

## CURRICULUM- VITAE

**Name** **Dr. Smriti Tripathi**

**Correspondence Address** Assistant Professor  
Institute of Environmental Science  
Bundelkhand University,  
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E-mail: [smritienvs@gmail.com](mailto:smritienvs@gmail.com)

**Date of Birth** 20/06/1984

**Nationality** Indian

**Marital Status** Married

### **Educational Qualifications:**

Sl. No	Name of the Examination/ passed	Year of Passing	Name of the Board/ University	Division	% of Marks	Discipline in Engineering or Science / Remarks
1	X <sup>th</sup>	1999	U. P. Board	I <sup>st</sup>	73.6	Hindi, English, Math., Science, Social Studies
2	XII <sup>th</sup>	2001	U. P. Board	I <sup>st</sup>	70.0	Hindi, English, Physics, Chemistry,
3	B.Sc.	2004	Purvanchal University	I <sup>st</sup>	74.5	Botany, Chemistry
4	M.Sc.	2008	Banaras Hindu University	I <sup>st</sup>	93.5	Environmental Science
5	Ph.D.	2012	Banaras Hindu University	Environmental Science Ph.D. topic "Ecological Assessment of Wastewater Treatment Technologies"		

**Additional Qualification** : Qualified CRET, 2008  
Qualified NET, 2009  
Diploma in Cooperative management, 2005  
Diploma in Computer Application, 2006

### **Employment Record & Experience (Starting from the present position)**

Designation	Nature of work	Organization	Institution & Place of posting	Period (From-To)
Assistant	Teaching &	Bundelkhand	Jhansi (UP)	24/10/2013 to

Professor	Research	University, Jhansi		till date
Scientist	Research	BHU	Varanasi	02/02/2011 to 30/09/2013

### M.Phil. Dissertation-03

Name of Students	Research Title	Academic Year
Brijesh Kumar Saroj	Chemometric characterization of soil quality in Jhansi	2013 - 2014
Deepa	Chemometric characterization and assessment of water quality in Jhansi	2013 - 2014
Anshu Kumari	Ecological Assessment of River Betwa in Jhansi	2013 - 2014

### In-service Awards/Recognition

Name of the Award/ Recognition/Reviewer	Awarding Organization (Place/Country)	Year	National/ International, Institutional/Prof ession-al Society	Individual/ collaborative
Practical Examiner for PG & UG Courses	BU Jhansi & Other University/School	2015 to till date	Institutional	Individual
Paper setter and evaluator for PG and UG level	BU Jhansi, and other universities	2015 to till date	Institutional	Individual
Member in Board of Studies	BU Jhansi, and other universities	2013 to till date	Institutional	Individual

### LIST OF PUBLICATIONS

#### RESEARCH PAPERS

#### PUBLISHED BOOKS

1. **Tripathi S.**, Tripathi D.M. Nitrogen perturbation on herbaceous vegetation. 2012. Lambert Publishers. **ISBN 978-3-659-26669-0.**
2. **Tripathi S.** Tripathi D.M., Tripathi B.D. Ecological assessment of wastewater treatment technologies, 2012. Lambert publishers. **ISBN: 978-3-659-17902-0.**
3. Tripathi D.M. **Tripathi S.**, and Tripathi B.D. 2012. Effect of distillery effluent on soil and its bioremediation. **ISBN:978-6-359-24847-4.**

## PUBLISHED BOOK CHAPTER

1. **Tripathi B.D., Tripathi S.** Issues and challenges of river Ganga in ed. Book Our National river Ganga, Sanghi R., 2013. Springer International Publishing Switzerland, **ISBN 978-3-319-00529-4.**
2. Tripathi S. Tripathi B. D. 2012. Application of Combined Process of Biofiltration and Ozonation for Treatment of Municipal Sewage in the Subtropical Cities. Proceedings of International Conference on Energy Security, Global Warming and Sustainable Climate. 118 – 127. . ISBN 978-93-82332-03-9
3. Devendra Mani Tripathi and S. Tripathi (2015): Plastic waste: environmental pollution, health hazards and biodegradation strategies. Book chapter in Bioremediation of Industrial Pollutants. (Accepted).

## PUBLISHED PAPERS

1. S. Arya, **S. Tripathi**, A. K. Srivastava, R. Lakshmi, and J. Zaidi. 2016. Air Quality Monitoring at some selected traffic junctions of Jhansi, Central India. *Pollution*. 92, 38697 – 38701.
2. Pandey A., **Tripathi S.**, Pandey M. Tripathi B.D. 2015. Assessment of air pollution tolerance index by vertical garden. *Ecotoxicol. And Env. safety*. **Impact Factor. 3.082.**
3. **Tripathi S.**, Tripathi D.M. Assessment of distillery effluent irrigation on soil microbes and its bioremediation. *Octa Journal of env. res.* 2015.
4. Pandey M., **Tripathi S.**, Pandey A.K., Tripathi B.D. Risk Assessment of metal species in sediments of river Ganga. 2014. *Catena*, 122: 140 – 149. **Impact factor: 2.482. Citation: 2**
5. Tripathi S. Tripathi B. D. 2013. Advanced treatment technology for secondary treated municipal wastewater. *Journal of National Academy of sciences.* (Accepted)
6. Tripathi S. and Tripathi D.M. 2014. Toxic potential of ozone during ozonation of secondary effluent. *Applied water Science (Springer).* (Accepted)
7. Kumari M., **Tripathi S.**, Pathak V., Tripathi B. D. Chemometric characterization of river water quality. 2013. *Journal of Environmental Monitoring and Assessment*. 185:3081–3092 **Impact Factor: 1.905. Citation: 9**
8. **Tripathi S.**, Pathak V., Tripathi, D. M., Tripathi, B.D. Application of Ozone Based Treatments of Secondary Effluents In The Tropical Cities. *Bioresource Technology*, 102: 2481–2486. 2011. **Impact factor: 5.342. Citation: 12**
9. **Tripathi, S.**, Tripathi B.D. Efficiency of combined process of ozone and bio-filtration in the treatment of secondary effluent *Bioresource Technology* 102: 6850–6856. 2011. **Impact factor: 5.342. Citation: 33**
10. **Tripathi, S.**, Tripathi, D.M. and Tripathi B.D., Removal of organic content and color from secondary treated wastewater in reference with toxic potential of Ozone during ozonation. *Hydrol. Current Res.* 2: 111. **ISSN: 2157 – 7587. Impact Factor: 0.89. Citation: 2**

11. Devendra Mani Tripathi, **Smriti Tripathi**, B.D. Tripathi, Implication of secondary treated distillery effluent irrigation on soil cellulase and Urease activities, Journal of Environment Protection, 2, 655: 661. 2011. **ISSN: 2152 – 2219. Impact Factor: 1.43. Citation: 3**
12. Tripathi B.D., Pathak V., **Tripathi S.** 2009. Rain water Harvesting and Groundwater Recharging in and around the City of Varanasi. Current science.

**Member of Learned Bodies:**

- Life Member of Indian Science Congress Association, Kolkata

**Training Programme:**

<b>Training(s) attended in the relevant field of specialization (Mention Title, Duration, Institution, location etc.)</b>			
<b>Title</b>	<b>Duration</b>	<b>Institution</b>	<b>Year</b>
Faculty Development Programme	7 days 1-7 Sept.2014	IQAC,B.U. Jhansi	2014
Data analysis using SPSS,	7 days March 23 – 29,	Dept. of statistics, BHU.	2011
Rain Water Harwesting and Ground water Recharging	23 days 5 <sup>th</sup> – 28 <sup>th</sup> March	CEST, BHU, Varanasi	2010
Summer Training Programme	2 months 1 May to 7 July 2010	Shanti Gopal Ind. Chunar	2007
Industrial Training Programme	2 months Dec'06-Feb'07 2010	HINDALCO Ind. Renukoot	2008

**Participated/Attended in Seminars/ Conferences and Workshop:**

- Attended Training Workshop (Turnitin) iThentical organized by I Group Infotech. India Pvt. Ltd. at B.U. Jhansi (U.P.). Dec. 6, 2014.
- Attended the National Conference on “Recent Trends in Applied Microbiology, Human Health & Environment” on March 27-28, 2015 and presented a paper.
- 4<sup>th</sup> International **Conference** on Climate Change and Sustainable Management of Natural Resources at ITM University, Gwalior, M.P. India. Feb. 12-14, **2014**.
- National **Seminar** on Electoral Reforms in India, organised by Babu Jagjivan Ram Institute of Law, Bundelkhand University, Jhansi March 03-04, **2014**.
- Seven Day **Faculty Development Programme** (Dream Uny) held at Bundelkhand University, Jhansi. Sep.1-7. **2014**.
- Training **Workshop** (Turnitin) iThentical organized by I Group Infotech. India Pvt. Ltd. at B.U. Jhansi (U.P.). Dec. 6, **2014**.
- 5<sup>th</sup> International **Conference** on Climate Change and Sustainable Management of Natural Resources at ITM University, Gwalior, M.P. India. Feb. 9-11, **2015**.

- National **Symposium** on challenges for Science and Technology in 21<sup>st</sup> Century: National Perspective (NSCST-2015), Deptt. Of Electrical, Engineering Rustamji Institute of Technology, Gwalior (M.P.) Feb. 26-27, **2015**.
- National **Seminar** on Research in Social Science and Sciences with Special Reference to Methodology and Statistical Techniques, U.G.C. Sponsored at B.U. Jhansi U.P., March 21-22, **2015**.
- International conference on recent advances in issues and challenges of river Ganga Basin management. March 26 – 28, 2012. Centre for Environmental Science & Technology, BHU, Varanasi.
- Short Term Course on Remote Sensing and GIS. March 16<sup>th</sup> – 18<sup>th</sup>, 2012. Dept. of Civil Engineering, IIT BHU, Varanasi.
- International conference SOLARIS. February 7 – 9<sup>th</sup>, 2012. IIT Delhi.
- Training program on data analysis using SPSS, March 23 – 29, 2011. Dept. of statistics, BHU.
- Training Program on Rain water harvesting and ground water recharging. 5<sup>th</sup> – 28<sup>th</sup> March 2010. Centre for Environmental Science & Technology, BHU, Varanasi.
- International conference on strategic management of energy, environment, and disaster for sustainable development (Jan 11-15, 2010), organized at Banaras Hindu University, Varanasi.
- International Conference on Plant, Environment and Pollution (ICPEP – 4), Dec. 8 – 11, 2010, NBRI, Lucknow.
- National workshop on River Ganga: Issues and Challenges”, Dec. 11, 2010, BHU, Varanasi.
- National Workshop on River Ganga, 16-17, September 2009, Banaras Hindu University, Varanasi.
- International Congress on Recent Advances in Environmental Science and Technology, Nov. 2 – 4 , 2009. Centre for Environmental Science & Technology, BHU, Varanasi.
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### Correspondence Address and Permanent Address

Dr. Smriti Tripathi  
w/o Dr. Devendra Mani Tripathi  
Mani Bhawan  
Sufipura, Near Huzurpur Bus Stand  
Bahraich

### Declaration

I hereby affirm that the information provided in this document is accurate and true to the best of my knowledge.

**Place:** Jhansi

**Dr. Smriti Tripathi**