, Ayodhya, U.P	73
AISSCE	2004	Physics, Chemistry, Biology, Mathematics, English	CBSE Board, Jaunpur, U.P	68
AISSE	2002	Science, Maths, Social Science, English, Hindi	CBSE Board, Jamnagar, Gujarat	86

Experience/Positions held

- **More than four years** research experience of working in field biology and scientific laboratory environment at Ganga Ecology Research Laboratory, Botany Department, Institute of Science, Banaras Hindu University, Varanasi, Uttar Pradesh.
- Extensive field explorations and water sample collection and analysis along **2323km long stretch of River Ganga** at Rishikesh, Haridwar, Varanasi, Bhagalpur, Kolkata, Diamond Harbour, Kakdwep and Gangasagar Island in the Hooghly estuary.

- **Junior Research Fellow** from March, 2014 to April, 2016 at Ganga River Ecology Research Laboratory, Department of Botany, Institute of Science, Banaras Hindu, Varanasi, India.
- **Senior Research Fellow** from May, 2016 to April, 2018 at Ganga River Ecology Research Laboratory, Department of Botany, Institute of Science, Banaras Hindu, Varanasi, India.

Awards / Medals:

- CSIR-JRF certificate holder with AIR-29th in Life Sciences, June-2013
- Prof. R. S. Inamdar **Gold Medal** in Plant Physiology and Bio-Chemistry at Post Graduation Level.
- Merit Certificate holder for securing **100% marks** in Science at AISSE.
- Certificate holder for passing 43rd Annual All India UN Information Test with 89% marks.
- Special Merit Certificate holder for **All India- 5th position** in the 21st Annual All India UNESCO Information Test in pre-senior category.

Conference participated:

1. National Symposium on Emerging Trends and Challenges in Plant Science Research, 2015, Banaras Hindu University, Varanasi, Uttar Pradesh.
2. Conference organized by Sunbeam College for Women, Varanasi, held in September, 2014.
3. National Symposium on “Current Status and New Horizons of Ecological Sciences and Environmental Biotechnology” held in March 2013, Centre of Advanced Study in Botany, Banaras Hindu University, Varanasi, Uttar Pradesh.

Publications:

Papers:

- 1) Jitendra Pandey, Pooja Kaushik and **Shraddha Tripathi**. Assessment of Leachate Pollution Index and Greenhouse Gas Emission at MSW Dumpsites along Ganga River at Varanasi, India. **British Journal of Environment and Climate Change**, 2014; 4(3): 292-311. DOI: 10.9734/BJECC/2014/14306, ISSN: 2231–4784.
- 2) Jitendra Pandey, Usha Pandey, **Shraddha Tripathi** and Amita Yadav. Land Use Change and Atmospheric Nitrogen Loading in Ganga River Basin: A Watershed Scale Study to Uncover Cross-Domain Carbon Linkages. *Climate Change and Environment- Impacts and Adaptations*, 2015, etd. Sharma D and Sharma K.C, **New India Publishing Agency**, New Delhi.
- 3) Jitendra Pandey, **Shraddha Tripathi** and Pooja Kaushik. Atmospheric nitrogen deposition and land use change as possible drivers of dissolved organic carbon in Ganga River. (2015)
- 4) J. Pandey, U. Pandey, A. V. Singh, **S. Tripathi** and V. Mishra. Atmospheric N and P deposition in Ganges Basin. **Current Science**, 2016, 110: 974-976.
- 5) Jitendra Pandey, **Shraddha Tripathi** and Usha Pandey. Anthropogenically Induced Shifts in N:P:Si Stoichiometry and Implications in Ganga River. **Air Soil and Water Research**, 2016, 9: 35-43.