

**Semester Practical Plan**

**Name of the college:** Government College of Arts, Science & Commerce, Sanquelim, Goa-India

**Name of Faculty:** Brahmanand Narahari Sawant

**Subject:** Geology

**Paper code:** GED 101 Engineering Geology

**Program/Course:** TY B.Sc.

**Division:**

**Academic year:** 2024- 2025

**Semester:** V

**Total Practicals:** 15

**Credits :-** 1

**Course Objectives:**

1. To describe the suitability of given engineering site
2. To suggest remedial measures to improve the site for engineering projects

**Course Learning Outcome:**

1. Students will be able to suggest the suitability of sites
2. Students will be able to suggest remedial measures for further improvement of the site

**Students Learning Outcome:-**

- 1) Students will be able to suggest suitability of rocks in the given area of construction for major engineering projects.
- 2) Students will be able to suggest remedial measures to improve the overall suitability of the engineering site

Month	Practicals Schedule Date		No. of Practicals planned	List of experiments	Reference books
	From:	To:			
June	28/06/2024	6/07/2024	01	Rock Quality Designation problems	.Engineering & General Geology by Parbin Singh 2. Textbook of Engineering Geology by N Chenna Kesavulu

				.Engineering & General Geology by Parbin Singh
8/07/2024	13/07/2024	01	Rock Quality Designation problems	2. Textbook of Engineering Geology by N Chenna Kesavulu
15/027/2024	20/07/2024	01	Dam suitability engineering problem No 1	1. .Engineering & General Geology by Parbin Singh 2. Textbook of Engineering Geology by N Chenna Kesavulu

July/ August					.Engineering & General Geology by Parbin Singh 2. Textbook of Engineering Geology by N Chenna Kesavulu.
	22/07/2024	27/07/2024	01	Dam suitability engineering problem No 2	
August	29/07/2024	3/08/2024	01	Dam suitability engineering problem No 3	

					Engineering & General Geology by Parbin Singh
	05/09/2024	10/08/2024	01	Tunnel suitability engineering problem No 4	2. Textbook of Engineering Geology by N Chenna Kesavulu
August/	12/08/2024	17/08/2024	01	Tunnel suitability engineering problem No 5	
	19/08/2024	24/08/2024	01	Tunnel suitability engineering problem No 6	
September	26/08/2024	31/8/2024	01	Tunnel suitability engineering problem No 7	

September	02/9/2024	06/9/2024	01	Map No. 7 A	
	16/9/2024	21/9/2024	01	DAM suitability engineering problem No 8	Engineering & General Geology by Parbin Singh 2. Textbook of Engineering Geology by N Chenna Kesavulu
	23/9/2024	28/9/2024	01	Dam suitability engineering problem No 9	
October	30/9/2024	5/10/2024	01	Tunnel suitability engineering problem No 10	
	7/10/2024	12/10/2024	01	Revision	
	14/10/2024	19/10/2024	01	Revision	

**ASSESSMENT RUBRICS**

<b>COMPONENT</b>	<b>MAXIMUM MARKS</b>
ISA I	07
ISA II	08
PRACTICAL SEE	25
THEORY SEMESTER END EXAM	60
<b>TOTAL</b>	<b>100</b>