



**DESHBANDHU COLLEGE**  
**(UNIVERSITY OF DELHI)**  
**KALKAJI, NEW DELHI - 110019**  
Faculty Details Proforma for College Website

Title	Dr.	First Name	Bhupendra	Last Name	Singh	Photograph
Designation	Assistant Professor					
Address	Department of Environmental Studies Deshbandhu College Kalkaji, New Delhi					
Phone No. Office						
Residence						
Mobile	9910659657					
Email	bpsingh0783@gmail.com					
Web-Page						
<b>Educational Qualifications</b>						
Degree	Institution					
Ph.D in Environmental Science	Jawaharlal Nehru University, New Delhi					
M.Phil in Environmental Science	Jawaharlal Nehru University, New Delhi					
M.Sc in Environmental Science	Jawaharlal Nehru University, New Delhi					
UG in Botany (Hons)	Banaras Hindu University, Varanasi					
P.G. Diploma, Environmental Law	Indira Gandhi Open University, New Delhi					
P.G. Diploma in Disaster Management	Indira Gandhi Open University, New Delhi					
<b>Career Profile</b>						
<ul style="list-style-type: none"> <li>➤ Have been working as Assistant Professor of Environmental Studies at undergraduate colleges of Delhi University since 2015</li> <li>➤ Qualified Joint CSIR-UGC Test- <b>Junior Research Fellow (JRF)</b> in ‘Earth, Atmospheric Ocean and Planetary Sciences, UGC-NET for <b>Junior Research Fellow (JRF)</b> in Environmental Sciences June, and -NET for <b>Junior Research Fellow (JRF)</b> in Environmental Sciences</li> <li>➤ <b>Certificate Course:</b> “Remote Sensing, Geographical Information System &amp; Global Navigation Satellite System” conducted by Indian Institute of Remote sensing Dehradun, India, 2015.</li> <li>➤ <b>Faculty Induction Program:</b> Attended one month Faculty Induction Program organized by Guru Angad Dev Teaching Learning Center, Delhi University sponsored by Ministry of Human Resource Development held from May 07-June 02, 2018</li> <li>➤ <b>Faculty Development Programs a)</b> “Recent Developments in Translational Medicine (RDTM), “Polymer Analysis and Application: Current Scenario” and “Advance in Surface Engineering” organized by the Delhi Technical University, Delhi, March, 2018.</li> </ul>						

## Administrative Assignments

- Working as member of Eco club and website committee

## Areas of Interest/Specialization

**Chemical characterization and seasonal variation of gaseous and particulate phase polycyclic aromatic hydrocarbons (PAHs) in the ambient atmosphere and Assessment of indoor air concentrations of VOCs and their associated health risks**

## Subjects Taught

Ecosystem			
Biodiversity			
Pollution			
Environmental Laws			
Disaster Management			

## Publications Profile

List against each head (If applicable) (as illustrated with examples)

- Books/Monographs (Authored/Edited)
- Research papers published in Refereed/Peer Reviewed Journals
  - Research papers published in Academic Journals other than Refereed/Peer Reviewed Journals**
    - Bhupendra Pratap Singh**, Amit Kumar, Deepak Singh, Monika Punia , Krishan Kumar & V. K. Jain (2014) *An assessment of ozone levels, UV radiation and their occupational health hazard estimation during photocopying operation*, **Journal of Hazardous Materials**, Vol, 275, pp, 55-62 (IF: 6.513)
    - Amit Kumar, **Bhupendra Pratap Singh**, Monika Punia , Deepak Singh, Krishan Kumar & V. K. Jain (2014) *Determination of volatile organic compounds and associated health risk assessment in residential homes and hostels within an academic institution, New Delhi*, **Indoor Air**, Vol, 24, pp, 474-483 (IF: 4.396)
    - Amit Kumar, **Bhupendra Pratap Singh**, Monika Punia, Deepak Singh, Krishan Kumar & V. K. Jain (2013). *Assessment of indoor air concentrations of VOCs and their associated health risks in the library of Jawaharlal Nehru University, New Delhi*, **Environmental Science and Pollution Research**, Vol, 21, pp, 2240-2248 (IF: 2.914)
    - Amit Kumar, Deepak Singh, **Bhupendra Pratap Singh**, Manoj Singh, Krishan Kumar & V. K. Jain (2014). *Spatial and temporal variability of surface ozone and nitrogen oxides in urban and rural ambient air of Delhi-NCR, India*. **Air quality, Atmosphere and Health**, DOI 10.1007/11869-01403090 (IF: 2.970)
    - Monika Punia, Suman Nain, Amit Kumar, **Bhupendra Pratap Singh**, Amit Prakash, Krishan Kumar, V. K. Jain. (2014). *Analysis of temperature variability over north-west part of India for the period 1970–2000*, **Natural Hazards**, Vol, 75, pp, 935-952 (IF: 2.319)
    - Deepak Singh, Amit Kumar, Krishan Kumar, **Bhupendra Pratap Singh**, Usha Mina, Braj Bihari Singh, Vinod Kumar Jain. *Statistical modeling of O<sub>3</sub>, NO<sub>x</sub>, CO, PM<sub>2.5</sub>, VOCs and noise levels in commercial complex and associated health risk assessment in an academic institution*, *Science of the Total Environment* 572 (2016) 586–594 (IF: 5.589)

7. Deepak Singh & Amit Kumar & **Bhupendra Pratap Singh** & Kumar Anandam & Manoj Singh & Usha Mina & Krishan Kumar1 & Vinod Kumar Jain. Spatial and temporal variability of VOCs and its source estimation during rush/non-rush hours in ambient air of Delhi, India, Air Qual Atmos Health DOI 10.1007/s11869-015-0354-3 (**IF: 2.970**)
8. Purnima Bhardwaj, **Bhupendra Pratap Singh**, Alok K Pandey, Vinod K Jain, Krishan Kumar. Characterization and Morphological Analysis of Summer and Winter Time PM<sub>2.5</sub> Aerosols Over Urban, Rural Locations in Delhi-NCR, International Journal of Applied Environmental Sciences ISSN 0973-6077 Volume 12, Number 5 (2017), pp. 1009-1030
9. Niharika Pandey, **Bhupendra Pratap Singh**, A. K. Neema. Mineral Carbon Sequestration by Alkaline Waste and Its Use in Landfill, Int. Journal of Engineering Research and Application, ISSN : 2248-9622, Vol. 7, Issue 6, (Part -3) June 2017, pp.85-92

**b) Research papers Published in Conferences/Seminar other than Refereed/Peer Reviewed Conferences**

- ❖ Presented a paper “Seasonal Variation of Fine Particulate (PM<sub>2.5</sub>) in the Ambient Atmosphere at site of Delhi” at a National Seminar Environmental Sustainability and Conservation: Issues and Challenges in the 21st century” , on 15<sup>th</sup> November, 2017, organized by Satyawati College (Evening), University of Delhi.
3. *Other publications (Edited works, Book reviews, Festschrift volumes, etc.)*

**Conference Organization/ Presentations**

*List against each head(If applicable)*

1. *Organization of a Conference: None*
2. **Participation as Paper/Poster Presenter**

**Research Projects (Major Grants/Research Collaboration)**

**Awards and Distinctions**

**Association With Professional Bodies**

- *Editing*
- *Reviewing: Journal of Air Quality, Atmosphere and Health, Journal of Atmospheric Pollution Research and Journal of The Royal Society of Chemistry*
- *Advisory*
- *Committees and Boards: Reviewer of Journal of SN Applied Sciences (SNAS)*
- *Memberships*
- *Office Bearer*

Other Activities



Signature of Faculty  
Member

- You are also requested to give your complete resume as a Word or PDF file to be attached as a link on your department page.