

Practical Plan

Name of the college: Government College of Arts, Science & Commerce Sanquelim Goa				
Name of Faculty. Arati Panshekar		Subject: Geography		
Paper code: GED 102 Practical in Physical Geography of India		Program: TYBA	Division:	
Academic year: 2024 - 2025		Semester: VI	Total Practicals/Labs: 15	
Credits: 02				
<p>Course Objectives: This course aims to equip students with the skills to prepare and interpret various types of maps, including base maps for locating geopolitical entities and physiographic regions in the Indian Ocean region. Students will learn to map and analyze India's major drainage basins, hydel power projects, and inland waterways. Additionally, they will explore the distribution of natural resources, such as soil, forests, minerals, and energy sources, across India.</p>				
<p>Expected Course Outcome: Students will develop the ability to create and interpret maps that depict India's geopolitical context, physiographic regions, and natural resources. They will also gain proficiency in mapping major drainage basins, hydel power projects, and inland waterways.</p>				
<p>Student Learning Outcome: Students will be able to accurately map and interpret India's physiographic regions, drainage basins, and natural resources. They will also demonstrate the ability to analyze geopolitical links in the Indian Ocean region through map preparation and interpretation.</p>				
Month	Practicals/Labs Scheduled Date	No. of Practical/Labs planned	List of Experiments	Reference books
July	04/07/2014	1	Preparation and Interpretation of Map	

				<p>Bolton. T., (2009): Geological Maps: Their Solution and Interpretation, Cambridge Univ. Press. (reprint).</p> <p>2. Monkhouse, F.J., Wilkinson, H.R., (1971). Maps and Diagrams: Their Compilation and Construction, 3rd ed (2017 reprint), Alphaneumera-Kolkata.</p> <p>3. Robinson, A.H., Morrison, J.L., Phillip, C.M., Kimerling, A.J., Guptill, S.C.,(1995): Elements of Cartography, 6th ed, Wiley.</p> <p>4. Sarkar, A.,(2015): Practical Geography: A Systematic Approach, 3rd ed, Orient Blackswan Private Ltd.</p> <p>5. Singh, R.L., Singh, R.P.B, (2008): Elements of Practical Geography, Kalyani Publishers.</p>
	11/07/2014	1	Base Map:Location and extent	
	18/07/2014	1	Neighboring countries	
	25/07/2014	1	Geo- Political link in Indian Ocean region	
August	01/08/2014	1	Major Physiographic regions: Mountains, Plateaus	
	08/08/2014	1	Major Physiographic regions: plains, coastal lands	
	15/08/2014	1	The Indus, The Ganga	
	22/08/2014	1	The Bramhaputra, Mahanadi,	
	29/08/2014	1	Krishna Cauvery Narmada, Tapi and Mahi, Mandovi and Zuari	
September	05/09/2024	1	Mapping of Hydel power projects	
	19/09/2024	1	Map of Inland waterways	
	26/09/2024	1	Maps of Natural Resources: Soil, Forest	

			Maps of Natural Resources: Mineral (iron ore, coal, petroleum, gas)
October	03/10/2024	1	
	10/10/2024	1	Maps of Natural Resources: thermal power.
	17/10/2024	1	Revision