

Kiran K Singh, Ph.D.

Assistant Professor

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Education

- Ph.D. (2010): “Land Degradation in a part of East Singhbhum District: A Geographical Analysis”, Banaras Hindu University (BHU), Varanasi.
- M.A. - Geography (2002) from Banaras Hindu University (BHU), Varanasi, Gold Medal.
- B.A. - Geography (2000) from Banaras Hindu University (BHU), Varanasi, 1st rank.

Experience

- Assistant Professor in Centre for Geography and Geology, School of Environment and Earth Sciences, Central University of Punjab, Bathinda from 20.07.2015 till date.
- Assistant Professor in Centre for South and Central Asian Studies, School of Global Studies, Central University of Punjab, Bathinda from 02.04.2012 to 19.07.2015.
- Assistant Professor (Geography) in ACC Wing (Academic Block), Indian Military Academy, Dehradun, Uttarakhand since 04.07.2011 to 05.03.2012.
- Lecturer in Department of Geography, Government P.G. College, Hamirpur, Uttar Pradesh 14.08.08 to 13.07.09.
- Six months lab work experience in Jharkhand Space Application Centre, Ranchi during Ph.D.
- Teaching assignment for UG class as Junior Research Fellow in Mahila Mahavidyalaya, Banaras Hindu University, 2006-2007.

Teaching Assignments

M.A./M.Sc. level

Teaching various topics in following courses of M.A./M.Sc. in Semester I

- GEO.501 Geomorphology
- GEO.502 Principles of Climatology
- GEO.503 Evolution of Geographical Thought
- GEO.506 Cartography- Theory
- GEO.507 Cartography- Practical

Teaching various topics in following courses of M.A./M.Sc. in Semester II

- GEO.508 Oceanography
- GEO.509 Geography of India
- GEO.510 Quantitative methods in geography- Practical
- GEO.511 Human Ecology

Teaching various topics in following courses of M.A./M.Sc. in Semester III

- GEO.601 Fundamentals of Remote Sensing
- GEO.602 Fundamentals of Remote Sensing-Practical
- GEO.603 Research Methodology in Geography and synopsis writing

Teaching various topics in following courses of M.A./M.Sc. in Semester IV

- GEO.605 Fundamentals of GIS and GPS
- GEO.606 Fundamentals of GIS and GPS-Practical
- GEO.636 Digital Image Processing & Information Extraction
- GEO.637 Digital Image Processing & Information Extraction –Practical

Ph.D. level

- GEO.707 Urban Geography and Environment

Research Project

Handled

Ongoing

- Indian Council of Social Science Research, New Delhi funded research project on “Assessment of Urban Environment Quality of Bathinda: A Socio-Geographical Perspective”. Grant of Rs. 4.0 Lakh.

Professional Recognition /Awards/Scholarship

- Selected for *Post-Doctoral Fellowship* offered by Indian Council of Social Science Research (ICSSR), New Delhi.
- *Senior Research Fellowship* (UGC-SRF) from 27.05.08 to 13.08.08.
- *Junior Research Fellowship* (UGC-JRF) from 26.05.06 to 25.05.08.
- Qualified for eligibility for Lectureship in the UGC-NET exams held on June 2004, June 2005 and December 2005.
- *Gold Medal* for standing First in M.A. /M.Sc. Geography, Dept. of Geography, BHU-2002.
- *BHU Prize* for standing First in Geography at the B.A. /B.Sc. (Hons.) Part III Examinations-2000.
- *Sri Ram Sundar Singh Memorial Prize* for securing First Position in Geography among the candidates of M.M.V. at the B.A. /B.Sc. (Hons.) Examination 2000.
- BHU endowment scholarship for securing first position in B.A. /B.Sc. (Hons.) 2000.

Peer Recognition

- Recognition of academic excellence by Jawaharlal Nehru Memorial Funds, Teen Murti House, New Delhi in year 2004.

Area specializations/Research Interest

- Environmental geography, land use/land cover dynamics, urban environment, Remote sensing and Geographical Information System.

Publications

Research Papers

- Kumar, G., Kaur A. and **Singh, K. K. (2014)**. Transport and urban mobility: Perception of people on services of public transport in Bathinda city, Punjab, India. *International Research Journal of Social Sciences*. Vol. 3(12), 1-5. ISSN 2319–3565
- **Singh K. K.** and Singh R. (2013). Land Degradation in India: A Quest for Legal Remedy. *International Journal of advanced and innovative Research (IJAIR)*, Volume 2 (2).
- **Singh K. K.** (2012). Re-designing geography through inter-linking of rivers: A feasibility study. *International Journal of Science, Environment and Technology*, Vol. 1 (4), pp 358 – 362.
- **Singh K. K.** and Raju, K.N.P. (2009). Choice of Remote Sensing Data (IRS-1C LISS III) for Geomorphic Mapping. *Asian Journal of Geoinformatics (AJG)* Vol. 9 (2) (June issue) pp 53-54.
- **Singh K. K.** and Londe, S.K. (2009). Monitoring Wasteland in Part of East Singhbhum District Using LISS III Data. *Indian Journal of Geomorphology*, Vol. 13&14, pp 99-105.
- **Singh K. K.** (2008). Assessment of Rural Tourism Potential in Hamirpur District: A Geographical Analysis. *North Indian Geography Journal (UBBP)*, Vol.38,
- **Singh K. K.** (2007) Environmental Protection: A way to achieve sustained economic development in Nepal. *Indian Journal of Nepalese Studies*, Vol. XIII, pp 93- 103.

Book Chapters

Review Articles

- **Singh K. K.** (2010). Land Degradation Studies in Retrospect: A Review, *Journal of International Environmental Application & Science*, Vol. 5 (4): pp 609-620.

Popular Articles

Monographs

- **Singh K. K.** (2010). *Assessment of Land Degradation: A Qualitative Approach*” VDM Verlag Publishing House Ltd, Germany. ISBN-13: 978-3639305753.

Technical Reports

Workshop/Conferences

Organised

Attended

- Presented a paper on ‘*Geography Education for Sustainable Development*’ in ICSSR sponsored National Conference on ‘Education for Sustainable Development’ held on 4th and 5th February, 2016, Organized by Centre for Education , Central University of Punjab, Bathinda.
- Participated in a “Workshop & Special Lecture on “*GIS and Its Application: Recent Trend in Geography and Geology*” held from 15.2.2016 to 19.02.2016 organised by Centre for Geography and

Geology, Central University of Punjab.

- Participated in the workshop on “ *Capacity Building of Higher Education Teachers on e-Content Development using Moodle*” from 15 to 16, September, 2015, organised by Commonwealth Education Media Centre for Asia (CEMCA), Commonwealth of Learning (COL), New Delhi in collaboration with Central University of Punjab, Bathinda.
- Attended 72nd Orientation Course from June 03 – 30, 2015 organised by Human Resource Development Centre, Banaras Hindu University, Varanasi.
- Delivered lectures as a resource person on Types of Research Design: Experimental; Control Group & Experimental Group; Ex-Post Facto Research Design. Concepts in Research: Variables, Attributes on 25-03-2015 in ICSSR New Delhi sponsored Research Methodology workshop organized by P.G Department of Sociology, Guru Nanak College for Girls, Sri Muktsr Sahib (Pb).
- Presented a paper on ‘Geography of Natural Disaster and Poverty in South Asia’ in International Seminar on Poverty and Deprivation in South Asia held on 09 March, 2015 – 11 March, 2015, Organized by Centre for the Study of Nepal & Department of Economics, Faculty of Social Science, Banaras Hindu University (BHU), Varanasi.
- Participated in special training programme on “Geospatial Technologies for Urban and Regional Planning” organized by Indian institute of Remote Sensing, ISRO, Dehradun during 15-26 December, 2014.
- Presented a paper in international seminar on ‘*Diminishing the space through transport integration: a study of South Asia*’; in “Global Politics and Governance in 21st Century: Emerging Trends and Global Concerns” held on 22-23rd of March, 2014 organized by Department of Political Science, Babasaheb Bhimrao Ambedkar Central University, Lucknow.
- Presented a paper in the International Seminar, entitled, “*Global Environmental Politics*” held on December 8-9, 2012 organized by the UGC-SAP, Department of Political Science, University of Allahabad.
- Presented a paper in the National Seminar on, *Emerging Environmental Issues: Legislative & Judicial Approach* on 22nd and 23rd October, 2012 conducted by Department of Law, Punjabi University Regional Centre, Bathinda
- Attended two day workshop on “Rain Water Harvesting and Artificial Ground Water Recharge” organized by Central Ground Water Commission and BHU during 25th-26th march 2008.
- Attended National Workshop on “Writing Research Proposal” organized by the Department of Journalism and Mass Communication, BHU during 11th -16th March, 2008.
- Attended National Workshop on “Global Climate Change and Sustainable environment” organized by the Department of Environmental Science, Babasaheb Bhimrao Ambedkar University, Lucknow, during 04th -05th March, 2008.
- Participated in 5th course on "Application of Geoinformatics for Disaster Management" for four weeks from 15th April to 16th May, 2009 Geological Survey Of India (GSI) Training Institute (ISRO sponsored), Hyderabad.
- Participated in 5 days Training Programme on “ERDAS Imagine, Leica Photogrammetry Suite and ArcGIS for Geographers & Geo-scientists” (24/11/08-28/11/08) organized by Department of Geography, School of Human & Environmental Sciences, North-Eastern Hill University, Shillong.

- Participated in Three Weeks DST Sponsored Training Course on “Land Use Planning, Management & Sustainable Development” Organized By Udai Pratap Autonomous College, Varanasi, U.P.
- Presented paper on “Environmental Protection: A way to Achieve Sustained Economic Development in Nepal” in an International seminar on” A Challenge for Democracy and Development in Nepal” held on Dec 17-18th, 2006 in BHU, Varanasi.

Research Grants

Grant of Rs. 4.0 Lakh

Other Achievements

M.Phil. dissertation supervised

- Title: “Indian Ocean: a Life - Line for South Asia”- M. Phil. degree awarded to Ms. Swati Raikhy (Reg. No. CUP/MPh-PhD/SGR/SCA/ 2011-12/04) in October 2013.
- Title: “Women’s Participation in Politics and Local Governance”- M. Phil. degree awarded to Ms. Mairu (Reg. No. CUP/MPh-PhD/SGR/SCA/2011-12/06) in November 2013.
- Title: “Water Consumption Pattern in Households of Urban South Asia: A Study of Bathinda City”- M. Phil. degree awarded to Ms. Amandeep Kaur (Reg. No. CUPB/MPh-PhD/SGR/SCA/2012-13/03) in 2014.
- Title: “Transboundary Implications of Damming River Brahmaputra and Response of Indian Government”- M. Phil. degree awarded to Mr. Mohd Hussain Naik (Reg. No. CUPB/MPh-PhD/SGR/SCA/2012-13/04) in 2014.
- Title: “Public Transport and Mobility in Urban South Asia (A Study of Bathinda City)”- M. Phil. degree awarded to Mr. Gaurav Kumar (Reg. No. CUPB/MPh-PhD/SGR/SCA/2012-13/16) in 2014.
- Title: “Hydro politics and emerging conflicts: A study of Central Asian water complexities”- M. Phil. degree awarded to Mr. Kuldip Singh (Reg. No. CUPB/MPH-PHD/SGR/SCA/2013-14/13) in 2015.
- Title: “Ethno-Nationalism in Sri Lanka: Its Political Implications on Indo-Sri Lanka Bilateral Relations”- M. Phil. degree awarded to Mr. Noushadali K (Reg. No. CUPB/MPh-PhD/SGR/SCA/2013-14/19) in 2015.
- Title: “Water in South Asia: Source of Conflict or Cooperation (A Study of Interstate water disputes in India) ”- M. Phil. degree awarded to Mr. Amandeep Singh (Reg. No. CUPB/Mph-PhD/SGR/SCA/2013-14/18) in 2015.

M.Phil. students enrolled (under Supervision) - 3

- Mr. Gopale Amarnath
- Mr. Bilal Ahmed
- Mr. Amritpal Singh

Ph.D. students enrolled (under Supervision) - 5

- Mr. Maninderjit Singh: Working on ‘Military Geography And Transformations: The Trajectory Of Colonial Punjab (1849-1947)’.
- Mr. Rajbir Singh: Working on ‘Child Labor in Agriculture: A Study of the Cotton Belt of Indian

Punjab’.

- Ms. Amandeep Kaur: Tentative title: ‘Slums in Malwa Region of Punjab: A Socio-Geographical study of Bathinda and Ludhiana Cities using GIS techniques’.
- Mr. Mohd Hussain Naik: Tentative title: ‘Watershed Management through Geospatial Techniques: A Socio-Geographical Study of Vishav Watershed’.
- Mr. Gaurav Kumar: Tentative title: ‘Wetland in Malwa region of Punjab: A study in socio-economic and geographical contexts’.

Administrative Responsibilities at Central University of Punjab:

- Officiating in-charge of Centre for Geography and Geology, Central University of Punjab since 20.07.2015 till date.
- Member of Academic and Administrative Committee of Centre for Geography and Geology.
- Member of Curriculum Development Committee of Centre for Geography and Geology.
- Member, Board of Studies for Centre for Geography and Geology, School of Environment and Earth Sciences, Central University of Punjab.
- Member, School Board of School of Environment and Earth Sciences, Central University of Punjab.
- Member, Board of Studies for Centre for Environmental Sciences and Technology, School of Environment and Earth Sciences, Central University of Punjab.
- Member, Board of Studies for Centre for South and Central Asian Studies, School of Global Relations, Central University of Punjab.
- Member, Board of Studies for Board of Studies of Centre for Sociology, Central University of Punjab.
- Officiating in-charge of Centre for South and Central Asian Studies, Central University of Punjab from April, 2013 to July, 2015.
- Chairperson, Board of Studies, Centre for South and Central Asian Studies, School of Global Relations, Central University of Punjab, 2014.
- Question Paper setting of M.Phil. and Ph.D. Coursework.
- Question Paper setting of M.Phil. and Ph.D. Coursework in Centre for South and Central Asian Studies from 2012 to 2015.
- Evaluation of Examination of M.Phil. and Ph.D. Coursework
- Member of Syllabus Committee for Ph.D. Course Work.
- Member of Syllabus Committee for M.A.
- Involved in various activities of Examination Cell of Central University of Punjab, Bathinda.
- Member, NAAC team, Central University of Punjab, Bathinda.
- Member, Placement Cell of Centre for South and Central Asian Studies.
- Member, Anti-ragging squad, Central University of Punjab, Bathinda.
- Coordinator, Competitive Examination Cell, Central University of Punjab, Bathinda.

- Member, Internal Complaint Committee regarding Sexual Harassment of Women in Central University of Punjab.
- Member, Earn While You Learn (EWYL) scheme, Central University of Punjab.
- Judged Debate competition and Essay writing Competition at university level.
- Organised distinguished lecture in collaboration with Ministry of External Affairs on 'India's Global Goal Perceptions and Prospects for 2020' delivered by Amb (Retd.) Shree Bal Anand in year 2014 in Central University of Punjab.
- Organised International Women's Day in year 2015 in Central University of Punjab.

Extracurricular activities:

- Participated in Poetry Recitation Competition during Hindi Pakhwada (14-28 September 2012) organized by Central University of Punjab, Bathinda.
- Won Second Prize in Shot put event during Sports and Athletic Meet 2014 in CUPB.
- Won third Prize in 50m race event during Sports and Athletic Meet 2014 in CUPB.
- Won Second Prize in Shot put event during 3rd Annual Sports & Athletic Meet 2015 in CUPB.
- Won third Prize in 50 m race event during 3rd Annual Sports & Athletic Meet 2015 in CUPB.

Collaboration