

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: 2024- 2025

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
July	02/07/2024	02	Definition, concepts of cartography. Nature and Scope of Cartography	Elements of Practical Geography – R.L. Singh
July	09/07/2024	02	History and development of Cartography	Elements of Practical Geography – R.L. Singh
July	16/07/2024	02	Characteristics of Map.	Elements of Practical Geography – R.L. Singh
July	23/07/2024	02	Categories of maps.	Elements of Practical Geography – R.L. Singh
July	30/08/2024	02	Methods of mapping	Elements of Practical Geography – R.L. Singh

August	06/08/2024	02	Methods of mapping	Elements of Practical Geography – R.L. Singh
August	13/08/2024	02	Relief maps.	Elements of Practical Geography – R.L. Singh
August	20/08/2024	02	Thematic maps	Elements of Practical Geography – R.L. Singh
August	27/08/2024	02	Trends in Cartography	Elements of Practical Geography – R.L. Singh
September	03/09/2024	02	Hardware and software for computer cartography	Elements of Practical Geography – R.L. Singh
September	17/09/2024	02	Column Chart Pie chart, Line Chart	Elements of Practical Geography – R.L. Singh
September	24/09/2024	02	Area charts, Stock charts, Radar charts	Elements of Practical Geography – R.L. Singh
October	01/10/2024	02	Bubble charts, Heat maps,	Elements of Practical Geography – R.L. Singh
October	08/10/2024	02	Waterfall charts and Tree maps.	Elements of Practical Geography – R.L. Singh

