




RAM LAL ANAND COLLEGE
(University of Delhi)



Title	Dr.	First Name	RAVISH	Last Name	LAL	Photograph
Designation	Assistant Professor					
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Educational Qualifications						
Degree	Institution				Year	
PhD	University of Delhi				2017	
MSc Geology	Hansraj College, University of Delhi				2009-2011	
B.Sc. (Hons) Geology	Hansraj College, University of Delhi				2006-2009	
Post-Doctoral Fellow	Indian Institute of Science Education and Research (IISER), Mohali, Punjab				Feb 2018 to Jan 2019	
Career Profile						
<ol style="list-style-type: none">1. Assistant Professor - since 2019 Department of Geology, Ram Lal Anand College, University of Delhi.2. Postdoctoral Research Fellow (PDF) at Indian Institute of Science Education and Research (IISER), Mohali, Punjab – Feb 2018 to Jan 20193. Senior Research Fellow (SRF) at the Department of Geology, University of Delhi – 2013-20164. Junior Research Fellow (JRF) at the Department of Geology, University of Delhi – 2011-2013						
Academic/Administrative Assignments						
<ol style="list-style-type: none">1. Co-convener, Department of Geology Admission Committee, Ram Lal Anand College, University of Delhi, Session 2023-242. Convener Help Desk Committee (Admission)Teacher In-charge, Geology Department, Ram Lal Anand College, University of Delhi, Session 2020-21.3. Co-convener IT Infrastructure Committee for the session 2022-23 and 2023-24.4. Co-convener Water Management (Recycling, Safe Drinking Water, Conservation, STP) Committee for the session 2023-24.5. Convener, Department of Geology Admission Committee, Ram Lal Anand College, University of Delhi, Session 2020-21.6. Member, Building cum infrastructure committee, Session 2019-20; 2020-21 and 2021-22, Ram Lal Anand College, University of Delhi.						

7. Student Society In-charge, Department of Geology, Ram Lal Anand College, University of Delhi, session 2020-21.
8. Member, Career Counselling Committee, Ram Lal Anand College, University of Delhi, Session 2020-21 and 2021-22.
9. Member, College Timetable Committee, Session 2019-2020 and 2020-21, Ram Lal Anand College, University of Delhi.
10. Member, Alumni Committee, Session 2019-2020, Ram Lal Anand College, University of Delhi
11. Member, Eco Club, session 2019-20, Ram Lal Anand College, University of Delhi.
12. Coordinator, Practical Examination, Session 2020-21, Ram Lal Anand College, University of Delhi.

Areas of Interest / Specialization

Quaternary landscape evolution of Ladakh Himalaya,
 Geochemistry of sedimentary archives,
 Provenance study through heavy minerals,
 Landuse and landcover mapping through Remote Sensing and GIS and
 Geoarchaeological studies in the Central Narmada Valley to unravel the past human climate interaction.

Subjects Taught

Geomorphology
 Remote Sensing & GIS
 Sedimentary Petrology
 Environmental Impact and Risk Assessment

Research Guidance

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

1. Lal, R., Padhan, T., Chauhan, P.R., Patnaik, R., 2021. New Field Observations on the Quaternary Geology and Vertebrate Paleontological Occurrences in the Narsinghpur Region of Narmada Valley (Central India) Quaternary Geoarchaeology of India. Geological society of London 2022.
2. Lal R, Pant, N.C, Saini, H.S and Mujtaba, S.A.I, 2019. Timing, climate and provenance of Spitik lake deposit, Indus valley, Ladakh Himalaya, India. (Geoscience Frontiers (2018), <https://doi.org/10.1016/j.gsf.2017.12.016>).
3. Mujtaba, S.A.I, Lal R, Saini, H.S and Pant, N.C, 2017. Evidence of Formation and Breaching of Two Palaeo-lakes around Leh in Upper Indus Valley during Late Quaternary. Geological society of London Vol SP462, ISSN No. 03058719 <https://doi.org/10.1144/SP462.3>.
4. Saini, H.S, Pant, N.C, Lal, R and Mujtaba, S.A.I, 2015. Increasing hydrological hazards in the Himalayas: defence lies in integrated scientific preparedness Current Science, ISSN 0011-3891, Vol 108, Page No 765, 10 March 2015.
5. Khan, A.A, Pant, N.C, Lal, R and Joshi, R, 2015. Critical Evaluation and Assessment of Average Annual Precipitation in the Indus, The Ganges and The Brahmaputra Basin, Northern India Book Chapter Springer 2015 ISBN: 978-3-319-13742-1.

Conference Organization/ Presentations (in the last three years)

Paper presented in the International Conferences

1. Participated in the International conference “**Goldschmidt 2020**” as the session and presented a paper on “Deciphering the Provenance, Climate and Tectonic Settings of High-Altitude Quaternary Deposits in Ladakh-NW Himalayas” which was held from 21st- 26th June 2020.
2. Participated in the International conference “**Goldschmidt 2020**” as Convener of the session and presented a paper on “Deciphering the Provenance, Climate and Tectonic Settings of High-Altitude Quaternary Deposits in Ladakh-NW Himalayas” which was held from 21st- 26th June 2020.
3. Participated in the International conference “**INQUA 2019**” and presented a paper entitled “Studying Quaternary sedimentation, paleontological occurrences and their site conservation through remote sensing and field observations in central Narmada basin, India” held at Dublin, Ireland
4. Participated in the International conference “**INQUA 2015**” and presented a paper entitled “Provenance study as an indicator of the rapid climate tectonic interaction during Late Quaternary- a case study from the Spituk deposit, Ladakh, India” held at Nagoya, Japan.
5. Participated in the International conference “**XII ISAES 2015**” and presented a paper entitled Evidence of formation and breaching of two Palaeolakes around Leh in upper Indus Valley during Late Quaternary” held at Goa.

Paper presented in the National Conferences

1. **XXVII Convention of Indian Association of Sedimentologists 2011** held in Delhi. (Oral)

Kumar, S, **Lal, R**, Shekhar, S., Assessment of existing Groundwater draft and annually replenishable groundwater resource in active flood plain of river Yamuna in Delhi stretch.

2. **National Conference on Geology and Georesources of Himalaya and Cratonic Regions of India 2012** held at Nainital, Uttarakhand. (Oral)

Lal, R, Pant, N.C., Khan, A.A., Sea level fluctuations- contributions from the Himalayan Cryosphere.

3. **National Conference on Himalayan Glaciology (NCHG-2014)** held at Shimla, HP (Poster)

Khan, A.A, Pant, N.C., **Lal, R**,. Assessment and Analysis of Average Annual Precipitation of the Indus, The Ganges and The Brahmaputra Basin, India.

Research Projects (Major Grants/Research Collaboration)
Awards and Distinctions
<ul style="list-style-type: none"> • National Eligibility Test (NET) for Lectureship in Earth and Planetary Science Awarded by University Grant Commission (UGC), Government of India, 2010. • <i>Junior Research Fellowship (JRF), in Earth and Planetary Science</i> Awarded by Council of Scientific and Industrial Research (CSIR), Government of India, Sep`2011-Sep`2013 • <i>Senior Research Fellowship (JRF), in Earth and Planetary Science</i> Awarded by Council of Scientific and Industrial Research (CSIR), Government of India, Oct`2013-Oct`2016 • Qualified <i>Graduate Aptitude Test (GATE)</i> 2011 awarded by Indian Institute of Technology, India.
Association with Professional Bodies
<ol style="list-style-type: none"> 1. Member, International Association of Sedimentologists (IAS) 2. Course Coordinator, IIRS-ISRO Outreach Programme.
Other Activities
<ol style="list-style-type: none"> 1. Geoarchaeological course organized by “Bolgar International Archaeological Field School” from 20th August to 02nd September 2018 at Bolgar State Historical and Archaeological Museum-Reserve, Republic of Tatarstan, Russia. 2. Summer School on “Dates and Rates in the Quaternary” from 21st to 27th August 2016 in Blankenheim, (near Cologne, Germany) organized by the Department of Geosciences, University of Cologne, Germany. 3. Training on “Quaternary Geology and Climate Change” Sponsored by Department of Science and Technology (DST), New Delhi 6th -19th January 2014 held at Department of Geology, University of Pune, Pune – 411007, Maharashtra, India 4. Training on “Application of Remote Sensing and GIS in Mineral Exploration” from March to April 2013 organized by Geological Survey of India (GSI), Hyderabad in Collaboration with Indian Space Research Organization (ISRO), Ahmadabad, Gujrat, India. 5. Workshop on “Quaternary setup of Arid NW Himalaya: Main Focus on Ladakh” from August to September 2012 organized by Wadia Institute of Himalayan Geology (WIHG) an autonomous Institution of Department of Science & Technology (DST), Government of India, Dehradun, Uttarakhand, India. 6. Participated in Three Day National Level Training Programme on “Coastal Disaster Risk Reduction & Resilience” from 17 to 19 June 2020 conducted by the National Institute of Disaster Management in collaboration with Andhra Pradesh Human Resource Development Institute, Bapatla, Guntur District. 7. Participated in the e-Training on “Fundamentals of Mineral Prospecting and Exploration” conducted by NCMT Division of Geological Survey of India Training Institute, Hyderabad from 13.07.2020 to 15.07.2020.

8. Training certificate on “Concepts of **Landslide, Active Fault Mapping and Seismic micro-zonation studies and their application**” conducted by RTD, CR, GSITI Nagpur from 24.05.2021 to 29.05.2021.
9. Participated in the e-Training on “Refresher Training on **Concepts of Quaternary Mapping**” conducted by RTD, CR, GSITI Nagpur from 31.05.2021 to 04.06.2021.

Field visit

1. Field visit to Pyroclastic deposits in Cologne organized by the Department of Geosciences, University of Cologne, **Germany** 2016.
2. Field visit to the GSSP candidate section for the Lower-Middle Pleistocene Boundary on Yoro River (Chiba Section) from 24 August 2015 organized by the Institute of Environmental Geology, **Chiba, Japan**.
3. Field visit to **Ladakh** in the Upper Indus Valley along the collision zone between India and Asia plate boundary in 2012, 2013 and 2015 for research activities.