

		Semester Lecture Plan					
Name of the college: Government College of Arts, Science & Commerce, Sanquelim -Goa							
Name of Faculty: Ms. Supriya Gaonkar				Subject: Geography			
Paper code: GOG-300				Program/Course: Principles of Geomorphology		Division:	
Academic year: 2025-26				Semester: V		Total Lectures: 15	
Course Objectives Aims to provide learners with a comprehensive understanding of topographical maps, imparting skills in map reading, interpretation, and practical application.							
Course Learning Outcome: At the end of the successful completion of this course, students will be able to: 1. Classify landforms based on topography, structure, processes, and tectonic origin. 2. Apply knowledge of geomorphological principles to analyze and interpret specific landforms and landscapes. 3. Develop mitigation and management strategies for geomorphic hazards, synthesizing understanding and critical analysis. 4. Demonstrate proficiency in reading and interpreting topographical maps and Develop sustainable strategies for different geographic regions based on topographical map data.							

Month	Practicals Date	No. of Practical planned (1practical – 2 lectures)	List of Experiments	Reference books
JUNE	23/0/2025	01	Introduction to Topographical Maps	Practical Geography
	30/0/2025	01	Understanding Symbols, legend	Practical Geography
	07/07/2025	01	Map Series and Scale	SOI- Toposheet
JULY	14/07/2025	01	Indexing of the Toposheet	SOI- Toposheet
	21/07/2025	01	Reading, Drawing and interpreting contour lines and profile	SOI- Toposheet
	28/07/2025	01	Identifying and locating key features on a local topographical map	SOI- Toposheet
AUGUST	4/08/2025	01	Measuring distances and calculating elevations using contour lines	SOI- Toposheet
	11/08/2025	01	Interpretation of Topographical Maps Study and interpretation of Indian Topographical	SOI- Toposheet
	18/08/2025	01	Mountainous Terrain Interpretation -Analyze the topographical map to identify mountain ranges, peaks, and valleys. -	SOI- Toposheet

	25/08/2025	01	Exercise : Slope Analysis and Land Use -Assess the steepness of slopes in the hilly terrain using contour lines.	SOI- Toposheet
SEPTEMBER	01/09/2025	01	Exercise- River Systems and Floodplains -Identify major rivers and their tributaries on the topographical map	SOI- Toposheet
	8/09/2025	01	Exercise- River Systems and Floodplains -Identify major rivers and their tributaries on the topographical map	SOI- Toposheet Physical Geography
	15/09/2025	01	Exercise- River Systems and Floodplains -Identify major rivers and their tributaries on the topographical map	SOI- Toposheet
	22/09/2025	01	Agricultural Land Use - Interpret patterns of agricultural land use in the plains.	SOI- Toposheet
	29/09/2025	01	Agricultural Land Use - Interpret patterns of agricultural land use in the plains.	SOI- Toposheet
OCTOBER	6/10/2025	01	Revision	SOI- Toposheet
	13/10/2025	01	Revision	SOI- Toposheet

