




Shivaji College Faculty Details Proforma

Title	Dr.	First Name	Yogender	Last Name	Singh	Photograph
Designation	Assistant Professor					
Address	Department of Environmental Studies Shivaji College, University of Delhi (DU) New Delhi-110 027, INDIA					
Office Phone No.						
Residence	House No. 446, Village & Post Office- Premnagar, Disst/Tehsil- Bhiwani, State- Haryana, Pin Code- 127031					
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Web-Page						
Educational Qualifications	Ph.D					
Degree	University/Institute				Year	
Ph.D.	Jawaharlal Nehru University, New Delhi				2022	
M.Phil./M.Tech.						
PG	Guru Jambheshwar University of Science & Technology, Hisar				2011	
UG	Maharshi Dayanand University, Rohtak				2008	
Any Other Qualification						

Career Profile

I am an Assistant Professor in the Department of Environmental Studies, Shivaji College (University of Delhi), New Delhi. Erstwhile, I was associated with the Jawaharlal Nehru University, New Delhi, India where I work on post of Researcher in a project “United Kingdom Research and Innovation-Global Challenges Research Fund-South Asian Nitrogen Hub”. I also received research fellowships from the University Grants Commission.

Administrative Assignments

1. **Member of, Centre for Environment & Disaster Management Committee, of Shivaji College.**
2. **Member of, Environment and Sustainability Committee (Garden Committee, Eco club, Energy Audit, Vermicompost Unit, Biocomposting Unit, Paper recycle unit, Solar panel committee, Solid waste Management)**

Areas of Interest/Specialisation

- **Environmental Chemistry, Air Pollution and Climate Change:** (Air Pollution, Aerosol Chemistry and Climate Change, Environmental Analytical Chemistry, Atmospheric Dust, Transport and Chemical Transformations, Chemistry of Rain, Reactive Nitrogen (Nr), Air Pollution Monitoring).

Subjects Taught

Course: Under Graduate Level (UG)- Environmental Science: Theory into Practice (I & II), Ability Enhancement Course (AEC-I & II).

Publications Profile (*Research Papers/Books*)

- Katoch, A. Yadav, S., **Singh, Y.**, & Kulshrestha, U.C. (2023). “Wet scavenging of trace metals and reactive nitrogen in Delhi, India”. *“International Journal of Environmental Science and Technology”*, 1-16.
- Yadav, S., Katoch, A., **Singh, Y.**, & Kulshrestha, U.C (2023). “Abundance and variation of gaseous NH₃ in relation with inorganic fertilizers and soil moisture during Kharif and Rabi season”. *“Environmental Monitoring and Assessment”* 195 (1), 234.
- **Singh, Y.**, & Kulshrestha, U.C. (2020). “Air Quality of NCR Delhi during COVID-19 Pandemic”. *“JNU ENVIS Newsletter”*, 25 (1).
- **Singh, Y.**, & Kulshrestha, U. (2019). “An Analysis of GRAP Task Force Directions for Improved AQI in Delhi during 2018”. *“Current World Environment”*, 14 (2), 29.
- **Singh, Y.**, Kulshrestha, U. (2016). “New Delhi ‘Odd–Even II’: A Hasty Repeat”. *“Journal of Energy Environment and Carbon Credits”*, 6, 1–8.
- **Singh, Y.**, Kulshrestha, U. (2016). “Critical Assessment of Odd and Even in Delhi”. *“Journal of Energy Environment and Carbon Credits”*. 6, 1–6.

Conference/Seminar/Faculty Development Programme/Workshop

- **International Seminars-** Poster presentation titled “Spatial and seasonal variation of atmospheric Ammonia in the NCR Delhi (India)” at Advancing Earth and Space Science Organized by American Geophysical Union (AGU) at the Moscone Convention Centre in San Francisco, CA (USA) from 9 December 2019 to 13 December 2019.
- Poster Presentation Titled "Outcomes of odd-even rule and its effects on air Pollution: a case study of Delhi," at the International Conference on Remote Sensing Technologies and Applications in Urban Environments: attending “International Society for Optics and Photonics in Europe (SPIE) Remote Sensing, Berlin, Germany from 10-09-2018 to 13-09-2018.
- Participated in National Conference on ‘Multidisciplinary Approach in Frontier Areas of Environmental Science & Engineering (MAFAESE-2011)’ in GJU Science & Technology, Hisar.
- **National Seminar-** Oral Presentation Titled "An analysis of GRAP Task Force Directions for Improve AQI in Delhi during 2018 "at the International Conference on Knowledge and Policy for Sustainable Development: Global Lessons and local Challenges, Guru Gobind Singh Indraprastha University, New Delhi, India held from 25-09-2019 to 27-09-2019.
- **Training Programs:** "Geospatial Technologies for Urban Planning" conducted online by Indian Institute of Remote Sensing from 11-02-2016 to 15-04-2016.
- 'Atmospheric Aerosol Physics, Measurements, and Sampling Techniques" held during 16-19 February, 2016 at Indian Institute of Technology (IIT) Madras, Chennai.
- Three Weeks Training programme on “Remote Sensing and Geographical Information System (GIS)” at Haryana Space Applications Centre during June, 2010.

Awards and Distinctions

- Student Travel Award for attending Advancing Earth and Space Science Organized by American Geophysical Union (AGU) at the Moscone Convention Centre in San Francisco, California (CA) (USA) from 9 December 2019 to 13 December 2019 by **AGU Atmospheric Sciences Board Designated Fund** partially and Partially by the **Council of Scientific & Industrial Research (CSIR)**.
- Student Travel Award for attending “International Society for Optics and Photonics in Europe (SPIE) Remote Sensing Symposium in ESTREL Congress Center, Berlin, Germany from 10 September 2018 to 13 September 2018 by **SPIE and the Symposium and Conference Chairs of SPIE Remote Sensing and Security + Defence 2018**.
- **Senior Research Fellowship (SRF)** by University Grant Commission (UGC) in Environmental Sciences.
- **Junior Research Fellowship (JRF)** by University Grant Commission (UGC) in Environmental Sciences.

Memberships

American Geophysical Union (AGU)

Other Academic Activities

- International: Visited- Sri Lanka, Bangladesh and Bhutan for providing training of Quality Analysis and Quality Control (QAQC) for collection of wet deposition samples to our collaborator's in (UKRI-GCRF-SSANH)" Project and installation of wet only collector at these sites.
- National: Visited- Indian Institute of Technology (IIT) Roorkee, Indian Meteorological Department (IMD) New Delhi and Aryabhata Research Institute of Observational Sciences (ARIES) Nainital for providing training of Quality Analysis and Quality Control (QAQC) for collection of wet deposition samples to our collaborator's in (UKRI-GCRF-SSANH)" Project and installation of wet only collector at these sites.



Signature of Faculty Member