




Faculty Details Proforma



Title DR.	First Name	SANTOSH	Last Name	KUMAR	Photograph
Designation	Assistant Professor				
Address	Department of Geography, Shaheed Bhagat Singh College (University of Delhi), Sheikh Sarai Phase- II (Triveni), New Delhi-110017 (INDIA).				
Date of Birth					
Phone No Office	011-29250306				
Mobile					
Email	santoshkumar@sbs.du.ac.in / skpkaimur@gmail.com				
Web-Page	NA				
Educational Qualifications					
Degree	Institution			Year	
Ph.D.	Department of Geography, Delhi School of Economics, University of Delhi.			2021	
M.Phil	Department of Geography, Delhi School of Economics, University of Delhi.			2019	
M.Sc. Geography	Department of Geography, Delhi School of Economics, University of Delhi.			2017	
M.Sc. Zoology	Department of Geography, NOU, Patna			2016	
B.Sc. Hons.	Department of Zoology, Science College Campus, Patna University, Patna			2014	
Zoology Career Profile	Sardar Vallabhbai Patel College, Bhabua			2013	
Assistant Professor				2012	
				2011	
				2010	
	Department of Geography, Shaheed Bhagat Singh College (University of Delhi),			29/03/2023 till date	
Assistant Professor (Ad-hoc)	Department of Geography, Shaheed Bhagat Singh College (University of Delhi),			04/01/2016 – 28/03/2023	
Assistant Professor (Guest)	Department of Geography, Shaheed Bhagat Singh College (University of Delhi),			July 2015	
Assistant Professor (Guest)	July, 2014 in Department of Geography, Dr. Bhim Rao Ambedkar College (University of Delhi), Main Wazirabad Road Yamuna Vihar Delhi-110094.			July 2014	
Areas of Interest / Specialization					
Environmental Problems and Policies, Climate Change, Glacial Study, Remote Sensing & GIS and Geography of Religion.					
Papers Taught					
Field Work and Research Methodology, Fundamentals of Remote Sensing,					

Introduction to GI Science, Environmental Geography & Climate Change Vulnerability and Mitigation.
Research Guidance
NA
Projects, Dissertation and Research experience
<ul style="list-style-type: none"> <input type="checkbox"/> Research Assistant, “Development and Socio-economic Change in Indian Mega Region.” Funded by Ministry of Education, Culture, Sports, Science and Technology, Japan; conducted in December, 2014. <input type="checkbox"/> Secretary, Livelihood Security in Changing Socio-Economic Environment in Himachal Pradesh, India (2012 onwards) collaborated with University of Turku, Finland; Since Jan, 2014 to 15 April 2014. <input type="checkbox"/> Prepared M.A. Dissertation on “The Impact of Fluoride toxicity on the stomach of Rabbit” under the supervision of Dr. Arvind Kumar, University of Patna 2004.
International Outreach
<ul style="list-style-type: none"> <input type="checkbox"/> Invited Lecture delivered on Influences of Climate Change in Kumaun Himalaya: A Case Study of Pindari Region in 2nd International Forum on Climate Change and Health Response under “THE BELT & ROAD INITIATIVE (BOT), CHINA organized by School of Public Health, Sun Yat-Sen University at The Asia International Hotel, No. 326 Huanshi East Road, Yuexiu District, Guangzhou, China during December 2-4, 2018.
Publications Profile
<u>Research articles:</u> <ul style="list-style-type: none"> <input type="checkbox"/> “Long term climate change assessment during 1907-2015 in the Kumaun Himalaya region, Uttarakhand” in the special issue in the special issue “Sustaining Himalayan Environment and Future Earth" of the International Journal of Ecology and Environmental Sciences, ISSN: 2320-5199 (Online), Volume 201, 215P. https://doi.org/10.55863/ijees.2023.2625. <input type="checkbox"/> Memoriam: “R.B. Singh - Father of Modern Indian Geography” in the special issue “Sustaining Himalayan Environment and Future Earth" of the International Journal of Ecology and Environmental Sciences ISSN: 2320-5199 (Online), Volume 49, PP. 121-123. https://doi.org/10.55863/ijees.2023.2625. <input type="checkbox"/> “Spatio-Temporal Analysis of Snow Cover Change in the Kumaun Himalayan Region, Uttarakhand, India” in Indian Journal of Spatial Science Summer Issue, EISSN: 2249 – 4316, ISSN: 2249 - 3921 2022, Vol. 13(2) pp.22 – 33. <input type="checkbox"/> “Land Use Land Cover Change Analysis using Geo-spatial Techniques in the Kumaun Himalaya Region, Uttarakhand” in Journal of Water and Land use Management published by MD Publication Private Limited, New Delhi, ISSN: 0973-9300, Volume 17, Issue 1, PP. 13-25, 2018. <input type="checkbox"/> “Spatio-Temporal Inventory of Glaciers in Pindari region of Kumaun Himalaya, Uttarakhand” in National Geographical Journal of India, National Geographical Society of India, BHU, Varanasi, INDIA; Vol. 59, Pt. 4, PP. 365-376, 2013. <u>Book chapters:</u>

- “Climate change in Pindari Region, Central Himalaya, India” in Edi. Book Climate Change, Glacier Response, and Vegetation Dynamics in Himalaya Published by Springer International Publishing AG, Switzerland, ISBN 978-3-319-28975-5, PP. 117-135.

Conference/ workshop Organized

Member of Organizing Committee in following conferences:

- Virtual International Conference on the theme Challenges to Disaster Risk Reduction and Resilient Habitat, organized by Centre for Disaster Management Studies, Shaheed Bhagat Singh College, University of Delhi, India held on April 5-6, 2022.
- Online international conference on the topic “Future Challenges and Sustainable Development Goals: Science to Policy Framework” organized by International Coordination and Development Program, Shaheed Bhagat Singh College, University of Delhi, India held on 16th, 17th and 18th April, 2021.
- National webinar on Urban Health Hazard and Preparedness in Global Pandemic COVID-19 organized by Department of Geography and Centre for Disaster Management Studies, Shaheed Bhagat Singh College, University of Delhi in Collaboration with National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India, May 2, 2020.
- National Conference on Historical Geography of location and Cultural evolution in India, organized by Department of Geography, Shaheed Bhagat Singh College, University of Delhi, India in collaboration with The Association of Geographical Studies on April 13-14, 2019.
- International Conference on Livable Cities: Transforming Sustainability and its Challenges organized by Department of Geography, Shaheed Bhagat Singh College, University of Delhi, India on February 5-7, 2018.
- National Conference on Making City Resilient: Post Habitat organized by Department of Geography, Shaheed Bhagat Singh College, University of Delhi, India on February 3-4, 2017.
- International Geographical Union (IGU) Commission Conference, organized by Department of Geography, Shaheed Bhagat Singh College, University of Delhi, India on March 18-20, 2016.
- 7 Days National Faculty Development Programme on Data Handling and Advance Data Analysis, Organized by Department of Geography, Shaheed Bhagat Singh College, University of Delhi, May 2-8, 2016.

Conference/ workshop Attends

Papers Presentation/ Participation in National and International Seminar:

- Presented research paper titled LONG TERM CLIMATE CHANGE ASSESSMENT DURING 1907 - 2015 IN THE KUMAUN HIMALAYA REGION, UTTARAKHAND in INTERNATIONAL GEOGRAPHICAL UNION Thematic Conference organized by Department of Geography, Central University of Haryana Mahendragarh on November 24 - 25, 2022.
- Presented research paper titled 'Tracing disaster preparedness at micro-level in India: An empirical study of boatman at Magh Mela in Allahabad in virtual International Conference on the theme Challenges to Disaster Risk Reduction and Resilient Habitat, organized by Centre for Disaster Management Studies, Shaheed Bhagat Singh College, University of Delhi, India held on April 5-6, 2022.
- Presented paper and Best paper award on 'Climate change and vegetation line dynamics in the Kumaun Himalaya Region, Uttarakhand' under the sub-theme Climate Action in the online international conference on the topic "Future Challenges and Sustainable Development Goals: Science to Policy Framework" organized by International Coordination and Development Program, Shaheed Bhagat Singh College, University of Delhi, India held on 16th, 17th and 18th April, 2021 by Santosh Kumar.
- Presented paper on "Landslide Susceptibility Mapping of Kumaun Himalaya Region using Analytical Hierarchy Process (AHP) method" in National Conference on Historical Geography of location and Cultural evolution in India, organized by Department of Geography, Shaheed Bhagat Singh College, University of Delhi, India in collaboration with The Association of Geographical Studies on April 13-14, 2019 by Santosh Kumar.
- Presented paper on "Multidimensional Poverty in Slums: A case study of Varanasi City" in International Conference on Livable Cities: Transforming Sustainability and its Challenges organized by Department of Geography, Shaheed Bhagat Singh College, University of Delhi, India on February 5-7, 2018, by Dr. Santosh Kumar.
- Presented paper on "Influences of Climate change in Kumaun Himalayan Region, Uttarakhand" in National Seminar on Adaptation and Implementation of Paris agreement: National initiatives towards Climate Change Mission organized by Department of Geography, Shaheed Bhagat Singh College (Evening), University of Delhi, India on April 21-22, 2017, by Santosh Kumar.
- Presented paper on "Risk of Environmental Calamity in Hilly Urban area of Kumaun Himalaya, Uttarakhand" in National Conference on Making City Resilient: Post Habitat III organized by Department of Geography, Shaheed Bhagat Singh College, University of Delhi, India on February 3-4, 2017, by Anju Singh and Santosh Kumar.
- Presented paper on "Assessment of Climate Change and Recession of the Kafni glacier (Uttarakhand) using Remote Sensing and GIS" in International Geographical Union (IGU) Commission Conference, on Land use change, Climate extremes and Disaster Risk Reduction organized by Department of Geography, Shaheed Bhagat Singh College, University of Delhi, India on March 18-20, 2016, by R.B. Singh and Santosh

Kumar.

- Presented paper on “Influences of Climate Change and Estimation of the retreat of Pindari glacier (Uttarakhand) using Remote Sensing and GIS” in International Geographical Union (IGU), Biodiversity Conference on Sustainability and Mountain response to Global change organized by Department of Geography and Regional Development, University of Kashmir, Srinagar, Jammu and Kashmir during June 4th-5th, 2014, by R.B. Singh and Santosh Kumar.
- Presented paper on “The role of Ambedkar's Dhamma Vision for strengthening human rights against Untouchability and the caste system in India” in International Seminar on Understanding Dr. Ambedkar concept of Dhamma: Transforming Self and Society, organized by Baba Bhimrao Abbedkar University, Lucknow on April 14th - 15th, 2014.
- Presented paper on “Empowering Tribal Community for Sustainable Livelihood Security through Organic Farming of Medicinal Plants in Adhaura block (Kaimur), Bihar” in National Conference cum Exhibition on Devine medicinal plants,, Products, Panchgavya and their roles in Integrated Rural Development, organized by Council for Development of Rural Area, held at Vigyan Bhawan, New Delhi on February 21st & 22th, 2014.
- Presented paper on “Climate Change trends in the Pindari glacier region, Uttarakhand” in 35th Indian Geography Congress NAGI on focal theme Sustainability, Environment and Society at Department of Geography, University of Madras, Chennai on December 12th, 2013- R.B. Singh and Santosh Kumar.
- Participated in International Geographical Congress IGU Conference on Geo-Informatics for Biodiversity and Climate Change organized by Department of Geography, at M.D University Rohtak, India, 14th -16th March 2013.
- Participated in 34th Indian Geography Congress, NAGI, Department of Geography at Patna University, November 02nd -05th, 2012.
- R.B.Singh and Santosh Kumar: Climate change and Glacial Fluctuation in Pindari Region, Uttarakhand in 33rd Indian Geography Congress NAGI organized by Department of Geography, University of Burdwan, Burdwan, West Bengal during November 11-13, 2011.
- Poster presentation on Life cycle of Malarial parasite in One day Symposium organized by Department of Zoology, Science College, University of Patna, Patna – February-28th, 2003.

Refresher courses/ FDPs/ Training courses attended

- Participated in online Training on Disaster Management Plans to Enhance Resilience of Institutional Buildings organized by National Institute of Disaster Management,

Ministry of Home Affairs, Govt. of India in Collaboration with Centre for Disaster Management Studies, Shaheed Bhagat Singh College, University of Delhi from 23 Feb to 25 Feb 2022.

- Participated **Online Capacity Building Program on Hydro-Meteorological Disaster: Techniques of Measuring, Monitoring and Management of Floods**, Disaster Risk Reduction and Resilience organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in Collaboration with Centre for Disaster Management Studies, Shaheed Bhagat Singh College, University of Delhi, 21-23 October, 2021.
- Participated in National webinar on Urban Health Hazard and Preparedness in Global Pandemic COVID-19 organized by Department of Geography and Centre for Disaster Management Studies, Shaheed Bhagat Singh College, University of Delhi in Collaboration with National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India, May 2, 2020.
- Participated in 7 Days National Faculty Development Programme on Data Handling and Advance Data Analysis, Organized by Department of Geography, Shaheed Bhagat Singh College, University of Delhi, May 2-8, 2016.
- Participated in Indian Himalayas Climate Change Programme (IHCAP) sponsored 4 days Training and capacity building workshop on Applied Glaciology, Organized by Department of Geography, Shaheed Bhagat Singh College, University of Delhi, February, 2-5, 2016.
- Assisted in village Field Survey of Japanese Research Project entitled “Development and Socio-economic Change in Indian Mega-Region” funded by Ministry of Education, Culture, Sports, Science and Technology, JAPAN conducted in December, 2014.
- Participated in ICSSR sponsored 7 days Research Methodology course for ST/SC Ph.D. Student of Social Science, Organized by Department of Geography, Swami Shradhanand College, University of Delhi, December 26th, 2013- Jan.1st, 2014
- Participated in Pre-Symposium Tutorial on “LiDAR Technology and Its Applications”, Organized By IARI, New Delhi in November 2012
- Participated in “Pace survey mapping” of Delhi University Campus, organized by Department of Geography, University of Delhi, 2012.
- Participated in Three Days UGC-SAP workshop on “Techniques in Regional/Resource Studies” Organized by Department of Geography, DSE, Delhi University from 22nd -24th march 2012

Awards and Distinctions

- University Grant Commission NET for Environmental Sciences in November 2017

<input type="checkbox"/> University Grant Commission NET +JRF for Geography in June 2011 <input type="checkbox"/> CSIR-NET for Earth and Atmospheric sciences in Jun 2010 <input type="checkbox"/> University Grant Commission NET for Geography in June 2010 <input type="checkbox"/> University Grant Commission NET for Geography in June 2009
Association With Professional Bodies
<input type="checkbox"/> National Association of Geographers India (NAGI) LIFE MEMBERSHIP <input type="checkbox"/> Association for Geographical Studies (AGS) LIFE MEMBERSHIP
Other Activities