

Practical Plan

Name of the college: Government College of Arts, Science & Commerce, Sanquelim Goa				
Name of Faculty: Mr. Vishal R. Gaonkar		Subject: Geography		
Paper code: GOG 100 – Digital Cartography		Program/Course: FYBA - Major		Division:
Academic year: 2025- 2026		Semester: I		Total Practical/Labs: 1 practical (2hrs) Per Week
Course Objectives: To introduce students with some basic Cartographic techniques with the help of 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: Students will 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
June	30/06/2025	02	Definition, concepts of cartography. Nature and Scope of Cartography	Elements of Practical Geography – R.L. Singh
July	07/07/2025	02	History and development of Cartography	Elements of Practical Geography – R.L. Singh
July	14/07/2025	02	Characteristics of Map.	Elements of Practical Geography – R.L. Singh
July	21/07/2025	02	Categories of maps.	Elements of Practical Geography – R.L. Singh
July	28/08/2025	02	Methods of mapping	Elements of Practical Geography – R.L. Singh

August	04/08/2025	02	Methods of mapping	Elements of Practical Geography – R.L. Singh
August	11/08/2025	02	Relief maps.	Elements of Practical Geography – R.L. Singh
August	18/08/2025	02	Thematic maps	Elements of Practical Geography – R.L. Singh
September	08/09/2025	02	Tends in Cartography	Elements of Practical Geography – R.L. Singh
September	15/09/2025	02	Hardware and software for computer cartography	Elements of Practical Geography – R.L. Singh
September	22/09/2025	02	Column Chart Pie chart, Line Chart	Elements of Practical Geography – R.L. Singh
September	29/09/2025	02	Area charts, Stock charts, Radar charts	Elements of Practical Geography – R.L. Singh
October	06/10/2025	02	Bubble charts, Heat maps,	Elements of Practical Geography – R.L. Singh
October	13/10/2025	02	Waterfall charts and Tree maps.	Elements of Practical Geography – R.L. Singh

