



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

Title	Mr.	First Name	AMIT	Last Name	K. SINGH	Photograph
Designation	Assistant Professor					
Address	KH298, Flat 01 First Floor , Charan Apartment, Ghitorani - 110030					
Phone No. Office	9555032605					
Residence Mobile						
Email	amit03.bhu@gmail.com					
Web-Page						
Educational Qualifications						
Degree	Institution				Year	
Ph.D.	Pursuing, Jawaharlal Nehru University					
M.Phil.	Jawaharlal Nehru University					
PG	M.Sc. (Environmental Science), Banaras Hindu University					
UG	B.Sc., V.B.S.P.University					
Any other qualification						
Administrative Assignments						
<ul style="list-style-type: none"> Worked as Interviewer of Eminent scientists at American Geophysical Union (AGU) Narratives in the AGU Fall Meeting 2018 held at Washington DC, USA, from 10-14 December 2018. Worked as a Facilitator and volunteered in the “14th annual meeting of Asia Oceania Geosciences Society (AOGS)” held on 6 -11 August 2017, Singapore. Member of organizing team of the 3rd Meeting of Expert Committee on N-PDF & ECR, Proposal for Young Scientist in Earth & Atmospheric sciences”, held on 28-30th September, 2016, School of Environmental Sciences, Jawaharlal Nehru University New Delhi. Organizer in the 16th Annual Conference of the International Association for Mathematical Geosciences (IAMG-2014) on Geostatistical and Geospatial Approaches for the Characterization of Natural Resources in the Environment: Challenges, Processes and Strategies” 17-20 October, 2014, School of Environmental Sciences, Jawaharlal Nehru University New Delhi. Conducted INSPIRE-SEAT-2011 Internship Science Camp for more than 300 High school students under the aegis of Dept. of Science & Technology, Ministry of Science & Technology, 2011 at Academic Staff College, Banaras Hindu University, Varanasi. 						
Areas of Interest/Specialization						
<ul style="list-style-type: none"> Groundwater Hydrogeology, Environmental Modeling, Water Quality, Arsenic and Fluoride contamination and its remediation, Remote Sensing, Climate Change and its implications. 						
Subjects Taught						

Research Guidance

List against each head (If applicable):

1. Supervision of awarded Doctoral Thesis
2. Supervision of Doctoral Thesis, under progress
3. Supervision of awarded M.Phil. dissertations
4. Supervision of M.Phil. dissertations, under progress

Publications Profile

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

1. Books/Monographs (Authored/Edited)
2. Research papers published in Refereed/Peer Reviewed Journals
 - a) Research papers published in Academic Journals other than Refereed/Peer Reviewed Journals
 - Singh, A.K., Patel. S., Singh, S.K., 2017 Groundwater Quality Assessment and its suitability for Drinking Purposes In Sonbhadra District, U.P., India, In Integrated Natural Resources Management The Way Forward, New Delhi Publishers, ISBN: 978-93-86453-08-2
 - Madhav, S., Ahamad, A., Singh, A. K., Shyam, K., Singh, P., Pradeep, 2018 Evaluation of Water Quality of Ponds in Lower Varuna Region of Varanasi City, Uttar Pradesh, India. Energy, Ecology and Environment, 140-147
 - b) Research papers published in Refereed/Peer Reviewed Conferences
 - Singh, A. K., Tiwari, S., Singh, A., 2011 Variation of Aerosol optical depth over Varanasi located in Indo–Gangetic Basin, Earth Science India, 30.
 - c) Research papers Published in Conferences/Seminar other than Refereed/Peer Reviewed Conferences
3. Other publications (Edited works, Book reviews, Festschrift volumes, etc.)

Book Chapters:

 - Singh, A. K., Madhav, S., Ahamad, A. P., Pradeep, Fluoride Contamination and its impact on plant and human. Geostatistics and Geospatial Technologies for Ground water Resources in India, Springer-Nature
 - Madhav, S., Ahamad, A., Singh, A.K., Shyam, K., Singh, P., Pradeep, Sharma, S. Water Pollutant: sources and impact on the environment and human health, Energy, Environment and Sustainability, Springer
 - Ahamad, A., Madhav, S., Singh, A. K., Shyam, K., Singh, P., Pradeep, Sharma, S. Type of Water Pollutant: conventional and emerging. Energy, Environment and Sustainability, Springer

Conference Organization/ Presentations

List against each head(If applicable)

1. Organization of a Conference: None
2. Participation as Paper/Poster Presenter
 - Singh, A. K., Patel, Swetabh. ,Raju, N.J. Paper Presentation entitled “Evaluation of Fluoride Exposure on Human Health in highly exposed population of Sonbhadra District, Uttar Pradesh, India” Earth and Space Sciences, American Geophysical Union Fall Meeting 2018, Washington DC, USA during from 7-10 December 2018.
 - Singh, A. K., Nayak, C., Raju, N. J., Poster presentation entitled “Contamination of fluoride in groundwater and its effect on human health: A case study in a part of Sonbhadra District, Uttar Pradesh, India” in ELSI 6th International Symposium, held at Tokyo Institute of Technology, Tokyo,

Japan during 09 Jan to 11 Jan, 2018

- Singh, A. K., Raju, N. J., Agnihotri, S. Oral Presentation “Hydrogeochemical characteristics of groundwater and its suitability for drinking and irrigation purposes in Sonbhadra district, Uttar Pradesh, India at the 14th annual meeting of Asia Oceania Geosciences Society (AOGS)” held on 6 -11 August 2017, Singapore
- Singh, A. K., Singh, S., Raju, N.J., Poster presentation in the pre-conference workshop on Biogeochemistry, ENVIS centre on Biotechnology organized by Ministry of Environment and Forest, GOI and SES, JNU, New Delhi, Nov, 2014.
- Singh, A. K. Poster presentation entitled “Evaluation of water quality of ponds in parts of Varanasi city, India” in 16th Annual Conference of the International Association for Mathematical Geosciences on Geostatistical and Geospatial Approaches for the Characterization of Natural Resources in the Environment: Challenges, Processes and Strategies, Oct,2014, JNU, New Delhi
- Singh, A. K. Poster presentation entitled “Bio-reduction of Hexa-valent Chromium by moderately Halo tolerant Bacteria isolated from tannery effluents” in National Symposium on Current Status and New Horizons of Ecological sciences and Environmental Biotechnology (ESEB-13),2013.
- Singh, A. K. Poster presentation entitled “Annual and Seasonal Variability of water vapor over Varanasi located in Indo-Gangetic Basin” in International Humboldt Kolleg on Management of water, Energy and Bio-resources in changing climate Regime: Emerging issues and Environmental Challenges, Feb, 2013
- Certificate course on “Geospatial Technologies for Urban Planning” conducted by IIRS, Dehradun and ISRO, Ahmadabad, under the aegis of NRSC, Department of Space, from February 11, 2016, to March 15, 2016.
- Course on “Hydrological Modeling with SWAT” organized by Global Initiative for Academic Networks (GIAN) under aegis of Ministry of Human Resource Development, GOI, New Delhi, Dec, 2015.
- Two week long DST Summer School on “Mathematical Morphology in Geosciences” conducted by systems sciences and informatics unit (SSIU) of Indian Statistical Institute-Bangalore centre, March-April 2015
- Joint training workshop on “Basics of Satellite Meteorology and Environmental Applications” organized by TERI University and India Meteorology Department, New Delhi, March, 2014.

Research Projects (Major Grants/Research Collaboration)

Awards and Distinctions

- University Grants Commission (UGC-SRF), 2016
- Council of Scientific and Industrial Research (CSIR-JRF), 2013
- University Grants Commission (UGC-JRF), 2013
- Graduate Aptitude Test in Engineering (GATE) in Ecology and Evolution, 2014
- Volunteer, Wildlife Crime Control Bureau, Govt. of India
- Gold medal in Glider flying competition Magnum opus, (all India level), I.T.BHU Varanasi 2009
- Participated in AIR-BORNE and secured Gold medal in the event held under the auspices of MAGNUM OPUS: The Annual Techno-Management Festival of Institute of Technology (IIT), BHU 2008
- Silver medal in BLACK BIRD at TECHFEST, IIT-BOMBAY 2010.
- Bronze medal in radio control aircraft flying competition Techkriti, (all India level), I.I.T-Kanpur, 2010
- Bronze medal in the CRUISE CONTROL and secured Third Prize organised in TECHKRITI, The Annual Technology & Entrepreneurship Festival of IIT Kanpur 2009.

Association With Professional Bodies

- *Editing*
- *Reviewing*
- *Advisory*
- *Committees and Boards*
- *Memberships*

<ul style="list-style-type: none"># Life Member of The Indian Science Congress Association (INSA)# Life Member of Indian Society of Applied Geochemists (ISAG)# Member of International Association of Hydrogeologists (IAH)# Member of Asia Oceania Geosciences Society (AOGS)# Member of American Geophysical Union (AGU)# Member of International Association of Hydrological Sciences(IAHS)# Member of Seismological Society of America (SSA) <ul style="list-style-type: none">• <i>Office Bearer</i>
Other Activities
<ul style="list-style-type: none">• Volunteer, Wildlife Crime Control Bureau, Govt. of India

Amit K.Singh

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.