



Department of Geology



Shaheed Himayun Muzzamil Memorial - Govt. Degree College Anantnag

Khanabal, Anantnag - 192101

No: *Geol/21/26*

Date: *16/09/2026*

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 15-09-2026, as a requirement prescribed in the syllabus. Geology is a field-based subject, and the students got an opportunity to study landforms and landscape evolution, erosional and depositional features, additionally, the students learnt the handling of the Brunton compass for measuring dip and strike and also learnt how to use the Brunton Compass at different levels, particularly the waist-level for the assessment of the bearings. The students also learnt how to locate oneself in a map using back-bearings ascertained with the help of a Brunton Compass. Moreover, the students learnt the identification of various sedimentary structures, grain size distribution, and features in argillite and diamictite (rock of glacial origin). The students also collected some typical samples for the geological museum of the department.



The field -party comprising of registered students from the department of geology and staff-members from the college (lists attached herewith) left the college for the mountainous outcrops towards Peer-Ki-Gali at 09:00 AM. The description of the field-stops where the studies were done is as under:

Department of Geology

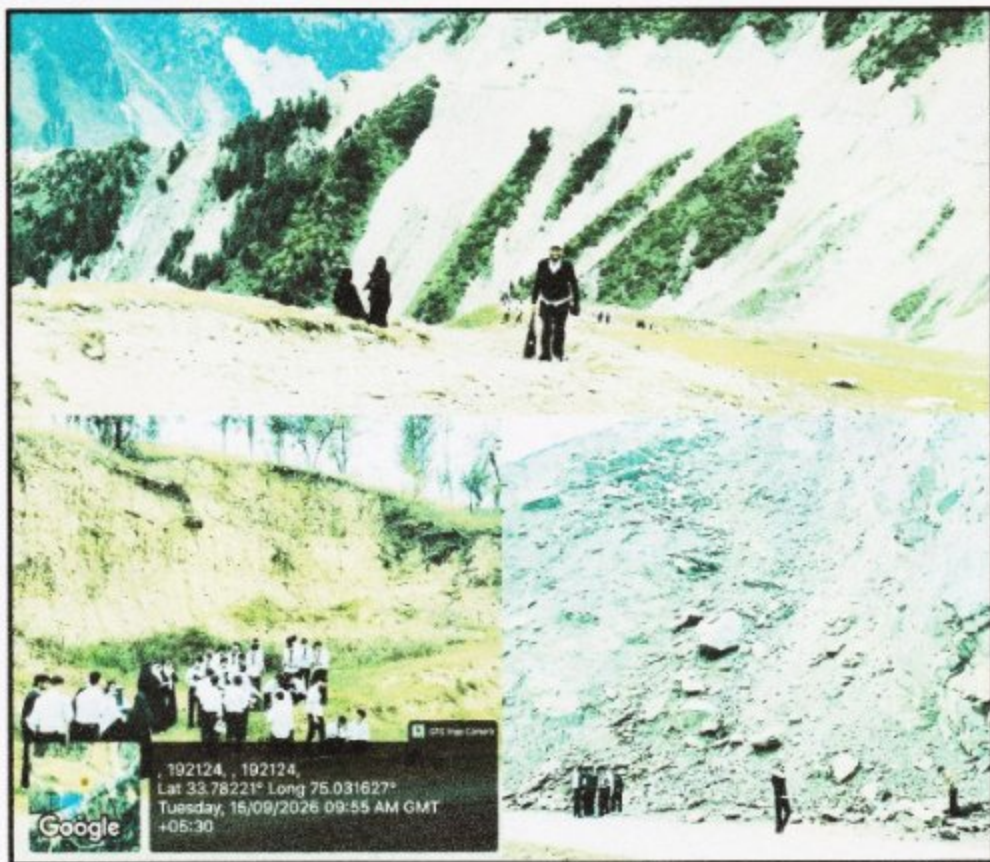
Shaheed Himayun Muzzamil Memorial – Govt. Degree College Anantnag

Khanabal, Anantnag - 192101

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- (1) Karewa deposit outcrop: Here, the students studied the thick and massive sandstone unit with alternating mud laminae/lenses. The students learnt how to identify laminations and bedding and found the orientations of the exposed planes. The students discussed the evolution of the Karewa deposits of the Kashmir Valley and its importance as a geological repository of the Plio-Pleistocene times. The recovery of typical fossils from the Karewa deposits (e.g. *Elephas namadicus*) was also highlighted.



- (2) Peer-Ki-Gali Pass: Here, along the upslopes, the students learnt the evolution of the landscape and formation of the V-shaped and I-shaped valley and identified the typical U-Shaped glacial valley. The students were also appraised about the development of the Tor-Scenery (water-melon topography).
- (3) Peer-Ki-Gali downslopes: In this area, along the downslopes, the students were appraised about the identification of typical rock types like argillite and diamictite. The students were made familiar with the formation of these rock types, that are formed by glacial activity. This outcrop exhibits a continuity in Jammu and Kashmir



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and has been studied as evidence of glaciation during the Neoproterozoic times of the earth's history. Many diamictite samples with characteristic 'drop-stones' were collected by the students for the repository of the geology department museum.



- (4) Dubjan Bridge: The students learnt the evolution of the V-Shaped valley and the formation of river terraces (both aggradational and degradational). The students identified boulder-terraces at multiple levels, thus indicating stages of tectonic upliftment and tectonic quiescence. The students were also made to understand the difference in the evolution of V-and-I-Shaped valleys, which are formed by intermittent and continuous upliftment respectively.

The geological fieldwork concluded with the return of the field party back to the college at 05:35 pm.

Acknowledgements: This fieldtrip was not possible without the continuous support of the principal of the college Prof. (Dr) Mushtaq Ahmad Malik, the department of geology is highly indebted to him for his unwavering support, thanks are also due to the experiential learning tour committee of the college headed by Prof. Siama Munshi (Head, Department of Environmental Sciences) for making all the arrangements.

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

Report drafted by:

Dr Naveen Hakhoo

Head, Department of Geology

Department of Geology
Shaheed Himayun Muzzamil Memorial
Govt. Degree College Anantnag



Govt. of J&K (UT)
Higher Education Department
محکمہ اعلیٰ تعلیم
उच्चतर शिक्षा विभाग



OFFICE OF THE PRINCIPAL
Shahid Hamayun Mazamir Memorial

Govt. Degree College Anantnag

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

No. Dev/Sub tour/26/2211

Dated: 02/09/2026

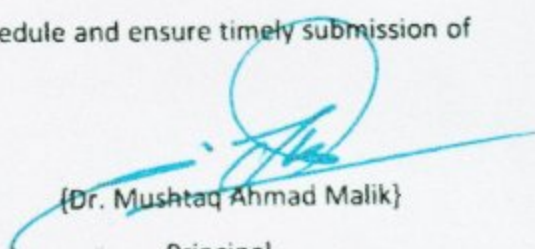
NOTICE

It is hereby notified for the information of all the Heads of Departments (HODs) of the College that applications for Subject Tours/Picnics, along with the duly signed list of students, in respect of students of UG 1st, 3rd and 5th Semesters, shall be submitted to the Principal office before 07th September 2026. No application for a tour/picnic shall be entertained after the stipulated date.

Furthermore, every application shall be accompanied by the Parental Consent of the participating students, strictly in the prescribed format.

All concerned are directed to adhere to the above schedule and ensure timely submission of the requisite documents.


Convener Tours


{Dr. Mushtaq Ahmad Malik}

Principal

Copy to :

1 All concerned for compliance and note.

2 Office records.



Department of Geology



Shaheed Himayun Muzzamil Memorial - Govt. Degree College Anantnag

Khanabal, Anantnag - 192101

No: Geol/16/26

Date: 01/09/2022

The

Principal

SHMM-Govt. Degree College Anantnag

Consent
To
01/09/22

Subject: Mandatory Experiential Learning Tour (Fieldwork) for 1st and 3rd Semester Geology students

Sir,

The Department of Geology is requesting for your kind permission, help and support in organizing geological experiential learning tour (fieldtrip) for the 1st and 3rd semester geology major/minor students as a mandatory requirement prescribed in the syllabus (attached herewith). Geology is a field-based subject, and the students will get an opportunity to study landforms, erosional and depositional features, additionally, the students will learn handling of Clinometer and Brunton compass for measuring dip and strike and plotting of field data on geological maps/toposheets. Moreover, the students will also learn the identification of various sedimentary structures. The tentative schedule of the fieldwork is given below for your kind consideration:

S No.	Semester and Group	Date	Location
(1)	1 st (Major/Minor)	12-09-2026	Peer-Ki-Gali / Shopian ✓
(2)	1 st (Major/Minor)	19-09-2026	Daksum
(3)	1 st (Major/Minor)	26-09-2026	Kupwara / Lolab Valley ✗
(4)	1 st (Major/Minor)	03-10-2026	Parnote (Ramban)
(5)	1 st (Major/Minor)	10-10-2026	Pahalgam ✓
(6)	1 st (Major/Minor)	17-10-2026	Badihar (Guridraman)
(7)	1 st (Major/Minor)	24-10-2026	Guryul Ravine (Khonmoh) ✓
(8)	3 rd (Major/Minor)	31-10-2026	Galander (Pampore) / Guryul ✓

Thank you for your kind consideration, help and support.

Regards,

Head

Department of Geology

(no of students) 1st Semester (5 days)
(40)
(40) 3rd Sem (1 day)

Shaheed Himayun Muzzamil Memorial
Govt. Degree College Anantnag



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



OFFICE OF THE PRINCIPAL
Shaheed Bhagat Singh Memorial

Govt. Degree College Anantnag

Khanabal, Anantnag - 190017 (J&K) (India) Accredited Grade 'B' by CGPA 253

No. **DCA/TOUR/26/2260**

Dated **8-9-2026**

ORDER

The Tour cum picnic in respect of the following Departments is hereby approved for the dates and destinations indicated against each Department.

The concerned Heads of Departments (HoDs) are directed to ensure that all necessary formalities and requisite permissions are completed well in advance of the scheduled date of the tour.

Further, the concerned HoDs shall submit the list of participating students along with the names of accompanying staff members, maintaining the prescribed student-to-staff ratio of 25:01, at the earliest, for further necessary action.

S.NO	Name of Department	Date	Destination
01	Geography	10-09-2026	Purani Tunnel
02	Botany and Math	12-09-2026	Pahalgam
✓ 03	Geology and Clinical Bio Chemistry	✓ 15-09-2026	✓ Peer Ki Gali
04	Seed Technology and Physics	16-09-2026	Pahalgam
05	Water management	17-09-2026	Dal Lake and Botanical Garden
06	Computer Science	18-09-2026	Pahalgam
07	Zoology and Bio-Chemistry	19-09-2026	Pahalgam

(Dr. Mushtaq Ahmad Malik)
Principal

Copy to :-

- 1 Convener tour and Travels for information
- 2 All concerned HODs for compliance and note.
- 3 Office records.



Higher Education Department
उच्च शिक्षा विभाग



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. Det/Sub Tour/56/2339

Dated: 14/09/2026

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

ORDER

The following officers/officials of this College are hereby directed to accompany students of the Department of in connection with the Subject Tour cum Picnic for the Department of Geology 57 scheduled on 15th of September 2026 to . 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. The students and the accompanying staff members shall be transported through SRTC Buse(s)

S.NO	Name of Officer/ official	Designation
01	Dr. Naveen Hakhoo	Assistant Professor
02	Dr. Zahar-ul Haq	Assistant Professor
03	Mr Tariq Ahmad Khanday	Lab. Assistant
04	Mr. Mir Himiyat	Attendant.

Principal

Principal

Shaheed Himayun Muzamil Memorial
Govt. Degree College Anantnag

Copy to :-

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



Department of Geology



Shaheed Himayun Muzzamil Memorial – Govt. Degree College Anantnag

Khanabal, Anantnag - 192101

No: Annexure 1

Date: 14/09/2020

LIST OF THE STUDENTS FOR THE MANDATORY GEOLOGICAL FIELD-TRIP

SEMESTER: 1ST – (15-09-2026)

S No	Name	Contact No.	Roll No.
1.	Furqan Fairouz	7	2614013
2.	Saqib Nazir Malla	9	2614011
3.	Moomin Hussain	9	2614021
4.	Sarmad Shafiq	6	2614010
5.	Hilal Ahmad Mochi	9	2614003
6.	Rayees Javaid Ganie	9	2614004
7.	Hazik Iqbal Malla	6	2614007
8.	Raja Haris Fayaz	9	2614005
9.	Waseem Ahmed	9	2614020
10.	Arbaz Farooq	6	2614016
11.	Mohd. Fahad Alam	8	2614002
12.	Taskeen-ul-Hassan Tantray	9	2614017
13.	Ufaifa Noor	9	2614012
14.	Ahsan Fayaz	7	NA
15.	Mutahir Mushtaq	7	2614001
16.	Peerzada Sameer Ahmad Shah	6	2614059
17.	Azhan Nasir	9	2627039
18.	Irfan Yousuf	6	2627013
19.	Danish Iqbal	7	2627024
20.	Imran Ahmad Chopan	7	2623003
21.	Dar Mujeeb Shabir	7	2615066
22.	Aafaq Nazir	9	2615055
23.	Suzalif Hussain Lone	9	2606010


Head, Department of Geology

24. Syjan Farooq
25. Wani Muneeb
26. Idrees Sh Lone
27. Mohaib Jr. Khanday



[Handwritten signature]



Department of Geology



Shaheed Himayun Muzzamil Memorial - Govt. Degree College Anantnag

Khanabal, Anantnag - 192101

No:

Date:

LIST OF THE STUDENTS FOR THE MANDATORY GEOLOGICAL FIELD-TRIP

SEMESTER: 3RD - (15-09-2026)

S No	Name	Contact No.	Roll No.
1.	Sharif Manzoor		701
2.	Ahtisham-Ul-Haq		710
3.	Sahreena Jan		708
4.	Mohsin Gulzar		1008
5.	Danish Aijaz		703
6.	Taseen Ahmad Dar		705
7.	Murtaza Yaqoob		706
8.	Shakir Mushtaq Lone		711
9.	Bisma Bashir		707
10.	Farhand Shabir Sheikh		702
11.	Seerat Shabir		704
12.	Mohd. Maqbool Wagay		25422
13.	Rounaq Javaid		919
14.	Mutaib		1198
15.	Rutba Hameed		2566
16.	Ifra Amin		2567
17.	Mohd. Irfan Ganie		1162
18.	Qurat-Ul-Ain		2574
19.	Sahreena Feroz		2575
20.	Mukhtar Sheikh		1188
21.	Junaid Fayaz		1151
22.	Faizan Ahmad Shah		1191
23.	Mohmad Monis Khandi		918
24.	Irfan Ahmad Shah		1190
25.	Jasira Javied		1154
26.	Tabish Ashraf		1211



Department of Geology



Shaheed Himayun Muzzamil Memorial – Govt. Degree College Anantnag

Khanabal, Anantnag - 192101

No:

Date:

27.	Sadaf Ashraf		1158
28.	Aadil Salam		1186
29.	Ishtiyag Khursheed		1187
30.	Sufaan Bashir		1159

LIST OF THE STUDENTS FOR THE MANDATORY GEOLOGICAL FIELD-TRIP

SEMESTER: _____ (15-09-2026)

S No	Name	Contact No.	Roll No.
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			


Head, Department of Geology

LIST OF THE STUDENTS FOR THE MANDATORY GEOLOGICAL FIELD-TRIP

SEMESTER: 1ST – Attendance (15-09-2026)

S No	Name	Contact No.	Roll No.	Signature 15-09-2026	Morning	Afternoon	Evening
1.	Furqan Fairouz		2614013	<i>Furqan</i>	P	P	P
2.	Saqib Nazir Malla		2614011	<i>Saqib</i>	P	P	P
3.	Moomin Hussain		2614021	<i>Moomin</i>	P	P	P
4.	Sarmad Shafiq		2614010	<i>Sarmad</i>	P	P	P
5.	Hilal Ahmad Mochi		2614003	<i>Hilal</i>	P	P	P
6.	Rayees Javaid Ganie		2614004	<i>Rayees</i>	P	P	P
7.	Hazik Iqbal Malla		2614007	ABSENT	A		
8.	Raja Haris Fayaz		2614005	<i>Raja</i>	P	P	P
9.	Waseem Ahmed		2614020	<i>Waseem</i>	P	P	P
10.	Arbaz Farooq		2614016	ABSENT	A		
11.	Mohd. Fahad Alam		2614002	<i>Fahad Alam</i>	P	P	P
12.	Taskeen-ul-Hassan Tantray		2614017	ABSENT	A		
13.	Ufaifa Noor		2614012	ABSENT	A		
14.	Ahsan Fayaz		NA	<i>Ahsan</i>	P	P	P
15.	Mutahir Mushtaq		2614001	ABSENT	A		
16.	Peerzada Sameer Ahmad Shah		2614059	<i>Peerzada</i>	P	P	P
17.	Azhan Nasir		2627039	ABSENT	A		
18.	Irfan Yousuf		2627013	<i>Irfan</i>	P	P	P
19.	Danish Iqbal		2627024	<i>Danish</i>	P	P	P
20.	Imran Ahmad Chopan		2623003	<i>Imran</i>	P	P	P
21.	Dar Mujeeb Shabir		2615066	ABSENT	A		
22.	Aafaq Nazir		2615055	ABSENT	A		
23.	Suzaif Hussain Lone		2606010	ABSENT	A		

PCV ✓ 24. Guljan Farooq 6006992747 2600-1071847 Irfan P P P
 25. Wani Muneeb 6006744425 1071765 ABSENT A
 26. Shrees Sh. Lone 7006583698 1073636 ABSENT A
 27. Muhaib Tr. Khanday 7006675574 1072701 ABSENT A

HOD Geology
 Shaheed Minyan Memorial
 Govt. Degree College, Anantnag

(15)

S.No. 24 to 27 Parental Consent Pending

LIST OF THE STUDENTS FOR THE MANDATORY GEOLOGICAL FIELD-TRIP

SEMESTER: 3RD – Attendance (15-09-2026)

S No	Name	Contact No.	Roll No.	Signature 15-09-2026	Morning	Afternoon	Evening
1.	Sharif Manzoor		701	P	Sharif	P	P
2.	Ahtisham-Ul-Haq		710	P	Ahtisham	P	P
3.	Sahreena Jan		708	So P	Sahreena	P	P
4.	Mohsin Gulzar		1008	P	Mohsin	P	P
5.	Danish Aijaz		703	ABSENT			
6.	Taseen Ahmad Dar		705	P	Taseen	P	P
7.	Murtaza Yaqoob		706	P	Murtaza	P	P
8.	Shakir Mushtaq Lone		711	P	Shakir	P	P
9.	Bisma Bashir		707	P	Bisma	P	P
10.	Farhand Shabir Sheikh		702	P	Farhand	P	P
11.	Seerat Shabir		704	P	Seerat	P	P
12.	Mohd. Maqbool Wagay		25422	ABSENT			
13.	Rounaq Javaid		919	P	Rounaq	P	P
14.	Mutaib		1198	P	Mutaib	P	P
15.	Rutba Hameed		2566	P	Rutba	P	P
16.	Ifra Amin		2567	P	Ifra	P	P
17.	Mohd. Irfan Ganie		1162	P	Irfan	P	P
18.	Qurat-Ul-Ain		2574	P	Qurat-Ul-Ain	P	P
19.	Sahreena Feroz		2575	P	Sahreena	P	P
20.	Mukhtar Sheikh		1188	P	Mukhtar	P	P
21.	Junaid Fayaz		1151	P	Junaid	P	P
22.	Faizan Ahmad Shah		1191	P	Faizan	P	P
23.	Mohmad Monis Khandi		918		Mohammad	P	P
24.	Irfan Ahmad Shah		1190	P	Irfan	P	P
25.	Jasira Javied		1154	P	Jasira	P	P
26.	Tabish Ashraf		1211	P	Tabish	P	P
27.	Sadaf Ashraf		1158	P	Sadaf	P	P
28.	Aadil Salam		1186	ABSENT			
29.	Ishtiaq Khursheed		1187	ABSENT			
30.	Sufaan Bashir?		1159	ABSENT			



Department of Geology



Shaheed Himayun Muzzamil Memorial – Govt. Degree College Anantnag

Khanabal, Anantnag - 192101

No: *Geol/20/26*

Date: *14/09/2026*

TO WHOM IT MAY CONCERN

This is to certify that the staff and students (Annexure 1) of the Department of Geology at SHMM-Govt. Degree College Anantnag are heading to Peer-Ki-Gali for Geological Field-Work (Experiential Learning Tour) and will be carrying with them the field equipment like – Geological Hammer, Brunton Compass, Camera, Hand Lens etc.

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

Head, Department of Geology

Department of Geology
Shaheed Himayun Muzzamil Memorial
Govt. Degree College Anantnag

TOUR COMMITTEE

SHMM GOVT.DEGREE COLLEGE ANANTNAG

Rules and Regulations for College Tour, 2026

RULES FOR STUDENTS

1. Students must carry their **college ID card or admission receipt (1st Sem)**
2. Students must maintain proper discipline and respectful behavior throughout the tour.
3. Students must not leave the group or designated location without prior permission.
4. Students must follow all instructions given by teachers.
5. Students must come in proper uniform and maintain appropriate conduct.
6. Students are responsible for their personal belongings. The college will not be responsible for loss or damage caused by negligence.
7. Students must not engage in risky activities, including unauthorized swimming, trekking or visiting restricted areas.
8. Any serious misconduct may result in disciplinary action as per college rules.

RULES FOR ACCOMPANYING STAFF

1. Faculty members along with accompanying staff should ensure their presence in the College at 8.00 AM positively on the scheduled date.
2. Faculty members must maintain overall supervision and ensure the safety and discipline of students.
3. The accompanying teachers should maintain an updated list of participating students.
4. Faculty members should conduct regular headcounts, particularly before departure, after arrival, and at every major location.
5. Faculty members should ensure to get back to college before 5.30 PM after returning from picnic.
6. Faculty members should ensure that students return safely according to the approved schedule.

Convenor Tour Committee

Prof. Saima Munshi

Guidelines for the students to follow during the tour

- (1) The students will report to the college 30 minutes before the scheduled departure time on 15-09-2026.
- (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/catables 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.

RECEIPT FORM

RECEIPT FOR PAYMENTS TO GOVERNMENT

Receipt No. **3426346** Place **WLS Heerpora**
Dated : **15-09-2026**
Office/Division **WLP- Shopian**
Received from **Govt. Gd e boys Anant**
With Letter No. **19-AP** Dated : **15-09-2026**
Rs. **600/-** (Rupees **Six hundred**
only)
In cash/ by cheque on account of : **Cash**


Cashier's Signature

Accountant Designation

- Note : 1. This receipt is non-transferable.
2. No application for refund will be entertained without the production of the receipt and its delivery on return of the money of execution of satisfactory bond of indemnity.

Fee for entering Wildlife Sanctuary at Heerpora to Peer-Ki-Gali.

Ord No: WLP/Res/2025-26/537-39

Dt: 18/09/2025