



School of Life Sciences

Name: Dr. Shweta Yadav
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Educational qualification

- **Ph.D. (2013) in Environmental Sciences**, School of Environmental Sciences, Jawaharlal Nehru University, New Delhi, India
- **M.Sc. (2006) in Environmental Sciences**, School of Environmental Sciences, Jawaharlal Nehru University, New Delhi, India. (FGPA 8.51 on 0-9 scale; A⁺ Grade)
- **University Grants Commission National Eligibility Test for Junior Research Fellowship & Lectureship (UGC-NET-JRF)** (December 2005) in Environmental Sciences.
- Assistant Professor in Department of Environmental Sciences, Central University of Jammu, Jammu (**July 22, 2013 – Till Date**).
- Assistant Professor in Department of Environmental Studies, Visva-Bharati (A Central University and an Institution of National Importance), Santiniketan, West Bengal., India (**January 07, 2013 – July 19, 2013**).

Research Interests:

- Atmospheric pollution and chemistry
- Air quality and health implications
- Aerosol Dynamics
- Characterization and source apportionment of particle bound organic tracers

Selected Publications:

1. Yadav, S., Tandon, A. and Attri, A.K. (2014): Timeline Trend Profile And Seasonal Variations In Nicotine Present In Ambient PM₁₀ samples: A Four Year Investigation From Delhi Region, India. *Atmospheric Environment* **98**: 89-97 (<http://dx.doi.org/10.1016/j.atmosenv.2014.08.058>).
2. Yadav, S., Tandon, A. and Attri, A.K. (2013): Characterization of Aerosol Associated Non-Polar Organic Compounds using TD-GC-MS: A Four Year Study from Delhi, India. *Journal of Hazardous Materials* **252-253**: 29-44 (doi: 10.1016/j.jhazmat.2013.02.024).

3. Yadav, S., Tandon, A. and Attri, A.K. (2013): Monthly and seasonal variations in aerosol associated n-alkane profile in relation to meteorological parameters in New Delhi, India. *Aerosol and Air Quality Research* **13**: 287-300 (doi: 10.4209/aaqr.2012.01.0004).
4. Tandon, A., Yadav, S. and Attri, A.K. (2013): Non-Linear Analysis of Short Term Variations In Ambient Visibility. *Atmospheric Pollution Research* **4**: 199-207 (doi: 10.5094/APR.2013.020).
5. Tandon, A., Yadav, S. and Attri, A.K. (2012): Analysis of Annual Cyclic Variations in Total Ozone Column over Indian Region. *Journal of Atmospheric Chemistry*, **69**(4): 321-335 (doi: 10.1007/s10874-012-9243-4).