

Practical Plan

Name of the college: Government College of Arts, Science & Commerce, Sanquelim

Name of Faculty: Dattaraj Jawdekar

Subject: Geology

Paper code: GEO 306

Program: TY BSc

Division:

Academic year: 2025 - 2026

Semester: VI

**Total
Practicals/Labs:**
15

Credits: 1

Course Objectives:

The objectives of this course are to:

1. Discuss the geological history of India, from the Archean era to the Quaternary period. CL2
2. Describe the different stratigraphic Groups and Formations of India. CL2
3. Associate the importance of stratigraphy in mineral and hydrocarbon exploration. CL2
4. Investigate the geology of an area. CL3

Course Learning Outcome:

1. Infer the geological history and environment of deposition based on lithological characters. CL3
2. Classify various rock sequences in Groups and Formations. CL3
3. Correlate stratigraphy and occurrence of mineral deposits CL4
4. Prepare a geological field report of an area. CL5

**Student Learning
Outcome:**

Month	Practical s/ Labs Schedule d Date	No. of Practicals/La bs planned	List of Experiments	Reference books
December		15	30 hours of geological fieldwork will be carried out in different neighboring parts of Goa.	1. Ramakrishnan, M., and Vaidyanadhan, R. (2010). Geology of India (vol. 1). GSI Publications. 2. Ramakrishnan, M., and Vaidyanadhan, R. (2010). Geology of India (vol. 2). GSI Publications.
January				
February				
March				

Component	Max Marks
ISA 1	7.5

Assessment Rubrics

ISA 2	7.5
Practical	25
Project	-
Semester End Exam	60