

## **CURRICULUM VITAE**



### **Dr. Shweta Yadav**

Assistant Professor

Department of Environmental Science

Integral University

Lucknow

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### **Academic Qualifications**

<b>Degree</b>	<b>Duration</b>	<b>Board/University</b>	<b>Remarks</b>
Ph.D. (Environmental Science)	2010-2017	Lucknow University	Awarded
M.Sc. (Environmental Science)	2006-2008	Lucknow University	First
B.Sc. (Zoology-Botany-Chemistry)	2003-2006	Awadh University	First

**Ph.D. Thesis Title:** Worked on “**Microbial Reclamation of Heavy Metals chromium and Nickel from Electroplating Industries**”.

### **Institutional excursion**

An educational trip at P.G. level to Pulp and Paper Industry, Sidcul near Pant Nagar, Utrakhnad, was undertaken to understand the effluent treatment and management system including the processing of paper formation.

### **Research Interests**

Environmental awareness, environmental research, pollution monitoring, bioremediation, heavy metal toxicity.

### **Skills**

- Statistical presentation of scientific data.
- Scientific writing
- Petri- dish culture experiments handling
- Biological oxygen demand (B.O.D)
- Soil and water analysis
- **Instruments:** Spectrophotometer, Laminar flow, pH meter, Centrifuge, Incubator, Hot plate, Oven, Autoclave, Handling of physical and electronic balance etc.

## Scientific Publications

- Paper published entitled “Characterization of Fungi Isolated from Electroplating Effluents for Reclamation from Heavy Metals Chromium and Nickel”. **Shweta Yadav**, Dr. Neeta Sharma, Dr. Uma Shankar, Avadhesh Kumar Mishra. *International research journal of humanities, engineering & pharmaceutical sciences* ISBN: 978-81-909047-9-7, p-ISSN: 2249-2569, e-ISSN: 2320-2955. Paper Code-Int./JUNE15/PH1087.
- Paper published entitled “Analysis of Electroplating Effluents for Fungal Diversity and Heavy metals Tolerance”. **Shweta Yadav**, Dr. Neeta Sharma, Dr. Uma Shankar. *International research journal of humanities, engineering & pharmaceutical sciences*. ISBN: 978-81-909047-9-7, p-ISSN: 2249-2569, e-ISSN: 2320-2955. Paper Code- Int./JAN15/PH927.
- Paper published entitled “Physical, Chemical and Bioremediation techniques for removal of heavy metals”. **Shweta Yadav**. *Biosc.Biotech.Res.Comm* Vol 12 (4) 1063-1074 (2019) ISSN: 0974-6455 Online ISSN: 2321-4007
- Paper published entitled “Bioremediation of crude oil contaminated soils using cow dung as bioenhancement agent: A Review”. **Shweta Yadav**. *International Journal of Pharmacy and Biological Sciences-IJPBSTM* (2019) 9 (3): 1176-118. ISSN: 2230-7605, Print ISSN: 2321-327
- Paper published entitled “**Isolation and Characterization of Chromium and Nickel degrading microbes from Industrial Effluent**”. **Shweta Yadav** in *Bull. Env. Pharmacol. Life Sci.*, Vol 9[11] October 2020: 133-140. ISSN 2277-1808
- Paper published entitled “**Fungal Biosorption of heavy metal Chromium and Nickel from the industrial effluent contaminated soil**”. **Shweta Yadav** and Anand Mishra. *Journal of Applied and Natural Science* is indexed in **Scopus** and part of UGC-CARE List Group II .

## Chapter/Abstract

- Sharma, N. and Yadav, S. (2018) Bioremediation of Nickel Contaminated Effluent in Industrial Areas of Lucknow, (U.P.), and India. NSCB GOVT. GIRLS P.G. COLLEGE, LUCKNOW.
- Yadav, S. and Shankar, U. (2018) Heavy Metal Pollution of Soil & its Impact on Plants – “A Review. Jamia Hamdard University, New Delhi 110062.
- Shweta Yadav, Pratima Tripathi & Adhrit Chandra Pati Tripathi (2021) Climate change ‘A hidden Disaster’: Role of communication in Climate Change Mitigation
- Shweta Yadav, Amina Jafri & Rahila Rahman Khan “Role of Pedagogy in Advance Learning of Teaching Methods “

## Papers presented in Conferences/Seminars/Workshops

- Presented Paper in National Conference on “**Current Issues of Environmental Health Climate and its Management**” (NCECM), 3-4 October, 2018 organized by **Dr. Ram Manohar Lohia Avadh University, Faizabad**.
- Presented Paper in National Seminar on “**Consumerism, Social Equity and Environmental Sustainability** (NSCSEES), 1-2 February, 2020 organized by **Academic Development Committee, B.S.N.V. Post Graduate College (KKV), Lucknow**.

- Presented Paper in **National Webinar** on “**COVID-19: Impact on children and pregnant women**,” **17<sup>th</sup> May, 2020** organized by DAV PG College, Lucknow, INDIA

### **Participation in Conferences / Seminars/Workshops**

- Participated in National conference on “**Bioremediation- A promising technology for clean India**” (BPTI-2012), **March 24-25, 2012** sponsored by UGC, Govt. of India, Lucknow.
- Participated in one day seminar on “**Energy for clean environment**” at Biotech Park, Lucknow on **June 9, 2012**.
- Participated in International Conference on “**Free Radicals, Redox Signaling and Translational Antioxidant Research**”, **January 30-31, 2013** organized by “**CSIR-Indian Institute of Toxicology Research**”, Lucknow.
- Participated in National Seminar on “**Himalayan Devastation and Eco-Balancing**”, **31 August, 2013** organized by Lucknow University, Lucknow.
- Achieved Award certificate for **Best Poster** Presentation in National Conference on “**Food safety and Consumer awareness**”, **21-22, 2016** organized by Lucknow University, Lucknow.
- Participated in **Lucknow Science Congress (LUSCON-2017)** on “**Science Technology & Innovation for Sustainable Development**”, **3-4 March, 2017** organized by Babasaheb Bhimrao Ambedkar University, Lucknow.

### **Membership**

- **Life member** of Vigyan Parishad B.S.N.V. P.G. College, Lucknow, U.P.
- **Life member** of Asian Biological Research Foundation (ABRF) Prayagraj, India.
- **Life member** of Indian Science Congress, India.
- **Executive board member** of Aarush Welfare Society.

### **Project Work/Workshop/ Short Term Courses**

- Workshop on “**Water Treatment by Adsorption**”, **July 27-29, 2013** organized by **Dr. Ram Manohar Lohia Avadh University, Faizabad**.
- Workshop on “**Techniques of Remote Sensing and GIS in Biodiversity & Wildlife Conservation**,” **April 27-28, 2019** organized by **Turtle Survival Alliance, Lucknow**.
- Project on refined oil from **Raghuraji Agro Industries, Ambedkar Nagar**,
- Project on recycling process from **Premier Plast Industries, Kanpur**.

### **Capacity Building Training Programmes**

- Participated as “**Organizing Secretary**” of the “**RTNMC-2012**” which was held on **12-13 January** in “**PRASAD INSTITUTE OF MANAGEMENT AND TECHNOLOGY**”.
- Completed Short term courses (agMOOCs) on “**Functional Foods: Concept, Technology and Health Benefits** “organized by IIT Kanpur.
- One Week Faculty Development Programme (FDP) in **Cow Resource Management**, organized by Jai Narain Vyas University, UGC-Human Resource Development, from 2<sup>nd</sup>-7th March, 2022.

#### **ACADEMIC EXPERIENCES**

- Experience of two years as Asst. Prof. in Engineering and Biotechnology branch of B.Tech. In “**PRASAD INSTITUTE OF MANAGEMENT & TECHNOLOGY**”, LUCKNOW.
- Experience of six month (one semester) in “**SURYA GROUP OF INSTITUTION**”, LUCKNOW.
- Experience of one year as Asst. Prof. in “**SHERWOOD COLLEGE OF ENGINEERING RESEARCH & TECHNOLOGY**”, LUCKNOW.
- Experience of one year as a **Project coordinator** in Integrated Biotechnological Research Institute, Lucknow.
- **Currently working as an Assistant Professor in the Department of Environmental Science since 2018 till.**

#### **Personal Details:**

**Date of Birth:** 10/08/1984

**Address:** 1/21, Vivek Khand Gomti Nagar

**Marital Status:** Married

**Spouse Name:** Mr. Ravi Yadav

#### **Reference**

**Dr. Neeta Sharma**

Professor

Department of Botany

University of Lucknow

**Dr. Shahanshah Gulpham**

Assistant Professor (Ph.D., AMU)

School of Criminology & Behavioral Science

Rashtriya Raksha University, Gujrat

(Shweta Yadav)