

		Semester Lecture Plan						
<b>Name of the college:</b> Government College of Arts, Science & Commerce, Sanquelim -Goa								
<b>Name of Faculty:</b> Ms. Shweta Patil			<b>Subject:</b> Geography					
<b>Paper code:</b> GOG-205			<b>Program/Course:</b> Physical Geography of Goa			<b>Division:</b> -		
<b>Academic year:</b> 2025-2026			<b>Semester-IV</b>			<b>Total Lectures:</b> 32		
<p><b>Course Objectives:</b>  This course provides an in-depth exploration of the physical geography of Goa, covering its landforms, climate, natural resources, ecosystems, and environmental challenges. Through a combination of lectures, readings, field trips, and assignments, students will gain a comprehensive understanding of the physical characteristics and processes shaping the region.</p>								
<p><b>Course Learning Outcome:</b>  At the end of the successful completion of this course, students will be able to:</p> <ol style="list-style-type: none"> <li><b>Understand</b> the distinct physical divisions within Goa, including coastal areas, plains, hills, and any significant geographical features that shape the region.</li> <li><b>Compare and contrast</b> the Climate of Goa with that of the rest of the country</li> <li><b>Identify and analyze</b> the key challenges faced in water management in Goa</li> <li><b>Develop</b> an integrated perspective on the management of natural resources in Goa, considering the interconnectedness of minerals, forests, rivers, and water bodies, and recognizing the importance of sustainable practices.</li> </ol>								
Month	Lectures From:		To:	No. of lectures allotted	Topic, Subtopic to be covered	Learning Outcome	ICT Tools	Reference books
December	1/12/2025	6/12/2025	02	Introduction to Goa's Physical Geography -Geographic location, size		Students will be able to explain Goa's geographic location on the western coast of India, identify its surrounding boundaries, and	Board and PowerPoint presentation	1. Angle, P. S. "An Economic Review of Goa."  2. Claude Alvares, Fish Curry and

					describe its size, including total area and division into North and South Goa districts.		Rice. An Eco-Farm Publication, 2002
8/12/2025	13/12/2025	02	Administrative divisions of Goa	Students will be able to identify and describe the administrative divisions of Goa—its districts, sub-divisions, and talukas—and explain the roles of local governing bodies such as municipal councils and village panchayats.	Board and PowerPoint presentation	3. Coastal Zone Management Plans, Govt. Of Goa,  4. Daily newspapers published from Goa (Publication House) and Television News covering Goa.	
15/12/2025	20/12/2025	02	Physical Divisions of Goa	Students will be able to identify and describe Goa's three physical divisions—the Western Ghats, Plateaus, and Coastal Plains—and explain their main features and importance in shaping the state's geography, climate, and human activities.	Board and PowerPoint presentation	5. Economic Survey of Goa, DPSE publication, Govt. Printing Press, Panaji. 2000-2022  6. Gazetteer of Goa, Daman & Diu, Govt. of India. Govt. Printing Press, Panaji  7. Gomes, Olivinho J. F. "Goa." National Book Trust India, New Delhi. 2004	
22/12/2025	23/12/2025	01	Geological history of Goa	Students will be able to describe the major stages in	Board and PowerPoint presentation		

					Goa's geological history		8. Larsen, Karin, Faces of Goa, Gyan Publishing House, 1998.
January	02/12/2026	03/01/2026	01	Geological history of Goa	Students will be able to explain how processes like weathering, erosion, and tectonic activity have shaped its present-day landforms such as rocks, plateaus, and the Western Ghats.	Board and PowerPoint presentation	
	05/01/2026	10/01/2026	02	Landforms and their formation processes	Students will be able to identify major landforms and explain how they are formed by internal and external processes like uplift, erosion, and deposition.	Board and PowerPoint presentation	
	12/01/2026	17/01/2026	02	Climate of Goa and impact	Students will be able to describe Goa's climate and explain its effects on people, agriculture, tourism, and the environment.	Board and PowerPoint presentation	
	19/01/2026	24/01/2026	02	Soils of Goa	Students will be able to identify the major types of soils in Goa and explain	Board and PowerPoint presentation	

					their characteristics and suitability for agriculture and vegetation.		
	26/01/2026	31/01/2026	01	Natural Resources of Goa	Students will be able to identify the major natural resources of Goa and explain their uses and importance for the state's economy and environment.	Board and PowerPoint presentation	
February	2/02/2026	7/02/2026	02	Overview of minerals and mining activities	Students will be able to identify the major minerals of Goa and explain the significance and impact of mining activities on the economy and environment.	Board and PowerPoint presentation	
	09/02/2026	14/02/2026	02	Overview of minerals and mining activities	Students will be able to identify the major minerals of Goa and explain the significance and impact of mining activities on the economy and environment.	Board and PowerPoint presentation	
	16/02/2026	21/02/2026	02	Forest resources and biodiversity	Students will be able to identify Goa's Forest resources and biodiversity and explain their importance for the	Board and PowerPoint presentation	

					environment and human life.		
	23/02/2026	28/02/2026	02	Forest resources and biodiversity	Students will be able to identify Goa's Forest resources and biodiversity and explain their importance for the environment and human life.	Board and PowerPoint presentation	
March	02/03/2026	07/03/2026	02	Rivers, water bodies and irrigation projects of Goa	Students will be able to identify major rivers, water bodies, and irrigation projects in Goa and explain their importance for agriculture, water supply, and the environment.	Board and PowerPoint presentation	
	09/03/2026	14/03/2026	02	Rivers, water bodies and irrigation projects of Goa	Students will be able to identify major rivers, water bodies, and irrigation projects in Goa and explain their importance for agriculture, water supply, and the environment.	Board and PowerPoint presentation	
	16/03/2026	21/03/2026	02	Water management and challenges	Students will be able to explain the methods of water management in Goa and describe the challenges faced in ensuring	Board and PowerPoint presentation	

					sustainable water use.		
	23/03/2026	28/03/2026	02	Water management and challenges	Students will be able to explain the methods of water management in Goa and describe the challenges faced in ensuring sustainable water use.	Board and PowerPoint presentation	
	30/03/2026	31/03/2026	01	Revision			