



Department of Geology

Shaheed Himayun Muzzamil Memorial – Govt. Degree College Anantnag

Khanabal, Anantnag - 192101



No: Geol/25/39

Date: 17/10/2025

GEOLOGICAL (EXPERIENTIAL LEARNING) FIELD-TOUR

REPORT

The Department of Geology at Shaheed Himayun Muzzamil Memorial-Government Degree College Anantnag conducted a geological (experiential learning) field-tour for the 1st and 3rd semester geology major/minor students on 16-10-2025, as a requirement prescribed in the syllabus. Geology is a field-based subject and the students got an opportunity to study landforms, erosional and depositional features, additionally, the students learnt the handling of Clinometer and Brunton compass for measuring dip and strike, and representation/plotting of field-data. Moreover, the students also learnt the identification of various sedimentary structures, grain size distribution, and, features and evolution of the landscape.



The field -party comprising of 35 registered students from the department of geology and 4 staff-members from the college (lists attached herewith) left the college for the mountainous outcrops towards Daksum area (Larnoo Tehsil of Anantnag District) at 09:00 AM. The description of the field-stops where the studies were done is as under:

- (1) Limestone quarry along the highway towards Daksum: Here, the students studied the thick and massive limestone outcrops exposed in a quarry. The limestone (possibly of the Triassic age) was identified by chemical analysis (effervescence). The limestone also showed the presence of cavities, vugs and depositional features (drapes) formed in the caves. The students also studied the fractures, fissures and veins in these limestones.
- (2) Daksum mountain slopes-I: In this area, along the upslopes of Bringi River, the students identified the contact between the sedimentary and metamorphic rocks in the area. The students also learnt to identify Phyllite on the basis of its megascopic properties. The students were appraised about the evolution of the landscape, and the formation of River Terraces. The students identified 4 terraces, thus indicating at least 4 stages of tectonic

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upliftment. The students were also made to understand the evolution of V-and-I-Shaped valleys.

- (3) Daksum mountain slopes-II: In this area, along the upslopes of Bringi River (ascending further up), the students were appraised about the identification of the flow direction of river (water channel) with the help of imbrication on the rock record. Imbrication is planar fabric dipping upstream, and the students were appraised about the hydrodynamic behaviour of the sediments in the flow and the establishment of imbrication.



- (4) Badhiyad sedimentary outcrop: Here, the students learnt to measure the strike and dip of the sedimentary rocks, and also plotted the data employing both azimuth and quadrant methods for the structural analysis and synthesis. The students also performed sedimentological analysis so as to understand the grain-size distribution.
- (5) Limestone quarry (along Kokernag-Acchabal Highway): In this quarry, the limestone outcrops (possibly of Carboniferous age) are beautifully exposed, the limestones show typical carbonate-rock porosity and additional features, which were documented and

Signature
17/10/2025



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Khanabal, Anantnag – 192101



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observed by the students. Additionally, the students also learnt to identify characteristic carbonate rock features, like – elephant-skin-weathering. The students also observed and identified bioturbation. Interestingly, a good fossil assemblage comprising of bivalves and pelecypods was also documented and recovered from the site to add to the collection of the Geology Museum.



The field-work concluded with the return of the field-party back to the college at 04:30 pm.

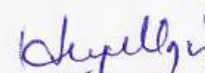
Report submitted to: Principal, SHMM-Govt. Degree College Anantnag

Report drafted by:


17/10/2025
Dr Naveen Hakhoo

AP and HoD, Geology

HOD Geology
Shaheed Himayun Muzzamil Memorial
Govt. Degree College Anantnag


17/10/2025
Dr Mohd. Azhar
AP, Geology

GEOLOGY DEPARTMENT – SHMM-GDC ANANTNAG

FINAL LIST OF STUDENTS ACCOMPANYING THE GEOLOGICAL (EXPERIENTIAL) FIELD TOUR ON 16-10-2025

ATTENDANCE of 1st sem. Students (Major) enrolled for fieldwork.

S No.	Name (Roll No)	Mobile No.	Morning	Afternoon	Evening
01.	Bisma Bashir (707)		P	P	P
02.	Sahreena Jan (708)		P	P	P
03.	Shakir Mushtaq (711)		P	P	P
04.	Sharif Manzoor (701)		P	P	P
05.	Paseen Ahmad Dar (705)		P	P	P
06.	Murtaza Yaqoob (706)		P	P	P
07.	Ansar Bashir (709)		P	P	P

On returning to
College at 4:30
Pm

ATTENDANCE of 1st sem. Students (Minor) enrolled for fieldwork.

S No.	Name	Mobile No.	Morning	Afternoon	Evening
01.	Mohsin Gulzar (1008)		P	P	P
02.	Sufaan Bahir (1159)		P	P	P
03.	Jasira Javaid (1154)		P	P	P
04.	Sadaf Ashraf (1158)		P	P	P
05.	Irshad Ahmad (1210)		Absent	Absent	Absent
06.	Simran Azad (2571)		P	P	P
07.	Fahid Manzoor (2572)		P	P	P
08.	Aadil Salam (1186)		P	P	P
09.	Ishtiyag Khursheed (1187)		P	P	P
10.	Samim Mukhtar (1188)		P	P	P (Brakporu)
11.	Faizan Ahmad Wani (2570)		P	P	P
12.	Saqib Ashraf (916)		P	P	P
13.	Mohsin Showkat (512)		P	P	P
14.	Muneeb Manzoor (1171)		P	P	P (At-Bypan)
15.	Rounaq Javid (919)		P	P	P
16.	Hazik Sajad (1152)		P	P	P
17.	Tabish Ashraf (C211)		Absent	Absent	Absent
18.	Owais Shafi		Not eligible to participate		
19.	Qurat Ul Ain (2574)		P	P	P
20.	Sahreena Fairoz (2575)		P	P	P
21.	Rahil Maqsood (1202)		P	P	P
22.	Junaid Wani (2568)		P	P	P
23.	Mohd. Irfan Ganie (1162)		Absent	Absent	Absent
24.	Uzair Manzoor Rather (1172)		P	P	P
25.	Shahid Javaid (915)		P	P	P

ATTENDANCE of 3rd sem. Students (Minor) enrolled for fieldwork.

S No.	Name	Mobile No.	Morning	Afternoon	Evening
01.	Aasif Ahmad Sheikh (206)		P	P	P (Jehad) bed
02.	Zaid Nisar (207)		P	P	P (Jehad) bed
03.	Shahid Nisar (211)		P	P	P
04.	Sahil Hilal Rather (678)		P	P	P
05.	Haroon Javaid (680)		P	P	P
06.	Tawfeeq Fayaz Dar (927)		P	P	P
07.	Lubna Ashraf (1191)		P	P	P

15/10/2025
Geology
Shahid Jinnah Memorial
Govt. Degree College Anantnag



Govt. of J&K (UT)
Higher Education Department

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OFFICE OF THE PRINCIPAL

Shaheed Himayun Muzamil Memorial

Govt. Degree College Anantnag

Khanabal, Anantnag - 192101 (J&K) | NAAC Accredited Grade 'B' | CGPA: 2.53

No. DCA/Sub-Tour/25/1557

Dated: 15-10-2025

Subject: Deputation of Officers/Officials in connection with Subject Tour

ORDER

The following officers/officials of this College are hereby directed to accompany 39 students of the Department of Geology in connection with the Subject Tour scheduled on **16th October 2025** to Daksum. The list of students is enclosed herewith this order as Annexure-A.

Furthermore, the accompanying staff members are directed to ensure their presence in the College at **08:00 a.m. positively on the scheduled date** along with the students. The safety and discipline of the students shall be the sole responsibility of the accompanying staff.

S.NO	Name of Officer/ official	Designation
01	Dr. Naveen Hakhoo	Assistant Professor ✓
02	Dr. Mohd Azhar	Assistant Professor ✓
03	Mr. Parvaiz Ahmad Dar	Orderly ✓
04	Tabasum Akhter	Need Based Worker (Absent)
05	Bilal Ahmad Shah	Gardener ✓

{Prof. Dr Mushtaq Ahmad Malik}

Principal.

Copy to :-

1. Convener subject Tours for information.
2. HOD GEOLOGY for information.
3. All the concerned for compliance and note.



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No. DEA/Sub-Tour/25/1511.

Dated: 11-10-2025.

ORDER

In the interest of administration, sanction is hereby accorded for carrying out the subject tour in respect of the following departments for the dates and destinations shown against each. Furthermore, all the concerned HOD(s) are directed to approach the Administrative Section for further necessary action in this regard.

S. No.	NAME OF DEPARTMENT	NO. OF STUDENTS	Date	Venue
1.	Geography	135	14 th Oct. 2025	Peer ki Gali
2.	Commerce	45		Hotel Industry Pahalgam
3.	Biotechnology	45	15 th Oct. 2025	SKAUST SHUHAMA
4.	Economics	45		Yousmarg
5.	Geology	65	16 th Oct. 2025	Duksum
6.	History	82		Mughal Road
7.	Islamic Studies	30	17 th Oct. 2025	Khanqah Moula Srinagar
8.	Botany	40	20 th Oct. 2025	Nagdandi-Achabal-Chatapal
9.	Psychology	30		IMHANS Srinagar
10.	Agricultural Tech.	91	22 nd Oct. 2025	SKAUST Shalimar
11.	Mathematics	18		Pahalgam Anantnag
12.	Seed Tech	82	23 rd Oct. 2025	KVK Anantnag & Verinag
13.	Electronics	23		NIELIT
14.	Zoology	45		SKAUST Srinagar
15.	Business administration	38	24 th Oct. 2025	SIDCO Laspipora.
16.	Music	05		DD Srinagar
17.	Sericulture	14		Mirgund SKAUST Srinagar
18.	Water Management	50	25 th Oct. 2025	MET Deptt & STP Srinagar
19.	Physics	80	25 th Oct. 2025	Pahalgam

[Signature]



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No. DeA/Sub-Tour/25/1511

Dated: 11-10-2025

20.	Environmental Sciences	85	27 th Oct. 2025	MET Deptt & STP Srinagar
21.	Biochemistry	116	28 th Oct. 2025	GMC Srinagar
22.	Clinical Bio-Chemistry	104	29 th of October 2025	GMC Srinagar.
23.	Department of Media Studies	35	30 th of October 2025	Pahalgam
24.	Department of Education	45	30 th of October 2025	Pahalgam

[Dr. Mushtaq Ahmad Malik]
Principal

Copy to :-

1. Convener Subject Tours for kind information.
2. All Concerned HOD's for with the request to accord necessary permission well in advance.
3. Office records.



Department of Geology



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Khanabal, Anantnag - 192101

No: *Geol/25/38*

Date: *14/10/2025*

TO WHOM IT MAY CONCERN

This is to certify that the staff and students (Annexure 1) of the Department of Geology at Shaheed Himayun Muzzamil Memorial-Govt. Degree College Anantnag are heading to DAKSUM (Larnoo, Anantnag) for Geological Field-Work (Experiential Learning Tour) and will be carrying with them the field-equipment like (Geological hammer, Brunton compass, Hand Lenses etc.).

This field trip has been approved ^{by} the competent authority, and the field party may be provided all the possible help during the field-trip for the smooth conduct of the same.

Head,

Department of Geology

SHMM-GDC Anantnag

HOD Geology

Shaheed Himayun Muzzamil Memorial

Govt. Degree College Anantnag

Guidelines for the students to follow during the tour:

- (1) The students will report the College at 08:00 AM sharp on 16-10-2025.
- (2) The students will arrive in proper and complete college uniform, the students who are without uniform won't be allowed to board the bus.
- (3) The students will carry a valid photo-ID card with them, having their complete details (parentage, address etc.). The students without a valid photo-ID card won't be allowed to board the bus.
- (4) The students are required to carry lunch/eatables and drinking water bottle with them.
- (5) The students will carry a note-book, pen, pencil and additional stationary items in a bag/backpack for the smooth conduct of the field-work.
- (6) At every time the students are required to follow the directions of the accompanying faculty/staff of the college.
- (7) Indiscipline and misbehaviour or any sort won't be tolerated and the students are required to follow the college code-of-conduct at all the times.
- (8) The students are required to be aware of their surroundings and stay away from hazards, water bodies and dangerous situations.
- (9) Under no circumstance should any of the students wander off alone, and the students shall ensure that they remain part of the group at every time.
- (10) There will be regular attendance and the students have to ensure their presence at the time of the regular head count.
- (11) The students will take due care of the equipment and instruments issued to them, and in the event of loss will have to deposit the fine.
- (12) The students shall be held responsible for all their actions, and the students will not do anything wrong during the course of the trip, that would degrade or jeopardise the reputation of the College.
- (13) The students will follow all the safety measures during the tour, and will be cautious for their own safety and mental and physical well-being of themselves and all of their colleagues.
- (14) If any student is found guilty of any indiscipline during the period of the trip, the College can take disciplinary action against the student.
- (15) NO SMOKING shall be enforced at all the times.
- (16) The students will follow all the rules and regulations which are mentioned above and failing to follow the rules and regulations will / may attract penalty or disciplinary action by the College authorities.