

Semester III Lecture Plan

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

Name of Faculty: Mr. Dattaraj Jawdekar

Subject: Geology

Paper code: GEO 200

Program/Course: B.Sc.

Division:

Academic year: 2025-26

Semester: III

Total Lectures: 30

The objectives of this course are to:

1. Explain the structural characters in rocks. CL2
2. Describe relief features of the Earth. CL2
3. Classify landforms formed due to action of the rivers, wind, glaciers and oceans and seas. CL3

Course Outcome:

Identify rock structures in the field. CL3

2. Identify the landforms in the field. CL3
3. Collect structural data of the rocks. CL4
4. Relate the structural features of the rocks with the landforms. CL3

Month	Lectures From: To:	No. of lectures allotted	Topic, Subtopic to be covered	Exercise and assignments	ICT Tools	Reference books
June	23 June - 28 June 2025	2	Contours, contour reading and contour patterns;			
July	30 June - 5 July 2025	2	Scale and compass bearing			
July	7 July - 12 July 2025	2	Folds: Causes and geometric classification of folds; importance of folds			
July	14 July - 19 July 2025	2	Folds: Causes and geometric classification of folds; importance of folds			
July	21 July - 26 July 2025	2	Joints: Geometric classification, importance;			
July–Aug	28 July - 2 August 2025	2	Faults: general characteristics, geometric classification and importance, Horst, Graben and Thrust faults;			

August	4 August - 9 August 2025	2	Faults: general characteristics, geometric classification and importance, Horst, Graben and Thrust faults;			
August	11 August - 16 August 2025	2	Unconformities: Stages of development, types and importance of unconformities; Outliers, Inliers.			
August	18 August - 23 August 2025	2	Major relief features of the Earth, Characteristic features of mountain, plateaus and plains, general relief features of the ocean floor.			
—	26 August - 1 Sep 2025					
September	2 September - 6 September 2025	2	Rivers: development of a typical river system, source and surface flow, erosion, transport, deposition and associated landforms.			

September	8 September - 13 September 2025	2	Rivers: development of a typical river system, source and surface flow, erosion, transport, deposition and associated landforms.			
September	15 September - 20 September 2025	2	Rivers: development of a typical river system, source and surface flow, erosion, transport, deposition and associated landforms.			
September	22 September - 27 September 2025	2	Oceans and seas: Waves and currents, erosion, transport, deposition and resulting landforms.			
October	29 September - 4 October 2025	2	Oceans and seas: Waves and currents, erosion, transport, deposition and resulting landforms.			
October	6 October - 11 October 2025	2	Geological work of groundwater and Karst topography			

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Assessment Rubrics

Component	Max Marks
ISA 1	7.5

ISA 2	7.5
Practical	25
Project	
Semester End Exam	60

Mr. Dattaraj Jawdekar
Assistant Professor in Geology