



STAY AMIDST NATURE & LEARN GEOLOGY

**HELP LOCAL
COMMUNITY
-THE REAL
CUSTODIANS OF
GEOHERITAGE**

Come for a unique experience at a Geo-excursion Site managed by local villagers under the guidance of experts from Ram Lal Anand College, University of Delhi



HIMALAYAN GEOEXCURSION SITE

Plan your geological field work in the Lesser Himalaya and explore a newly discovered Geo-site near Almora, Uttarakhand.

The site has been developed under a project sanctioned and funded by NMHS, Ministry of Environment, Forest & Climate Change.



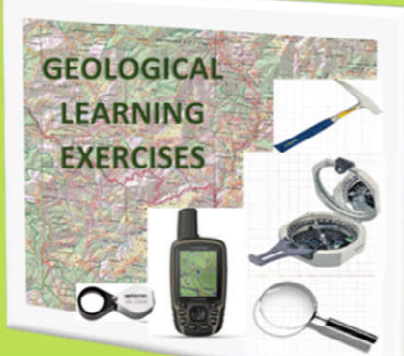
About Us...

We are a group of academicians from Ram Lal Anand college, University of Delhi, dedicated towards protection of Geoheritage and creation of additional employment opportunities through sustainable geo-tourism in the remote Himalayan villages of Kumaon region in the Indian state of Uttarakhand.

Our Belief...

The only way to protect GEOHERITAGE is to hand it over to the stakeholders in a sustainable manner.





STRUCTURAL GEOLOGY

BASIC FIELD GEOLOGY

GEOLOGICAL MAPPING

GEOMORPHOLOGY

PETROLOGY

MINING GEOLOGY

- Toposheet and its usage in the field work
- Practicing Brunton compass, geological hammer, hand lens & GPS
- Collection and record of geological data and sampling

- River cross-section and discharge measurement
- Terrace and depositional analysis
- Fluvial landforms and processes
- Geomorphic unit mapping

- Identification & Measurement of
 - Planar & linear features
 - Structures (Folds, Faults and Joints)
 - Stratigraphic correlation

- Identification of rocks, minerals and sampling techniques
- Making of lithologs
- Identification & marking of lithological contacts
- Mapping Techniques

Site Location 12 km. North East of Almora on SH6 (NH309)



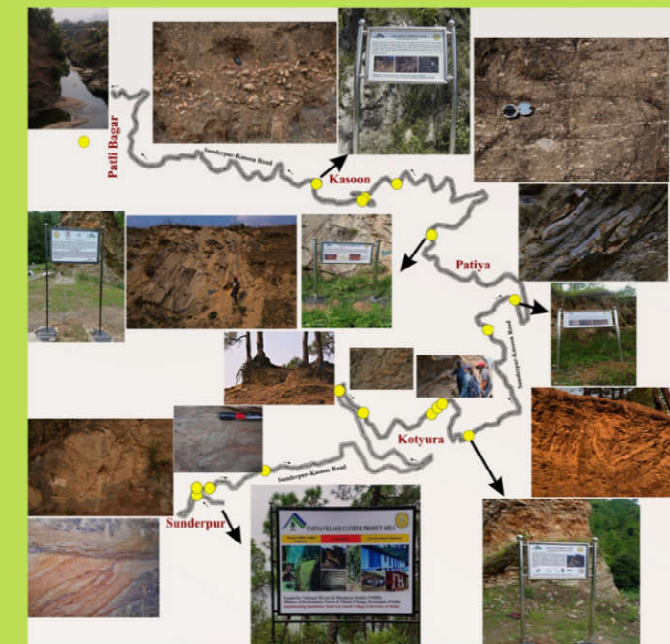
Regional Geology

ALMORA NAPPE, A THICK PILE OF METASEDIMENTARIES AND GRANITES REPRESENTING CENTRAL CRYSTALLINES. VALDIYA (1980) DESIGNATED SARYU FORMATION, GWALIKHET FORMATION AND CHAMPAWAT GRANITOID AS THE ALMORA GROUP, AND THE LOWER NATHUWAKHAN FORMATION AND RAMGARH (DEVGURU) PORPHYRY AS RAMGARH GROUP.

There are several spots enroute Kathgodam to Almora to see some some rare geological features that will enrich one's experience and knowledge. In addition, one can also visit some important Geological locations in the vicinity that can be seen in the following traverses:

1. NAINITAL – BHOWALI – BHIMTAL SECTION
2. BHOWALI -- KHAIRNA – ALMORA SECTION
3. NAINITAL – JEOLIKOT – RANIBAGH SECTION

The geo locations in the developed site are spread across a cluster of five villages and falls in the physiographic-cum-geological unit of the Lesser Himalaya.



ACCESSIBILITY

Well connected with road and rail (till Kathgodam).
Located off the tourist trail in the Almora district
amidst picturesque villages having traditional
Kumaoni houses.

SUPPORT SERVICES

- Basic Tools like Brunton compass, Geological hammers, Topo-sheets, Geological maps etc.
- Camping tents & accessories
- Local Field guides
- Scientific Literature & Excursion Guide
- Transport (on demand and chargeable)



KNOWLEDGE SPREAD

Web site along with booking management and geological information, supported by mechanism to upload additional information by the geotourists for further enrichment.

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Sustainable Tourism

✓ NATURE FRIENDLY

Sustainable venture with zero adverse impact on ecosystem ensuring positive impact on local economy

✓ GREAT LEARNING

- Overview of the Himalaya
- Understanding the Lesser Himalaya
- Unique place to learn basics of Geology
- Several nearby geological places of interest (glaciers, lakes, mountains, valleys etc.)

✓ EXCELLENT LOCATION

- Rustic and simple houses with traditional elements
- Warm hospitality by the host families
- Homestays are accessible by pathways ensuring complete serenity

COMFORTABLE & AFFORDABLE STAY

Heritage Houses



Breakfast and dinner included- Kumaoni food on demand - Clean drinking water from taps and Springs -WC and Indian toilets - Bathrooms with geysers -Internet accessibility

Interior comforts



Rare Experience

Jhironi
Magnesite
Mine,
Almora

People

Kumaoni Culture

Wildlife & Activities

ADDITIONAL ATTRACTIONS

ALMORA

A peaceful retreat in the
lap of the Himalaya

Almora, a picturesque town set against the backdrop of snow-capped Himalaya, is located on a ridge at the southern edge of the Kumaon Hills of the Himalayan range. Rivers Kosi and Suyal flow along the city.

Once the capital of Chand dynasty rulers, Almora is known for its rich cultural heritage, unique handicrafts, organic products and delicious cuisines

The town is surrounded by dense forests of pine and fir trees and supports a dense biodiversity (Binsar wild life sanctuary).

Almora's charm lies in its serene environment, cultural richness and the opportunity it provides for both spiritual seekers and nature enthusiasts.

Kasar Devi Temple



Jageshwar Group of Temple



Katarmal Sun Temple



Lakhudiyar Cave Paintings

