

Name of Teaching Staff	:	Dr. ADITI KULSHRESTHA	
Designation	:	Assistant Professor	
Department	:	Department of Science and Humanities	
Date of Joining the Institution	:	19-1-2015	
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Google Scholar Link:		https://scholar.google.co.in/citations?user=Y_HzkdsAAAAJ	
Researchgate Link:		https://www.researchgate.net/profile/Aditi-Kulshrestha	
ORCID		https://orcid.org/0000-0003-1869-8040	
Publons Researcher ID:			
Qualifications with Class / Grade	:	Ph.D.	
Total Experience in Years	:	12 years	
Papers Published in Journal:	:	<p><u>International Journals</u></p> <ol style="list-style-type: none"> 1. Kulshrestha, A., Satsangi, P.G., Masih, J., Taneja, A., 2009. <i>Metal Concentration of PM_{2.5} and PM₁₀ Particles and Seasonal Variations in Urban and Rural Environment of Agra, India</i>. <i>Science of the Total Environment</i>, Elsevier, 407, 6196-6204. (<i>Impact Factor: 10.75</i>) 2. Massey, D., Masih, J., Kulshrestha, A., Habil, M., Taneja, A., 2009. <i>Indoor/outdoor relationship of fine particles less than 2.5 μm (PM2.5) in residential homes locations in Central India region</i>. <i>Building and Environment</i>, Elsevier, 44, 2037-2045. (<i>Impact Factor: 7.09</i>) 3. Kulshrestha, A., Bisht, D.S., Masih, J., Massey, D., Tiwari, S., Taneja, A., 2010. <i>Chemical characterization of water-soluble aerosols in different Residential Environments of Semi Arid Region of India</i>. <i>Journal of Atmospheric Chemistry</i>, Springer, 62, 121-138. (<i>Impact Factor: 2.87</i>) 4. Masih, J., Masih, A., Kulshrestha, A., Singhvi, R., Taneja, A. 2010. <i>Characteristics of polycyclic aromatic hydrocarbons in indoor and outdoor atmosphere in the North central part of India</i>. <i>Journal of Hazardous Material</i>, Elsevier, 177, 190–198 (<i>Impact Factor: 14.2</i>) 5. Pipal, A. S., Kulshrestha, A., Taneja, A. 2011. <i>Characterization and morphological analysis of airborne PM2.5 and PM10 in Agra located in North Central India</i>. <i>Atmospheric Environment</i>, Elsevier, 45, 3621-3630 (<i>Impact Factor: 5.75</i>) 6. Massey, D., Kulshrestha, A., Masih, J., Taneja, A., 2012. <i>Seasonal Trends Of PM10, PM5.0, PM2.5 & PM1.0 In Indoor And Outdoor Environments Of Residential Homes Located In North-Central India</i>. <i>Building and Environment</i>, Elsevier, 47, 223-231 (<i>Impact Factor: 7.09</i>) 7. Massey, D., Kulshrestha, A., Taneja, A., 2013. <i>Particulate matter concentrations and their related metal toxicity in rural residential environment of semi-arid region of India</i>. <i>Atmospheric Environment</i>, Elsevier, 67, 278-286 (<i>Impact Factor: 5.75</i>) 	

8. **Kulshrestha, A.**, Massey, D., Masih, J., Taneja, A., 2014. *Source characterization of Trace Elements in Indoor environment at urban, rural and roadside sites in a semi arid region of India*. Aerosol and Air Quality Research. (*Impact Factor: 3.6*).

Indian Journals

1. Massey, D., **Kulshrestha, A.**, Masih, J., Taneja, A., (2008). *A Study of the Impact Associated Fireworks on Air Quality*. Indian Journal of Air Pollution Control , VIII, N 2, pp. 23-29
2. Satsangi, P.G., **Kulshrestha, A.**, Taneja, A., Rao, P.S.P., (2011). *Measurement of PM and PM_{2.5} Aerosols in Agra, a semi arid region in India*. Indian Journal of Radio and Space Physics, 40, 203-210. (. (*Impact Factor: 0.10*).

Chapter

Ajay Taneja, A., Habil, M. and **Kulshrestha, A.** 2011, Particles in the Indoor Environment: Sources and Health Effects in Developing Countries. Chapter 1 in Particulate Matter: Sources, Emission Rates and Health Effects , ISBN: 978-1-61470-948-0, Editors: Henrik Knudsen and Niels Rasmussen, Nova Science Publishers, Inc

International Proceedings

1. Massey, D., **Kulshrestha, A.**, Taneja, A. *A study on indoor outdoor concentration of particulate matter in rural residential houses in India*. International conference on Environmental and computer science (ICECS 2009) held on 28-30 December 2009 Dubai, UAE, doi: 10.1109/icecs.2009.45 pg 218-223.
2. Masih, J., **Kulshrestha, A.**, Massey, D., Habil, M., Taneja, A., 2009. *Indoor/ outdoor levels of Polycyclic Aromatic Hydrocarbons (PAHs) in the Rural India: A case study*. Proceeding of International Symposium on Environmental Pollution, Ecology and Human Health, Tirupati pp 45-49. (July 25-27, 2009).

Indian Proceedings

1. Habil, M., Massey, D., **Kulshrestha, A.**, Masih, J. and Taneja, A., (2010). *Heavy metal exposure to children in Schools near Roadsides in India*. *Aerosols and Clouds: Climate Change Perspectives, IASTA BULLETIN*, 19, pp. 623-626.
2. **Kulshrestha, A.**, Satsangi, P.G., Massey, D., Sharma, A., and Taneja, A., (2007). *Study of PM₁₀ and PM_{2.5} Aerosols at Urban and Rural Sites in North Central Part of India during Monsoon*. Mitigation of Pollutants for Clean Environment, Proceedings of NS 15, pp.281-285.
3. Satsangi, P.G., **Kulshrestha, A.**, Taneja, A., Rao, P.S.P., (2007). Chemical characterization of PM10 in Agra, a Semi-Arid Region. *Emerging Trends in Aerosol Technology and Applications, IASTA BULLETIN*, 18, pp.122-125.
4. Satsangi, P.G., **Kulshrestha, A.**, Taneja, A., Rao, P.S.P., (2007). *Roadside Concentrations of Particulate matter and NO₂ in Agra*. Mitigation of Pollutants for Clean Environment, Proceedings of NSE-15, pp.254-258.

Extended abstracts

1. **Kulshrestha A.**, Taneja A., 2019. Particle and trace metal concentration in roadside residences of India. Proceedings, 1st Asian conference on Indoor Environmental Quality, New Delhi. February 1-2, 2019.
2. **Kulshrestha, A.** Taneja, “Chemical characterization of fine Particulate matter in India” Proceeding of the AAAR-2010, International Conference organized by The American Association for Aerosol Research held at *San Diego, California, U.S.A.* 2010.
3. D. Massey, **A. Kulshrestha**, M. Habil, A. Taneja. “Particulate in indoor air environment” Proceedings, Symposium of International conference “REAP”, Agra, India 2009.
4. Jamson Masih, **A. Kulshrestha**, A. Taneja, K. Kumar. Concentration of Polycyclic Aromatic Hydrocarbons (PAHs) In Indoor and Outdoor Air in different Seasons of Ru

	India. In conference proceeding of National Conference on indoor air Quality, A n challenge in India. Lucknow, Feburary-2011	
Area of Specialization	<u>Chemistry, Environment Science</u>	
Professional Memberships	: Life member of The Indian Society for Technical Education (ISTE) since 2017. Life member of Society for Indoor Environment (SIE) since 2019.	Membership No. LM 120550 Membership No. SIE/2019/158
Subjects Taught	<u>UG Level:</u> Applied Chemistry Engineering Chemistry Environment Science	
Projects Completed	: 1/3/2019 to 31-8-2019: Principle Investigator, Mumbai University <i>Exploring in-situ mechanism for estimating soil organic carbon content towards sustainable farming</i> 5/4/2010 to 31-3-2011: Senior Research Fellow (Extended), CSIR <i>Chemical Characterization of Fine Particulate Matter in Ambient of Agra</i> 16/7/2007 to 4/4/2010: Project assistant, DST <i>Size and chemical composition distribution of particulate Matter different indoor microenvironments.</i> 1/4/2006 to 15/7/2007: Project assistant, DST <i>Chemical Characterization of Particulate matter in Ambient air Agra region.</i>	
Recommended Students for Higher Education	<u>Name of the Student</u> 1. Unnati Vipul Dharaiya : 2. Thakkar, Jay Rajesh 3. Mohit Mehra	<u>University/Industry</u> Rutgers University San Jose State University Northeastern University CSU Long Beach University San Jose State University.
Institute/Department Responsibility handled:	<ul style="list-style-type: none"> • Class teacher for First year students. • Paper setter for end Semester Exams. • Member of Admission committee • Member of NBA Committee. • Vigilance Committee. • Member of ERT Team. • Member of Induction Team. 	