



School of Life Sciences

Name: Dr Dinesh Kumar

Designation: Assistant Professor

Department: Environmental Sciences

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Academic Profile:

Degree	University/College	Year of passing
Ph. D. in Environmental Sciences Thesis Title: Thunderstorm Simulation with Enhanced Land Surface Representation Over North-Eastern Indian Coastal Region	Jawaharlal Nehru University, New Delhi, INDIA	April 2014
M.Phil. (Pre-Ph.D.) in Environmental Sciences	Jawaharlal Nehru University, New Delhi, INDIA	July 2008

- In 2006: Qualified as Junior Research Fellowship of ICMR
- June 2007: Qualified as Junior Research Fellow of CSIR in Earth and Planetary Sciences
- June 2007: Qualified NET conducted by UGC in Environmental Sciences.
- Qualified GATE in Life sciences in 2007.
- Assistant Professor in Department of Environmental Sciences, Central University of Jammu, Jammu (6, Dec 2013 – Till Date)

Research Interests:

- Mesoscale, extended range modeling and forecasting of atmospheric phenomenon, severe convective weather events modeling.
- GIS application in atmosphere, agriculture, forest cover mapping and other various natural, resource management.

Selected Publications:

1. Pandey, P., Prakash, A. **Kumar**, D., Masih, J., Singh, M., Jain, V.K. and Kumar, K. (2011). A study of urban heat island and its association with particulate matter during winter months over Delhi. *Science of Total Environment*, 414: 494-507
2. Singh, M. **Kumar**, D., Pandey, P., Kumar, K. and Jain, V.K. (2011). Ambient noise levels due to dawn chorus at different habitats in Delhi *Internatl. J. Sci. Technol.*, **6**: 123-134

3. Pandey P., **Kumar D.**, Prakash A., Kumar K., Jain V.K. (2009). A study of the summertime urban heat island over Delhi. *Internatl. J. Sustainability Sci.*, **1**(1): 27
4. Kumar, D. (2014). Satellite radiance assimilation using 3D-Var: A case study of thunderstorm over Indian region *COSPAR Scientific Assembly, 2- 10 August 2014 at Moscow, Russia*, Organized by Committee on Space Research
5. Dinesh, K., Kumar, K. K., Prasad, S., Mohanty, U.C. and Manoj (2013). *Impact of satellite radiance on the simulation of thunderstorm*, International Humboldt Kolleg on Management of Water, Energy and Bio-resources in Changing Climate Regime: Emerging Issues and Environmental Challenges Programme organised by Jawaharlal Nehru University, New Delhi, p-14.