




## Faculty Details proforma for DU Web-site

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cc: [director@ducc.du.ac.in](mailto:director@ducc.du.ac.in))

Title	Dr.	First Name	PRAMOD	Last Name	KUMAR	Photograph
Designation		ASSISTANT PROFESSOR				
Address		Room No: 105, First Floor, USIC Building, Department of Geology, Centre for Advanced Studies, University of Delhi, Delhi: 110 007				
Phone No	Office	+91-11-27667073				
	Residence					
	Mobile	+91-9891007897				
Email		pramodiitb@gmail.com				
Web-Page						
<b>Educational Qualifications</b>						
Degree		Institution			Year	
Ph.D.		Indian Institute of Technology Bombay Thesis: Shell Bed Taphonomy, Palaeoenvironment and Sequence Stratigraphy of Early Miocene Sequence, Western Kutch, India			2009	
PG		Banaras Hindu University			2003	
UD		Banaras Hindu University			2001	
<b>Career Profile</b>						
# Assistant Professor, Department of Geology, Centre For Advanced Studies, University of Delhi, December 2009-present # Post-Doctoral Fellow under UGC-Dr. D. S. Kothari Fellowship scheme with Prof. Subir Sarkar, Jadavpur University, Kolkata. September 2009–December 2009.						
<b>Administrative Assignments</b>						
Examination coordinator for the Undergraduate Course, April-May 2010, Department of Geology, University of Delhi						
<b>Areas of Interest / Specialization</b>						
# Sequence Stratigraphy, Mixed Carbonate Siliciclastic System, Shell Concentration # Interested to work on the sequence stratigraphic interpretation in mixed carbonate-siliciclastic system, identification of key strata surfaces and parasequence boundary through integrated approach of sedimentology, shell concentration, micropaleontology and ichnology.						
<b>Subjects Taught</b>						
Stratigraphy, Paleontology, Coal and Petroleum Geology						
<b>Research Guidance</b>						
Ph. D. : Shubhendu Shekhar (2019) Ksh. Laxmi Rani Devi (on-going) M .Phil. : Avinash Shukla (2016) Nupur Rajkhowa (2018) Kaushalendra Chandra (2018)						
<b>Publications Profile</b>						
# Shekhar, S., Kumar, P., Chauhan, G., Thakkar M. G., 2019: Conservation and Sustainable Development of Geoheritage, Geopark, and Geotourism: a Case Study of Cenozoic Successions of Western Kutch, India. <i>Geoheritage</i> . 10.1007/s12371-019-00362-5. # Chakraborty, P.P., Sharma, R., Kumar, P., 2019: Earthquake-induced soft sediment deformation (SSD) structures from the Bilara limestone formation, Marwar basin, India. <i>Journal of Earth System. Science</i> , 128:162, pp. 1-16. (Doi:10.1007/s12040-019-1182-x). # Less, G., Frijia, G., Özcan, E., Saraswati, P.K., Parente, M., and Kumar, P., 2018: Nummulitids, lepidocyclinids and Sr-isotope data from the Oligocene of Kutch (western India) with chronostratigraphic and paleobiogeographic evaluations. <i>Geodinamica</i>						

Acta, V. 30, No. 1, pp.183–211.

# Shekhar, S., Shukla, A., and Kumar, P., 2018: Sedimentary Record of Forced Regression Along The Margin of Kutch Basin: Terminal Cenozoic Succession (Sandhan Formation), Western India. Jour. Indian Association of Sedimentologists, V. 35, No. 1, pp.23-35.

# Kumar, P., Saraswati, P.K., Banerjee, S. and Ghosh, A., 2016: Sequence Stratigraphic Analysis of a Shallow Marine, Mixed Carbonate-Siliciclastic System, Early Miocene, Kutch, India. Journal of The Geological Society of India, Special Publication, No.6, pp. 57-74.

# Kumar, P., Saraswati, P.K. and Banerjee, S. 2009. Early Miocene Shell Concentration In The Mixed Carbonate-Siliciclastic System of Kutch and their Distribution In Sequence Stratigraphic Framework. Journal of The Geological Society of India, pp. 432-444.

#### Conference Organization/ Presentations (in the last three years)

##### Conference Organization

- 7th Group Monitoring Workshop cum 8th meeting of Expert Committee for Young Scientist-Earth & Atmospheric Sciences: 26-27th July, 2018, Prof. L S. Chmayal (Chairman) and 11 expert members from various universities, 36 Principle Investigators participated.
- 'Advances in stratigraphy and geochronology of Indian sedimentary basins and Road ahead', 27<sup>th</sup> Feb, 2019 Under CAS III.

##### Conference Presentations

- Kumar, P. 2019: Report of planktonic foraminifera (*Cassigerinella sp.*) from Early Miocene: Indicating highest bathymetry in Cenozoic successions of western Kutch, India. **35<sup>th</sup> Convention of Indian Association of Sedimentologists. Abstract Volume Sagar, pp. 53-54.**
- Shekhar, S. and Kumar, P. 2019: Sequence Stratigraphic Interpretation of the post-Burdigalian Sandhan Formation, Western Kutch, India. **Recent Studies on the Geology of Kachchh Basin. Abstract Volume Kutch, p. 18.**
- Kumar, P. and Shekhar, S. 2019: Braided fluvial deposits and its shift in character within the basin: the upper part of the Sandhan Formation, Kutch basin. **Recent Studies on the Geology of Kachchh Basin. Abstract Volume Kutch, p. 26.**
- Shekhar, S., Kumar, P., Chauhan G and Thakkar M. G. 2019: Geoheritage, Geopark and Geotourism opportunity in the Cenozoic succession of Kutch, India. **Recent Studies on the Geology of Kachchh Basin. Abstract Volume Kutch, p. 100.**
- Kshetrimayum, L. D., Kumar, P., Rajkumar, H. S., 2018: Interpretation of depositional environment of Liasong Formation (Barail Group) Manipur, Indo-Myanmar Ranges. 105<sup>th</sup> Indian Science Congress, Manupur University Manipur, 16-20<sup>th</sup> March. Section: Earth System Sciences, **Poster Presentation.**
- Kumar, P. and Shekhar, S. 2016: Sequence Stratigraphic Interpretation of Terminal Cenozoic Succession of Kutch (Sandhan Formation), Western India. **35th International Geological Congress (IGC) Cape Town, South Africa. Abstract Volume, Paper No. 2609.**
- Shekhar, S., Kumar, P., 2016: Architectural Element and Paleohydraulic Analysis of Fluvial part of Sandhan Formation, Western Kutch, India. **National Geo-Research Scholars Meet, Wadia Institute of Himalayan Geology Dehradun. Abstract Volume, pp. 31-32.**
- Shekhar, S., Kumar, P., 2016: Conservation of Geoheritage Sites of National Importance: A Case Study from Western Kutch, India. **9<sup>th</sup> International Geographical Union (IGU) Conference on Land Use Change, Climate Extremes And Disaster Risk Reduction, Organized By Shaheed Bhagat Singh College, University of Delhi. Abstract Volume, Geopark potential of Southeast Asia-1, Technical Session 35.**
- Kumar, P., 2016: Sequence stratigraphic interpretation of Neogene succession of Kutch, western India. **33rd Convention of Indian Association of Sedimentologists with emphasis on energy resources and climate change. Abstract Volume BHU, pp. 102-103.**
- Shukla, A., Kumar, P., 2016: Sedimentary record of forced regression along margin of the Basin: Terminal Cenozoic succession of Kutch (Sandhan Formation) Western India. **33rd Convention of Indian Association of Sedimentologists with emphasis on energy resources and climate change. Abstract Volume BHU, pp. 164-165.**
- Kshetrimayum, L. D., Kumar, P., Rajkumar, H. S., 2016: Reappraisal of depositional environment of Liasong Formation (Barail Group) Manipur, Indo-Myanmar Ranges: Integrated analyses of sedimentological and trace fossils attributes. **33rd Convention of Indian Association of Sedimentologist. Abstract Volume BHU, pp. 19-20.**
- Chandra, K., Kumar, P., 2016: Facies and Fluvial Architectural Element Analysis of Upper Member of Bhuj Formation, Western Kutch, India. **33rd Convention of Indian Association of Sedimentologists with emphasis on energy resources and climate change. Abstract Volume BHU, pp. 21-22.**

Research Projects (Major Grants/Research Collaboration)
<p><b>Name of Project:</b> Tracking closure of passive margin sag-basin in western Kutch, India: Signature from Terminal Cenozoic succession (Sandhan Formation) through Sequence Stratigraphic Analysis  <b>Position in Project:</b> Principal Investigator  <b>Period:</b> 2015-2018 <b>(On-going)</b>  <b>Funding Agency:</b> Department of Science and Technology  <b>Grant:</b> Rs. 18.2 Lakhs</p> <p><b>Name of Project:</b> Micropaleontological and palynological analysis of Jenam Formation (Barail Group) Manipur, India  <b>Position in Project:</b> Project Investigator  <b>Period:</b> 2015-2016 <b>(Completed)</b>  <b>Funding Agency:</b> R &amp; D and Doctoral Research Program, University of Delhi  <b>Grant:</b> Rs. 2.5 Lakhs</p> <p><b>Name of Project:</b> Application of Palynology in establishing Incremental Shift in Depositional Environment and Age Constrains of Terminal Cenozoic Successions of Kutch, India  <b>Position in Project:</b> Project Investigator  <b>Period:</b> 2014-2015 <b>(Completed)</b>  <b>Funding Agency:</b> R &amp; D and Doctoral Research Program, University of Delhi  <b>Grant:</b> Rs. 2.2 Lakhs</p> <p><b>Name of Project:</b> Interpretation of Depositional Environments of Sandhan Formation, Kutch, India  <b>Position in Project:</b> Project Investigator  <b>Period:</b> 2013-2014 <b>(Completed)</b>  <b>Funding Agency:</b> R &amp; D and Doctoral Research Program, University of Delhi  <b>Grant:</b> Rs. 2.8 Lakhs</p> <p><b>Name of Project:</b> Facies tract analysis and shore-line shift during Upper Miocene to Pliocene succession of Sandhan Formation, Kutch, India  <b>Position in Project:</b> Project Investigator  <b>Period:</b> 2012-2013 <b>(Completed)</b>  <b>Funding Agency:</b> R &amp; D and Doctoral Research Program, University of Delhi  <b>Grant:</b> Rs. 1.5 Lakhs</p> <p><b>Name of Project:</b> Facies analysis and depositional environment of Bhuj Formation of Mesozoic succession, Kutch, India  <b>Position in Project:</b> Project Investigator  <b>Period:</b> 2011-2012 <b>(Completed)</b>  <b>Funding Agency:</b> R &amp; D and Doctoral Research Program, University of Delhi  <b>Grant:</b> Rs. 2.5 Lakhs</p> <p><b>Name of Project:</b> Characterization of shell concentration and sequence stratigraphic interpretation of Middle Eocene to Oligocene successions of Kutch, India  <b>Position in Project:</b> Project Investigator  <b>Period:</b> 2010-2011 <b>(Completed)</b>  <b>Funding Agency:</b> R &amp; D and Doctoral Research Program, University of Delhi  <b>Grant:</b> Rs. 2.5 Lakhs</p>
Awards and Distinctions
<p># Qualified for Council of Scientific and Industrial Research (CSIR-NET), Junior Research Fellowship and Lectureship, December 2002.  # Qualified for Graduate Aptitude Test in Engineering (GATE) Geology and Geophysics, 2003.  # Recipient of ONGC merit scholarship during Master's degree (2001-2003).</p>
Association With Professional Bodies
<p><b>Reviewing</b>  Journal of The Geological Society of India,  Journal of Earth System Science,  Arabian Journal of Geosciences,  International Journal of Advancement in Earth and Environmental Sciences</p>

**Memberships**

Member of American Association of Petroleum Geologists (AAPG), Society of Sedimentary Geology (SEPM), Geological Society of America (GSA), Association of Petroleum Geologists (APG) India, and Society of Exploration Geophysicists (SEG).

**Other Activities**

# Faculty Advisor of American Association of Petroleum Geologists (AAPG) Student Chapter, Delhi University.

# Organized Mars Rover Exhibition, TECHFEST '06-Annual Technical Festival of IIT Bombay.

# Seminar coordinator of Research Scholars' Forum (RSF) IIT Bombay, 2006-07.

# Member Secretary, Research Scholars' Forum (RSF) IIT Bombay 2005-06.

Signature of Faculty Member

- You are also requested to also give your complete resume as a DOC or PDF file to be attached as a link on your faculty page.