

		Semester Practical Plan				
Name of the college: Government College of Arts, Science & Commerce, Sanquelim, Goa-India						
Name of Faculty: DATTARAJ JAWDEKAR			Subject: Geology			
Paper code: GEO205-Geology of Goa			Program/Course: SY B.Sc.		Division:	
Academic year: 2025 - 2026			Semester: IV		Total Practicals: 15	
OBJECTIVE						
<p>The objectives of this course are to:</p> <ol style="list-style-type: none"> 1. Discuss the physiography and drainage of Goa. CL2 2. Explain the stratigraphy and structure of the rocks in Goa. CL2 3. Describe the ore deposits of Goa. CL2 						
OUTCOME						
<p>At the end of the course the student will be able to:</p> <p>At the end of the course the student will be able to:</p> <ol style="list-style-type: none"> 1. Describe Geology and Physiography of Goa. CL2 2. Classify the rocks of Goa with respect to the stratigraphy and age. CL3 						

Month	From	To	No. of Hours	Topic / Subtopic to be covered	ICT Tools	Reference Books
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Dec	01/12	06/12	1	Physiography and drainage of Goa	CHALK AND BOARD	A.G. DESSAI
Dec	08/12	13/12	1	Supracrustals of Goa; Shimoga–Goa Schist Belt	CHALK AND BOARD	A.G. DESSAI
Dec	22/12	23/12	1	Lithostratigraphic classification of supracrustal rocks of Goa: Barcem Group and Ponda Group	CHALK AND BOARD	A.G. DESSAI
Jan	02/01	07/01	1	Correlation of Goa Group with Dharwar Supergroup	CHALK AND BOARD	A.G. DESSAI
Jan	08/01	13/01	1	Goa Group: environments of deposition; komatiitic ultramafics	CHALK AND BOARD	A.G. DESSAI
Jan	15/01	20/01	1	Granitic gneisses; late intrusive granites; mafic intrusive rocks	CHALK AND BOARD	A.G. DESSAI
Jan	22/01	27/01	1	Laterites and recent sands of Goa	CHALK AND BOARD	A.G. DESSAI
Feb	29/01	03/02	1	Bondla mafic–ultramafic complex: field characters and petrography	CHALK AND BOARD	A.G. DESSAI
Feb	05/02	10/02	1	Structure of Goa Group of rocks	CHALK AND BOARD	A.G. DESSAI

Feb	12/02	17/02	1	Economic deposits of Goa: age and regional structure	CHALK AND BOARD	A.G. DESSAI
Feb	19/02	24/02	1	Ore types, mineralogy and grade of ore of Goa deposits	CHALK AND BOARD	A.G. DESSAI
Mar	26/02	03/03	1	Economic geology of Goa: genesis and controls (continuation)	CHALK AND BOARD	A.G. DESSAI
Mar	05/03	10/03	1	Revision: Goa Group stratigraphy and petrology	CHALK AND BOARD	A.G. DESSAI
Mar	12/03	17/03	1	Revision: structures and economic deposits of Goa	CHALK AND BOARD	A.G. DESSAI
Mar/Apr	26/03	03/04	1	Overall revision and discussion	CHALK AND BOARD	All references

Two ISAs of 5 marks each. 25 marks practical, 20 marks SEE