

		Semester Lecture Plan					
Name of the college: Government College of Arts, Science & Commerce, Sanquelim, Goa-India							
GOVERNMENT COLLEGE OF ARTS, SCIENCE							
Name of Faculty: Dattaraj Jawdekar				Subject: Geology			
Paper code: GEO 205 Geology of Goa				Program/Course: SY B.Sc.		Division:	
Academic year: 2024 - 2025				Semester: IV		Total Lectures: 15	
<b>Course Objectives:</b> <b>This course aims in helping the students:</b> 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							
<b>Course Learning Outcome:</b> <b>Students will be able to understand</b> 1. The aspects of Geology of Goa including the economics, past environments and structure							
Month	From:	Lectures To:	No. of lectures allotted	Topic, Subtopic to be covered	Learning outcome	ICT Tools	Reference books

		December 4, 2023	December 10, 2023		Introduction			
		December 11, 2023	December 17, 2023		Introduction to Regional Geology			
		January 1, 2024	January 7, 2024		Physiography and Drainage of Goa.			
January		January 8, 2024	January 14, 2024		Physiography and Drainage of Goa.			
		January 15, 2024	January 21, 2024		Supracrustals of Goa, Shimoga- Goa Schist Belt			
		January 22, 2024	January 28, 2024		lithostratigraphic Classification of supracrustal rocks of Goa: Barcem Group and Ponda Group. Correlation of Goa Group to Dharwar Supergroup.			

February	January 29, 2024	February 4, 2024		lithostratigraphic Classification of supracrustal rocks of Goa: Barcem Group and Ponda Group. Correlation of Goa Group to Dharwar Supergroup.			
	February 5, 2024	February 11, 2024		lithostratigraphic Classification of supracrustal rocks of Goa: Barcem Group and Ponda Group. Correlation of Goa Group to Dharwar Supergroup.			
	February 12, 2024	February 18, 2024		Structure of Goa Group of rocks.			
	February 19, 2024	February 25, 2024		Structure of Goa Group of rocks.			
	February 26, 2024	March 3, 2024		Structure of Goa Group of rocks.			

March	March 4, 2024	March 10, 2024		Economic deposits of Goa: age, regional structure, ore types, mineralogy, grade of ore.			
	March 11, 2024	March 17, 2024		Economic deposits of Goa: age, regional structure, ore types, mineralogy, grade of ore.			
	March 18, 2024	March 24, 2024		Environments of Deposition			
	March 25, 2024	March 31, 2024		Bondla mafic-ultramafic complex: petrography.			
April	April 1, 2024	April 7, 2024		Granitic Gneisses, Late Intrusive granites,			
	April 8, 2024	April 14, 2024		Mafic intrusive rocks, laterites and recent sands.			

