

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: 2026- 2027		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	22/06/2026	02	Definition, concepts of cartography. Nature and Scope of Cartography	Elements of Practical Geography – R.L. Singh
June	29/06/2026	02	History and development of Cartography	Elements of Practical Geography – R.L. Singh
July	06/07/2026	02	Characteristics of Map.	Elements of Practical Geography – R.L. Singh
July	13/07/2026	02	Categories of maps.	Elements of Practical Geography – R.L. Singh
July	20/07/2026	02	Methods of mapping	Elements of Practical Geography – R.L. Singh

July	27/07/2026	02	Methods of mapping	Elements of Practical Geography – R.L. Singh
August	03/08/2026	02	Relief maps.	Elements of Practical Geography – R.L. Singh
August	10/08/2026	02	Thematic maps	Elements of Practical Geography – R.L. Singh
August	17/08/2026	02	Tends in Cartography	Elements of Practical Geography – R.L. Singh
August	24/08/2026	02	Hardware and software for computer cartography	Elements of Practical Geography – R.L. Singh
August	31/08/2026	02	Column Chart Pie chart, Line Chart	Elements of Practical Geography – R.L. Singh
September	07/09/2026	02	Area charts, Stock charts, Radar charts	Elements of Practical Geography – R.L. Singh
September	21/09/2026	02	Bubble charts, Heat maps,	Elements of Practical Geography – R.L. Singh
September	28/09/2026	02	Waterfall charts and Tree maps.	Elements of Practical Geography – R.L. Singh
October	05/10/2026	02	Revision	Elements of Practical Geography – R.L. Singh

