

Practical Plan

Name of the college: Government College of Arts, Science & Commerce, Sanquelim Goa				
Name of Faculty: Ms. Shweta Patil		Subject: Geography		
Paper code: GOG 100 – Foundations in Geography		Program/Course: FYBA		Division:
Academic year: 2026- 2027		Semester: I		Total Practical/Labs: 1 practical (2hrs) Per Week
Course Objectives: The objective of the practical component is to equip students with technical knowledge and computer skills necessary to pursue a career in the field of Geospatial Technology.				
Expected Course Outcomes: At the end of the course student will learn technical knowledge and computer skills which necessary to pursue a career in the field of Geospatial Technology.				
Course Learning Outcome: Develop the ability to represent geospatial data using various techniques such as histograms, bar graphs, line graphs, scatter diagrams, pie diagrams, trend lines etc.				
Month	Practical/ Labs Scheduled Date	No. of Practical's/ Labs Planned	List of Experiments	Reference books
July	6/07/2026 & 8/07/2026	02	Definition, concepts of cartography. Nature and Scope of Cartography	Elements of Practical Geography – R.L. Singh
	13/07/2026 & 15 /07/2026	02	History and development of Cartography	Elements of Practical Geography – R.L. Singh
	20/07/2026 & 22 /07/2026	02	Characteristics of Map.	Elements of Practical Geography – R.L. Singh
	27/07/2026 & 29/07/2026	02	Categories of maps.	Elements of Practical Geography – R.L. Singh
	3/08/2026 & 5/08/2026	02	Methods of mapping	Elements of Practical Geography – R.L. Singh

	10/08/2026 & 12/08/2026	02	Methods of mapping	Elements of Practical Geography – R.L. Singh
	17/08/2026 & 19/08/2026	02	Relief maps.	Elements of Practical Geography – R.L. Singh
	24/08/2026 & 26/08/2026	02	Thematic maps	Elements of Practical Geography – R.L. Singh
	31/08/2026	01	Tends in Cartography	
September	2/09/2026	01	Hardware and software for computer cartography	Elements of Practical Geography – R.L. Singh
	07/09/2026 & 09/09/2026	02	Representation of geospatial data using Open-Source Office Management Software or MS Excel: Column charts, Pie chart	Elements of Practical Geography – R.L. Singh
	21/09/2026 & 23/09/2026	02	Line Chart, Area charts	Elements of Practical Geography – R.L. Singh
	28/09/2026 & 30/09/2026	02	Stock charts, Radar charts	Elements of Practical Geography – R.L. Singh
October	5/10/2026 & 07/10/2026	02	Bubble charts, Heat maps,	Elements of Practical Geography – R.L. Singh
	12/10/2026	02	Waterfall charts and Tree maps.	Elements of Practical Geography – R.L. Singh
	14/10/2026	02	Revision	Elements of Practical Geography – R.L. Singh

