

Name: Dr.Pramod Kumar Pandey

Designation: Assistant Professor

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Patna University, Ashok Rajpath, Patna -800005

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Niche Area of Research: Fluvial Geomorphology & Fluvial Sedimentology: Applications of Remote Sensing & GIS in Terrain Analysis; Provenance Characterization & Heavy Mineral Analysis; Regional Development.

Specialization- Physical Geography, Geomorphology, Remote Sensing & GIS,

Citation-38

Fellowship /Awards:

International – IX ICG Young Geomorphologist fellow, 2017.

National–

1- Junior research Fellowship-council of Scientific and Industrial Research (CSIR)

2- Junior and Senior research fellowship-University Grant Commission (UGC)

Academic Qualifications:

Dr.Pramod Kumar Pandey have passed Matriculation with distinction marks in English, Hindi & Biology and Higher Secondary with Mathematics, Physics and Chemistry from U.P. Board, Allahabad.

B.A.-University of Allahabad, First Division, 2004

M.A. (Geography) University of Allahabad, First Division, 2006

Certificate-Geoinformatics (Specialization-Geosciences), Indian Institute of Remote Sensing (IIRS)-Dehradun, A Grade, 2011.

D.Phil.-University of Allahabad, 2015

Doctoral Topic-[Geomorphology&Paleoclimate of Northeastern Chhotanagpur Plateau using Remote Sensing and GIS.](#)

Software's Skills: - ArcGIS, Erdas, SPSS

Teaching experiences:

- 1) Guest faculty, CMP (Post Graduate) College, University of Allahabad, 2015-2016.
- 2) Guest faculty, ADC (Post Graduate) College, University of Allahabad, 2016-2019.
- 3) Assistant Professor, Apex University. Jaipur 2021-2022
- 4) Guest Faculty, Bihar National College, Patna University 2022-2025
- 5) Assistant Professor, Department of Geography, Patna University from 29-4-2025 till today.

Membership:

- 1-Life time member of Indian Institute of Geomorphologists. Allahabad.
- 2- Life time member of Indian Society of Remote Sensing, Dehradun.
- 3- Life time member of Indian Society of Meteorology, Delhi.
- 4-Life time member of Allahabad Geographical Society. Allahabad

Publications:

1- Pandey, P.K. & Das, S.S. (2011); Digital Geomorphometry and Environment of Baraker –Usri Confluence and adjoining regions using Remote Sensing and GIS Techniques , National Geographer.

2- Pandey, P.K. & Das, S.S. (2012); Geospatial analysis of Regional Backwardness around Baraker river in Jharkhand. Demographic challenges and Regional Disparities in India, (edited book), Global Book Organization, New Delhi.

3- Pandey, P.K. & Das, S.S. (2015); Morphometric analysis of Usri river basin Chhotanagpur Plateau, India using remote sensing and GIS. , Arabian Journal of Geosciences.

4- Pandey, P.K. & Das, S.S. (2016): A Quantitative Geomorphic study of Barsati river Basin, Jharkhand India, International Journal of Geomatics and Geosciences.

5- Pandey, P.K. & Das, S.S. (2016): Application of morphometric analysis of Harhora Basin, Jharkhand India. International Journal of Advances in Remote sensing and GIS.

6- Pandey, P.K. (2017): Space technology and security issues of India, India's Security: Problem & Prospects (ed. book)

7- Pandey, P.K. (2017): Bhoogol ka Pariwartansheel Darshan(The Changing Philosophy of Geography) ; Ek Vishleshan, Samaj , Dharm evam Darshan

8- Pandey, P.K. (2017): Sudur samvedan evam bhaougolik suchana tantra : Prakritik evam samajik vigyan me Naveen takneek, Samaj , Dharm evam Darshan

9- Pandey, P.K. (2017): Digital elevation model generation and its application in terrain analysis through Cartosat stereo pair, National Geographer.

10- Pandey, P.K. (2017): Ankiya bimb evam trimiya ankiya uchhawach pratidarsh :Apwah Basinon ka adhyayan me upyog, Vigyan Parisad Anusandhan Patrika.

Communicated- Pandey, P.K. & Das, S.S. (2025): Dense mineral in the different geomorphic units of Barakar river: Evaluation of hinterland, Journal of the Geological Society of India.

Book: Space Technology in Spatial Science, Silver line Publications, Allahabad

Conferences:

1-Oral presentation at 4th International conference INDIAS 2010, University of Allahabad, 19-21 Sep 2010.

2- Oral presentation “Higher education in India.” I IRSA Allahabad, 12-13 NOV 2012.

3-Oral presentation“Lithofacies analysis of Barakar river basin,”XVIGI Allahabad, 22 Dec 2012.

4-Oral presentation Geospatial Analysis of regional backwardness of Giridih , Jharkhand, II IRSA conference, Varanasi, 11 Dec 2013.

5- Oral presentation “ A GIS based approach in drainage morphometric analysis of Usri river basin, India, XVIII IGI Shilong, 29-31 Oct 2015.

6-Oral Presentation in International conference “Variation of heavy minerals in different lithofacies and Geomorphic units of Barakar river Chhotanagpur plateau, India” 9th International conference INDIAS 2015, Allahabad, 24 Dec 2015.

7-Oral Presentation in International conference “A quantitative Geomorphic study of Barsati river Basin, India” 9th International conference INDIAS 2015, Allahabad, 24 Dec 2015.

8- Oral presentation “Terrain analysis of Barakar river basin, Jharkhand” XIX IGI Kolkata, 24-27 November 2016.

9- Oral Presentation “Development of Space Technology in India” RGSC seminar, Lucknow, 21 August 2016.

10-Presented paper in II National Geo-scholars meet, Dehradun, 17-20 May 2017.

11- Oral presentation at 9th International conference of Geomorphology (ICG) “Progress of Geomorphological Research in India in twenty first century” , Delhi , 6-11 Nov 2017.

Training Courses:

1-MaterialSynthesis, HP-HT Techniques and Use of Electron Microscopy, NCEMP, Allahabad