

GEOLOGICAL FIELD VISIT REPORT

Date of Visit: 12.11.2025

Location: Shimla – Shalli Tibba and Khatnol Area

Organised by: Department of Geology Centre of Excellence, GDC Sanjauli

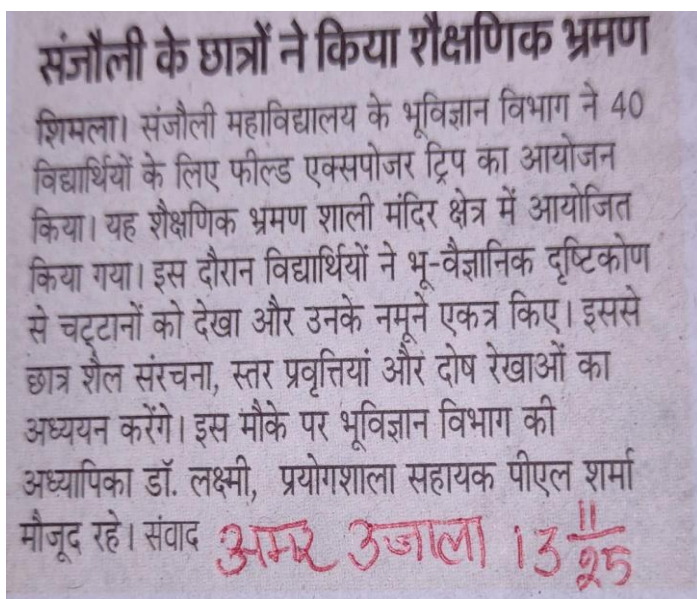
A one-day geological field visit was conducted on **12 November 2025** to the **Shalli Tibba–Khatnol region near Shimla**, organised by the Department of Geology, Government Degree College Sanjauli and generously sponsored by the **Centre of Excellence, GDC Sanjauli**. A total of **41 students** took part in the academic excursion under the supervision and guidance of **Faculty Coordinator Dr. Laxmi Versain** and **Lab Assistant Sh. P. L. Sharma**. The primary objective of this field trip was to provide students with practical exposure to Himalayan geology, enabling them to observe lithological variations, structural features, and geomorphological processes directly in nature. The area around Shalli Tibba and Khatnol presents an excellent natural laboratory for geological study due to its diverse rock formations and well-preserved structural characteristics. During the visit, students identified and examined significant lithological units including **limestone beds, phyllites, and quartzites**. The limestone exposures displayed distinct bedding planes and changes in thickness, indicating episodes of varying depositional conditions. The **phyllites** showed characteristic foliation and sheen, suggesting low-grade metamorphism typical of the Lesser Himalayan region. Meanwhile, the **quartzites**, being hard and resistant, formed prominent ridges and exhibited well-developed joint sets, offering students an opportunity to study weathering patterns and structural controls on landscape evolution.

In addition to lithology, several important **structural features** were observed throughout the field area. Students examined examples of **folds**, including anticlines and synclines, clearly reflecting the compressional tectonic forces active during the Himalayan orogeny. Evidence of **faulting** was also present in the form of minor fault planes and displaced rock layers, which helped students understand the nature of crustal deformation. Furthermore, multiple **joint sets** cutting across quartzites and limestones demonstrated the role of brittle deformation in shaping rock masses and influencing erosion patterns. Another significant geomorphological feature observed was the presence of **river terraces**, which highlighted past phases of river down-cutting and provided insights into the region's climatic and tectonic history. These terraces served as natural indicators of landscape evolution and offered students a broader perspective on the dynamic interplay between geological processes and surface features. Overall, the field visit proved to be an enriching experience, successfully meeting its objectives. Students gained hands-on training in rock identification, measurement of structural elements, interpretation of geological histories, and understanding field relationships between

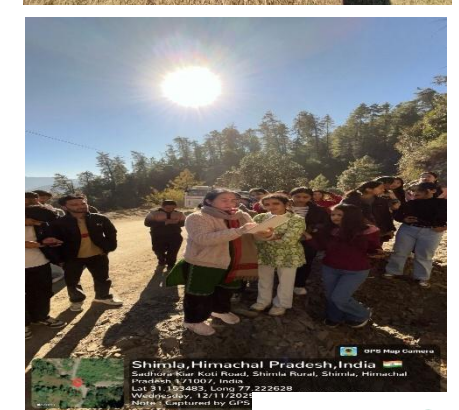
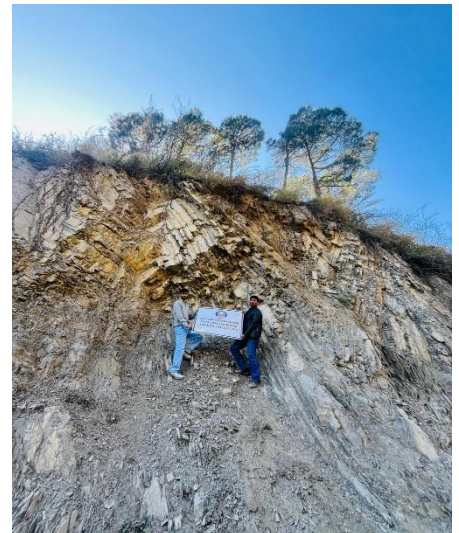
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different units. The guidance provided by Dr. Laxmi Versain and Lab Assistant Sh. P. L. Sharma contributed greatly to the academic value of the excursion. The visit not only strengthened classroom learning but also inspired students to develop a deeper interest in geological fieldwork and research.

MEDIA COVERAGE OF THE VISIT



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Blogger

LIST OF STUDENTS

DEPTT. OF GEOLOGY, GDC, SANJAULI-ONE DAY FIELD VISIT: 12.11.2025

The following students of GDC Sanjauli, Deptt. of Geology has made a one-day geological field visit FROM Shimla to Shali Tibba area and back on dated 12.11. 2025. The expenditure incurred as per follows:

Total No. of Students: 41

S.No.	Name of Student	D.A	Travel Fare(To n Fro)	Total	Sign
1	Arindam	250	240	490	Arindam
2	Aman	250	240	490	Aman
3	Deepak	250	240	490	Deepak
4	Swapnil Suryan	250	240	490	Swapnil
5	Pamkaj Niltu	250	240	490	Pamkaj
6	Niharika	250	240	490	Niharika
7	Kashish	250	240	490	Kashish
8	Anshika	250	240	490	Anshika
9	Palak	250	240	490	Palak
10	Ayush Sathaik	250	240	490	Ayush
11	Rashi	250	240	490	Rashi
12	Shagun	250	240	490	Shagun
13	Aryaveen Rathore	250	240	490	Aryaveen
14	Tazul Chauhan	250	240	490	Tazul
15	Laveesh Thakur	250	240	490	Laveesh
16	Ritik Sharma	250	240	490	Ritik
17	Ashwin Sharma	250	240	490	Ashwin
18	Sahil Rana	250	240	490	Sahil
19	Prajwal Sharma	250	240	490	Prajwal
20	Aditi Sharma	250	240	490	Aditi
21	Shivanshi	250	240	490	Shivanshi
22	Suparna	250	240	490	Suparna
23	Rohini	250	240	490	Rohini
24	Leezu	250	240	490	Leezu
25	Mannat Sharma	250	240	490	Mannat
26	Priya	250	240	490	Priya
27	Gaurav Sharma	250	240	490	Gaurav
28	Bhawna	250	240	490	Bhawna
29	Riya	250	240	490	Riya
30	Kartik sharma	250	240	490	Kartik
31	Jagriti sharma	250	240	490	Jagriti
32	Anushka	250	240	490	Anushka
33	Vanshaj sirhota	250	240	490	Vanshaj
34	Mayank	250	240	490	Mayank
35	Manya Sharma	250	240	490	Manya
36	Kanika	250	240	490	Kanika
37	Ashima	250	240	490	Ashima
38	Nikhil	250	240	490	Nikhil
39	Aditya	250	240	490	Aditya
40	Rahul	250	240	490	Rahul
41	Anushka	250	240	490	Anushka
Total Amount Sanctioned = 20,000/-				20,090/-	
Total Expenditure = 20,090/-					

Faculty In charge
(Signature)
 AD-Geology

Biology



Accredited with Grade A+ by NAAC

Centre of Excellence

GOVT. COLLEGE, SANJAULI, SHIMLA -6, H. P.

WEB SITE: www.gcsanjauli.edu.in E-Mail Address: principalsanjauli@gmail.com

FAX/ Tel. No: 0177-2640332



No. EDN-COE-GCS-SML-

Dated: 11.11.2025

OFFICE ORDER

Dr. Laxmi Versain, Assistant Professor, Geology, and Mr. Pyare Lal, Laboratory Attendant, have been deputed along with students of Geology dept. to visit Shali Tibba for Geology field visit tomorrow, i.e, 12th November, 2025. They are hereby relieved from their duties with effect from 11th November. 2025 (AN).

[Signature]
Principal
Centre of Excellence
GC Sanjauli, Shimla-6
11th November, 2025

Endst. No. Even. Dated,
Copy to information please:-

Shimla-6, the

✓ 1. Individual concerned.

[Signature]
Principal
Centre of Excellence
GC Sanjauli, Shimla-6

Dated 12.11.2025.

To
The Principal,
Centre of Excellence,
Government College Sanjauli,
Shimla (H.P.)

Subject: Request for permission to conduct a one-day Geological Field Visit to Shali Tibba and adjacent areas on 12.11.2025.

Respected Madam,

With due respect, it is submitted that the Department of Geology intends to organize a one-day geological field visit to **Shali Tibba and adjacent areas** on **12th November 2025** for the students of **B.Sc. 1st, 2nd, and 3rd year**. The purpose of this visit is to provide practical exposure to geological formations and field techniques, which are an essential part of the curriculum.

A detailed list of the students participating in the field visit is enclosed herewith for your kind perusal and necessary approval.

You are therefore requested to kindly grant permission to conduct this one-day geological field visit.

Thanking you in anticipation.

[Signature]
10/11/2025
Yours faithfully,
Laxmi Versain (AP)
Deptt. Geology

[Signature]
[Signature]

Annexure:	List of students
Total Students:	41
Faculty:	01
LA :	01

[Signature]