

Practical Plan		
Name of the college: Government College of Arts, science and Commerce Sanquelim Goa		
Name of Faculty: Dr. Arati Panshekar	Subject: Geography(Application of Field Study and Survey Techniques in Geography)	
Paper code: GOG 321	Program: TYBA	Division: A
Academic year: 2025 - 2026	Semester: V	Total Practicals/Labs: 15
Credits: 1		
Course Objectives: Course Objectives: This course is designed to provide undergraduate students with theoretical knowledge and practical skills necessary for conducting field studies and surveys in geography. Students will learn about various field study and survey techniques commonly used in geographical research, including their application, advantages, and limitations. Through practical exercises and fieldwork, students will develop hands-on experience in data collection, analysis, and interpretation.		
Expected Course Outcome: At the end of the successful completion of this course, students will be able to: 1. Comprehend the importance and objectives of field studies and surveys in geographical research. 2. Develop a fieldwork plan outlining sampling methods, data collection protocols, and safety measures. 3. Synthesize field study findings and survey results to generate comprehensive reports or presentations, effectively communicating their research outcomes. 4. Deliver an oral presentation summarizing the methodology, results, and implications of a field study to peers and faculty members.		
Student Learning Outcome: By the end of this course, students will gain theoretical knowledge and practical skills in geographical field studies and surveys.		

They will be able to collect, analyze, and interpret primary data using appropriate techniques. Students will also develop the ability to prepare field reports and apply field-based insights to real-world geographical issues.				
Month	Practicals/Labs Scheduled Date	No. of Practical/Labs planned	List of Experiments	Reference books
June	23-06-2025	2	Introduction to Field Report Writing: Purpose and Components	1. Dikshit, R. D. The Art and Science of Geography: Integrated Read-ings, Prentice-Hall of India, 2003, New Delhi. 2. Evans, M. "Participant Observation: The Researcher as Research Tool" in Qualitative Methods in Human Geography, edited by J. Eyles and D. Smith, Polity, 1988. 3. Mukherjee, Neela. Participatory Learning and Action: with 100 Field Methods, Concept Pubs. Co., 2002, New Delhi. 4. Robinson, A. "Thinking Straight and Writing That Way" in Writing Empirical Research Reports: A Basic Guide for Students of the Social and Behavioral Sciences, edited by F. Pryczak and R. Bruce Pryczak, Publishing, 1998, Los Angeles. 5. Special Issue on "Doing Fieldwork" The Geographical Review, vol. 91, no. 1-2, 2001.
July	28-06-2025	2	Understanding the Structure and Format of a Standard Field Report	
	05-07-2025	2	Framing Objectives and Methodology for Field Reports	
	12-07-2025	2	Techniques for Organizing and Summarizing Field Observations	
	19-07-2025	2	Using Tables to Present Field Data Effectively	
	26-07-2025	2	Designing Figures and Graphs (Bar, Line, Pie Charts) for Geographical Data	
August	02-08-2025	2	Drawing and Interpreting Diagrams (Flowcharts, Cross-sections, Sketches)	
	09-08-2025	2	Preparation of Thematic Maps from Field Data (Choropleth, Dot, Isoline)	
	16-08-2025	2	Statistical Methods for Basic Data Analysis	

			(Mean, Median, Mode, Range)
25-08-2025 to 30-08-2025 (Chaturthi vacation)			
September	06-09-2025	2	Writing Results and Interpretation Sections in Field Reports
	13-09-2025	2	Comparative Analysis of Primary and Secondary Field Data
	20-09-2025	2	Using Case Studies to Analyze Land Use, Settlement, or Resource Use Data
	27-09-2025	2	Group Activity: Interpretation of Field Survey Results from a Local Case Study
October	04-10-2025	2	Creating and Designing Poster Presentations for Fieldwork Results
	11-10-2025	2	Mock Presentation and Peer Review: Oral + Poster Presentation Evaluation