

Dr. PANKAJ KUMAR

Assistant Professor

Department of Geography

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Educational Qualification:

- 1 **Ph.D** in Geography from Department of Geography, Delhi School of Economics, University of Delhi, July 2013.
 - 2 **M.Phil** in Geography from Department of Geography, Delhi School of Economics, University of Delhi, 2006, **First Division (68.33%)**.
 - 3 **M.A.** in Geography from Department of Geography, Delhi School of Economics, University of Delhi, 2004, **First Division (61 %)**.
 - 4 **B.A (Hons.)** in Geography from Dyal Singh College, University of Delhi, 2001, **First Division (70.12 %)**.
 - 5 Higher Secondary from Govt. Boys Senior Secondary School No. 1, B-1 Janakpuri, 1998, New Delhi, **First Division (61 %)**.
 - 6 Secondary from M. S. Vidya Mandir, Siwan, Bihar, 1996, **First Division (66.4 %)**.
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Research Interest: Environment Geography/ Glacial Environment/ Mountain Tourism/ Remote Sensing and GIS and Land Use and Land Cover study.

Teaching Experience: 5 years and 5 months of Undergraduate teaching in Shaheed Bhagat Singh College, University of Delhi.

Technical Skills: Microsoft Office/ ArcView 3.2/ ArcGIS 10/ TNT Mips/ Map Info 4.5/ ERDAS Imagine 9.3.

Research Seminars Participated and Research Papers Presented:

National Seminar/Conferences

1. Participated in “**National Seminar on Resources and Regional Planning: Issues and Challenges**”, organized by Department of Geography, Delhi School of Economics, University of Delhi during December 4-5, 2003.
2. Presented a paper entitled “**Post Tsunami Tourism Development in Andaman and Nicobar**” in International Conference on Environment and Development: Challenges & Opportunities, conducted by Swami Shraddhanand College, University of Delhi, during March 4-6, 2005.
3. Participated in field survey entitled “**Emergence of Malls in Gurgaon**”, organized by Department of Geography, Delhi School of Economics, University of Delhi in Gurgaon District of Haryana during, April, 2005.
4. Participated and Paper presented in SHARP dissemination workshop entitled “**The Role of Public, Private and Civic sectors in Sustainable Environment Management : A Search for balance in Uttaranchal**” organized at Govt. P.G College, Uttarkashi on June 21, 2005.
5. Presented a Paper entitled “**Sustainable Mountain Tourism in Uttarkashi**” in International Conference of National Association of Geographers India (NAGI) held at Udaipur in March, 2008.
6. Presented a Paper entitled “**Dynamics of Mountain Tourism in Uttarkashi**” in National Association of Geographers India (NAGI) 30th Indian Geography Congress held at Allahabad in December 19-21, 2008.
7. Participated in “**DU-NERI (AU) Workshop on Atmospheric Science and Climate Change**”, organized by Department of Chemistry, University of Delhi on February 27-28, 2009.
8. Participated in ICSSR sponsored National Seminar on “**Urbanization and changing state of Environment**” organized by the Department of Geography, St. Xavier’s College, Ranchi on September 24 - 25, 2012.
9. Acted as Rapporteur in ICSSR sponsored National Seminar on “**Urbanization and changing state of Environment**” organized by the Department of Geography, St. Xavier’s College, Ranchi on September 24 - 25, 2012.
10. Presented a paper entitled “**Monitoring Snow Cover of Himachal Himalaya Using Remote Sensing and GIS**” in National Association of Geographers India (NAGI) 34th Indian Geography Congress held at Patna in November 2-4, 2012.

11. Presented a paper entitled “ **Inventory and monitoring of Glacial lakes in Himachal Himalaya using Spatial Information Technology**” in the **International Geographical Union (IGU) Conference on Geoinformatics for Biodiversity and Climate Change** organized by Department of Geography, Maharshi Dayanand University, Rohtak on March 14-16, 2013.
12. Acted as Rapporteur in the **International Geographical Union (IGU) Conference on Geoinformatics for Biodiversity and Climate Change** organized by Department of Geography, Maharshi Dayanand University, Rohtak during March 14-16, 2013.
13. Presented a paper entitled “ **GIS education and research in India**” in National Seminar on **Geographic Information Science Education: International and National Status** organized by Nainital Academic Staff College and Center of Excellence NRDMS, Department of Geography, Kumaun University, SSJ Campus, Almora on 1st December, 2013.

International/Foreign country participation

1. Singh R.B and **Kumar P.** “ **Monitoring snow cover of Northern Himachal Himalaya, India using geoinformatics**” in H-GG01 GLP Session of JpGU International Symposium 2013 in Makuhari Messe, Chiba, Japan during May 19-24, 2013.

Report Writing

1. A report entitled “**Shifting Pattern of Pollution Load in Delhi During Year 1990-2000**”, using GIS technique, submitted to Department of Geography, University of Delhi, in 2004.

Publication:

Papers in Journals (Published/Under review)

- Sahu N, Singh RB, **Kumar P**, Silva RV, Behera SK: La Niña Impacts on Austral Summer Extreme High-Streamflow Events of the Paranaíba River in Brazil, *Advances in Meteorology*, Vol. 2013, Article ID 461693, <http://dx.doi.org/10.1155/2013/461693>, **Impact Factor 1.23**, (Scopus), ISSN: 1687-9309.
- Kumar M, **Kumar P** and Tripathi DK : Urban growth and its Impact on Surface Temperature in Greater Mumbai district, Maharashtra- A Geographical Analysis using Geospatial Techniques, *ANNALS NAGI*, Volume XXXII, No.2, December 2012, pp 71-82. ISSN: 0970-972X.

- **Kumar P** : Spatio-temporal nature of Mountain tourism in Uttarkashi District, *ACCST Research Journal*, Volume VII, No.2, April 2009, pp 111-120. ISSN: 0972-7779.
- Singh RB and **Kumar P**: “Land Use/ Land Cover change in Himachal Himalaya”, in Himiyama Y. (eds.) *Land Use / Cover Changes in Selected Regions in the World*, Volume VII, IGU-LUCC Research Reports, Asahikawa, Japan (Under Publication).

Papers in Books (Published/Under review)

- Goel A, **Kumar P**, Mal S, Thakur S: “Post Tsunami Tourism Development in Andaman and Nicobar”, in *Environment and Development-Challenges and Opportunities* edited by Jagbir Singh, I.K International Pvt. Ltd., New Delhi, pp 351-359.
- **Kumar P** : “*Tourism and Mountain Environment: A Case Study of Uttarkashi District*”, in *Progress in Environmental Management- Indian Experiences* edited by Subhash Anand, Research India Press, New Delhi, pp 39-53.
- Singh RB and **Kumar P**: “*Geographic and Socio-Economic Realities of Himachal Pradesh, Northwestern Himalaya*” Chapter 2, in Singh RB and Hietala R (eds) *Livelihood Security in Changing Socio-Economic Environment in Northwestern Himalaya, India*, Springer, Tokyo, Japan (Under publication).
- **Kumar P** and Singh RB: “*Climate change, Glacier Lakes and Livelihoods*” Chapter 3, in Singh RB and Hietala R (eds) *Livelihood Security in Changing Socio-Economic Environment in Northwestern Himalaya, India*, Springer, Tokyo, Japan (Under publication).
- Singh RB and **Kumar, P**: “*Climate change and glacial lake outburst floods in Himachal Himalaya, India*”, in Singh M, Singh RB and Hassan MI (eds) *Climate Change and Biodiversity*, Volume 1, Springer, Tokyo, Japan (Under publication).

Publication of Book

- **Kumar P** (2013) *Sustainable Mountain Tourism*. Shivalik Prakashan, Delhi

Training and Internships

- Refresher course on “**Geographic Information Science and its Application**” organized by Nainital Academic Staff College, SSJ Campus Almora, 12th November-02nd December, 2013.
- Four Days Training on **Remote Sensing-GIS with TNTmips** Software for Livelihood of Himachal Pradesh, organized by Department of Geography, Delhi School of Economics, University of Delhi from 18-21 December 2013.
- Successfully completed 108th Orientation Programme conducted by UGC-Academic Staff College, Jamia Millia Islamia, from 9th April to 9th May, 2014.

Curriculum Development

- Prepared syllabus for FYUP-Semester III,IV,VII and VIII
- Part of Curriculum development committee for Uttarakhand Open University for B.A/BSc (Hons.) Geography.

Membership of Learned Body

- National Association of Geographer’s India (NAGI)
- Association of Geographical Studies (AGS),

Awards and Achievements

- 1 Secured **1st** rank in University in B. A. Geography (Hons.) IInd Year examination, conducted by Delhi University in 2000.
 - 2 Secured **2nd** rank in college in B. A. Geography (Hons.) IIIrd Year examination, conducted by Delhi University in 2001.
 - 3 Secured **1st** position in District Level Debate Competition organized on Independence Day Celebration 1988.
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Place: Delhi
Date:

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