

FACULTY PROFILE

Mrs. Shivani

Assistant Professor,

Environmental Science,

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Work Experiences:

- Assistant Professor, Environmental Science, at Ganga Devi Mahila Mahavidyalaya, A constituent Unit of Patliputra University, Patna [February 2026 - till date]

Educational Qualifications:

Degree	University/ School	Honours/Subject	Year of passing	Percentage / CGPA
M.Sc.	Banaras Hindu University, Varanasi, Uttar Pradesh	Environmental Science	2020	85% / 8.95
B.Sc.	Central University of Jharkhand, Ranchi, Jharkhand	Life Science	2018	82.80% / 8.78
Intermediate (CBSE)	PVSS DAV Public School, Koderma, Jharkhand	PCB (Physics, Chemistry, Biology)	2014	78.20%
Matriculation (ICSE)	St. Clare's School, Koderma, Jharkhand	NA	2012	80.14%

Workshops/Training/Dissertation:

- Successfully completed 1 month Industrial Training at Chasnalla Colliery Division, Steel Authority of India (SAIL), Dhanbad, Jharkhand [From May 2019 to June 2019]
- Successfully completed Master's Dissertation on the topic - "Estimation of Bacterial Bio-aerosol concentration at different indoor sites on the BHU campus" under the supervision of Prof. Ram Sharan Singh, Dept. of Chemical Engineering & Technology, IIT-BHU [From December 2019 to March 2020]

Seminar /Conferences/Courses/Events:

- Organised college-level event on the occasion of World Earth Day, 2026, in Ganga Devi Mahila Mahavidyalaya, Patna. [Date: 22nd April, 2026]
- Poster Presentation on the topic: “Bioaerosols exposure assessment and challenges” at the International Conference on “Air Pollution and Health in India: Current Challenges and Way Forward”, jointly organised by the Department of Psychology and Institute of Environment and Sustainable Development, BHU, in collaboration with Brunel University London. [Date: 11th February, 2020]
- Participated in the National Seminar on “Challenges and opportunities in Life Sciences”, organised by the Department of Life Sciences, Central University of Jharkhand. [Date: 20th April, 2018]
- Successfully completed 8 weeks online NEPTTEL course through SWAYAM portal on “Ecology and Environment” [March, 2020 – April 2020]
- Successfully completed 8 weeks online NEPTTEL course through SWAYAM portal on “Solid Waste Management” [August, 2019 – September, 2019]

Laboratory skills:

- Air, Water sampling and Analysis,
- Handling of instruments such as UV-VIS Spectrophotometer, Air Sampler etc.
- Microbial analysis in air and water,
- Proximate analysis of Coal.
- Other skills: MS Office (Excel, PowerPoint & Word), C, C++, elementary R programming, and MATLAB.

Awards and achievements:

- Qualified UGC-NET (JRF) in Environmental Science in December 2019. [Score: 99.45 percentile]
- Qualified BHU-PG Entrance 2018, JNU-PG Entrance 2018 and CUCET 2018.
- Selection in PhD program at IIT-Delhi,2022 and IIT (ISM)-Dhanbad, 2022.
- Silver medal in Skit competition, topic: “Changing Earth” in Aakanksha-2019- annual youth fest, BHU
- 2nd prize in a poem competition, organised by Dr J.C. Bose Girls Hostel, BHU.