




RAM LAL ANAND COLLEGE (University of Delhi)

Faculty Details



Titl e		First Name	PRABHA S	Last Name	PANDE	Photograph
Designation	Assistant Professor					
Address	40-C, Mayakunj Near Shadley Public School Mayapuri New Delhi-110064					
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Web-Page						
Educational Qualifications						
Degree	Institution				Year	
PhD	University of Delhi				1989	
MPhil	University of Delhi				1984	
MSc	University of Delhi				1981	
Career Profile						
<ul style="list-style-type: none">• Research Associate (Council of Scientific & Industrial Research, 1st May, 1989 to 30th April, 1994)• Pool- Officer (13th December, 1995 to 12th December, 1998)• Research Associate (Department of Science & Technology Project, May, 2000 to December, 2003)• Assistant Professor (Guest, Sept 2003 to October, 2005 & July, 2006 to April, 2007)• Assistant Professor (ad-hoc, 1st November, 1999 to 30th April, 2000 & 17th October, 2005 to 30th April, 2006)• Visiting Faculty to teach B. Tech. in Civil Engineering (October, 2000 to July, 2007) Delhi College of Engineering, University of Delhi• Taught various courses like “Introduction to Science & Technology” and Post Graduate Diploma In Environment & Sustainable Development” at IGNOU Centre at RLA College (2008 to 2010)• Assistant Professor (Guest, July 2006 to January, 2007)• Assistant Professor (8th January, 2007 to till date)						
Administrative Assignments						
Teacher in Charge for about 7 years Convener, Time Table Committee for last 4 years Convener, North East Committee for the last three years Coordinator, Disaster Mitigation Centre for the last two years						

Member, Research Committee for the last two years
Member, Infrastructure & High power purchase Committee (2009-10 & 2010-11 session)
Member, Building cum Infrastructure committee since 2016-17 session

Areas of Interest / Specialization

Three major palaeochannels of the Saraswati River system have been identified based on digital remote sensing techniques along with hydrogeological routing and stream network generation from DEM. This occurrence below surface sand cover is roughly at a depth of 6-13 m. and it has been concluded that channels were last active between 6 and 3Ka BP, when they supported the archeological settlements (Mehdi et al., 2016). Studies on Saraswati River and Harrappan civilization have suggested that climatic change and tectonics were responsible for changes in the river system and evolution of early settlements. Proposed study of micr-fossils as proxies for response to these climatic fluctuations, during the Holocene periods, in already available core samples, will lead to the significant evidences for above mentioned changes.

Subjects Taught

Earth System Science
Paleontology
Stratigraphy
Earth & Climate

Research Guidance

Many undergraduate students were motivated and guided under three innovation research projects awarded by University of Delhi

Publications Profile (Books/Chapters/Research articles, etc.) (Last 10 publications)

- 1) Identification of palaeochannel configuration in Saraswati River basin in parts of Haryana and Rajasthan, India, through digital remote sensing and GIS” S.M. Mehdi, N.C. Pant, H.S. Saini, S.A.I Mujtaba, Prabhas Pande. Episodes: International Journal of Geoscience, 39(1), 29-38 (2016, 0705-3797)
- 2) Effect of idol immersion on water quality of Yamuna River in Delhi and its potential influence on ground water quality. Sarbari Nag & Prabhas Kumar Pande, Indian Journal of Geo-marine sciences 44(10), 1545-1553 (0379-5136)
- 3) A Record of Rotaloid Foraminifera from the Upper Permian-Lower Triassic rocks of Kashmir, India. Prabhas Kumar Pande & S.P. Sharma. Momona Ethiopian Journal of Science (MEJS), 7(2), 191-202 (2015, 2220-184X)
- 4) Microbiological and Physico-Chemical Quality of Groundwater at a Resettlement Colony, Madanpur Khadar in Delhi, India. J. Kaur, S. Kaur, V. Dashora, Y. Chaudhary, P. Nijhawan, S. Saini, M. Dabas, K. Sharma, R. Aggarwal, V. Gupta, R. Singh, P. Pande, S. K. Sharma, S. John, R. K Gupta. DU Journal of Undergraduate Research and Innovation, 1(3), 26-38,(2015, 2395-2334)
- 5) Nodular features from Proterozoic Sonia Sandstone, Jodhpur Group, Rajasthan: A litho-biotectonic perspective. Vikash Anand, Arvind Singh, Prabhas Pande & Partha Pratim Chakraborty. Journal of Earth System Science, Indian Academy of Sciences, 122(2), 309–320, (2013, 0253-4126)
- 6) Massive volcanism at the Permian–Triassic boundary and its impact on the isotopic composition of the ocean and atmosphere. Christoph Korte, Prabhas Pande, P. Kalia, Heinz W. Kozur, Michael M. Joachimski and Hedi Oberhänsli. Journal of Asian Earth Science, Elsevier, 37 (4), 293-311 (2010, 1367-9120)
- 7) Early Palaeocene Planktonic Foraminiferal Assemblages and Biostratigraphy, at Site 237, Central Western

Indian Ocean. Prabha Kalia & Prabhas Pande. Journal of Palaeontological Society of India, Lucknow, 47, 1-15 (2002)

8) Permian foraminifera from Eastern Himalaya and their Palaeobiogeographic significance. Prabha Kalia, Prabhas Kumar Pande & Trilochan Singh. Alcheringa: An Australian Journal of Palaeontology, Vol.24, 207-227(2001,)

9) Upper Permian-Lower Triassic nodosarid foraminifera from Guryul ravine and the spur three Kms. North of Barus, Kashmir, India. P. K. Pande & Prabha Kalia. Neues Jahrbuch fur Geologie und Palaontologie, Germany, 191(3), 313-329 (1994, 0077-7749)

10) Probable fossils from Alwar quartzite, Aravalli range, India. Prabha Kalia, Rajeev J. Bhagwat, Amit Banerjee, Prabhas K. Pande & Vandana Trivedi. Current Science, Bangalore. 62(5), (1992; 0011-3891)

Conference Organization/ Presentations (in the last three years)

1) Participated in two days brain storming meet on “ Rejuvenating Indian Palaeontology & Establishing a national Earth Museum” and presented a talk on “ Major Issues in Earth Science Education-Solutions” organized by Indian national Science Academy (INSA) & University of Delhi (10-11 September, 2018)

2) Participated in 4th National Conference on Science and Geopolitics on Himalaya-Arctic-Antarctic (SaGHAA) (2017, JNU, New Delhi)

3) Organized Interactive workshop on “Distribution, Exploration and Optimization Techniques in Petroleum Production” under competence building Program (11th March, 2017, RLA College)

4) Attended Bhujal Manthan-2 on “Aquifer mapping and groundwater management” organized by Central Ground Water Board, Ministry of water Resources, River Development & Ganga Rejuvenation, Govt. of India (29th November, 2016, Vigyan Bhavan, New Delhi)

5) Attended a workshop on “ Palaeochannels-Evolution and Groundwater Prospects” organized by Central Ground water Board (16th June, 2016, CSMRS, New Delhi)

Research Projects (Major Grants/Research Collaboration)

1. RLA-205: Delineation of Groundwater potential and potable quality in and around South Campus (University of Delhi) ridge area, PI's: Dr. Prabhas Kumar pande, Dr. Rakesh Kumar Gupta & Dr. Vandana Gupta, UNIVERSITY OF DELHI INNOVATION PROJECT, Rs. 10 lacs

2. RLA-201: Seismic Vulnerability Assessment of East Delhi and Mitigation Model based on Fuzzy Logic, PI's - Dr Prabhas Kumar Pande, Mr. Rajesh Sachdev & Dr. Seema Gupta, UNIVERSITY OF DELHI INNOVATION PROJECT, Rs. 4.50 lacs

3. RLA-306: Geotourism Potential of Kumaon region of Uttarakhand- a great business opportunity for young entrepreneurs and inherent economy growth of the region, PI's – Dr. Prabhas Kumar Pande, Dr Sarbari Nag & Mr. Rajesh Sachdev, UNIVERSITY OF DELHI INNOVATION PROJECT, Rs. 5 lacs

Awards and Distinctions

1) Nominated by DST as a member of selection committee meeting for CV Raman International Fellowship for African Researchers 2016-17 (24th November, 2016)

2) received University Post-graduate Merit scholarship throughout the M.Sc. course (1978-1981)

3) Received Engineering & Technology Fellowship (UGC) for research (1981-1984)

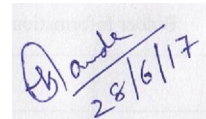
4) Received CSIR Fellowship for research (1984-1989)

Association With Professional Bodies

- Fellow, Geological Society of India, Bangalore, India (Registered)
- Founder member of TAKSHILA ARTS, a Delhi based social & cultural organization involved in dramatics, promotion of environmental awareness, conducting eye camps and on-the-spot painting competitions on specific issues.
- Founder Member of “TRINETRA”, a society of Uttaranchal people, engaged in activities related to Hill development (Registered)
- Elected General Secretary of DuAI- Delhi University Alumni Association (Registered)

Other Activities

Outreach activities with aim of popularizing geoscience among school children through the students involved in activities of Geology Department Society, RLA college.



A handwritten signature in blue ink, appearing to read 'A. K. Anand', with the date '28/6/17' written below it.

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.