

Lecture Plan		
Name of the college: Government college of Arts, Science and Commerce, Sanquelim Goa		
Name of Faculty: Dr. Arati Panshekar	Subject: Geography	
Paper code: GOG 321 Application of Field Study and Survey Techniques in Geography (Vocational)	Program: BSc	Division: A
Academic year: 2026 - 2027	Semester: V	Total Lectures: 15
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. 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.		
Student Learning Outcome: Upon successful completion of this course, students will be able to: 1. Explain the significance, principles, ethics, scope, and methods of geographical fieldwork and surveys. 2. Plan and conduct geographical field studies by selecting appropriate study sites, sampling techniques, field equipment, and data collection methods.		

3. **Analyze and interpret** quantitative and qualitative field data using statistical techniques, spatial analysis, maps, graphs, charts, and other visualization tools.
4. **Prepare and present** professional field reports by organizing, interpreting, and communicating field findings effectively through written reports, oral presentations, and posters.

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
June	22/06/2026	27/06/2026	3	Lecture Topics	• Mapping • Flowchart Preparation • Mind Mapping • Group Discussion • Group Debate • Case Study Analysis • Thematic Map Interpretation • Quiz • Field Observation • Field Report Writing • Collaborative Learning Activity • Google Earth Exploration • Google Maps Exercise	• Debate • Classroom Teaching • Google Maps • Power point presentation • Quiz • Discussion	1. Dikshit, R. D. <i>The Art and Science of Geography: Integrated Readings</i>, Prentice-Hall of India, 2003, New Delhi. 2. Evans, M. "Participant Observation: The Researcher as Research Tool" in <i>Qualitative Methods in Human Geography</i>, edited by J. Eyles and D. Smith, Polity, 1988. 3. Mukherjee, Neela. <i>Participatory Learning and Action: with 100 Field Methods</i>, Concept Publs. Co., 2002, New Delhi. 4. Robinson, A. "Thinking Straight and Writing That Way" in <i>Writing Empirical Research Reports: A Basic Guide for Students of the Social and Behavioral Sciences</i>, edited by F. Pryczak and R. Bruce Pryczak, Publishing, 1998, Los Angeles. 5. <i>Special Issue on "Doing Fieldwork"</i> The Geographical Review, vol. 91, no. 1-2, 2001. 6. Stoddard, R. H. <i>Field Techniques and Research Methods in Geography</i>, Kendall/Hunt, 1982.
June	29/06/2026	04/07/2026	3	Introduction to Field Work: Meaning, Nature, Scope, and Importance in Geography			
July	06/07/2026	11/07/2026	3	Importance of Field Work in Geographical and Societal Studies			
July	13/07/2026	18/07/2026	3	Role, Value, and Ethics of Geographical Field Work			
July	20/07/2026	25/07/2026	3	Scope of Field Work in Society, Government, Market, and Non-Government Organizations			
July	27/07/2026	01/08/2026	3	Importance and Objectives of Field Studies and			

				Surveys
August	03/08/2026	08/08/2026	3	Factors Influencing Field Work and Geographical Surveys
August	10/08/2026	15/08/2026	3	Limitations and Challenges of Field Work and Field Surveys
August	17/08/2026	22/08/2026	3	Types of Geographical Field Studies
August	24/08/2026	29/08/2026	3	Survey Methods in Geographical Research
September	31/08/2026	05/09/2026	3	Planning and Designing a Geographical Field Study
September	07/09/2026	12/09/2026	3	Selection of Study Area and Formulation of Research Objectives
September	21/09/2026	26/09/2026	3	Sampling Techniques in Geographical Field Surveys
September	28/09/2026	03/10/2026	3	Ethical Considerations in Geographical Research and Field

7. Wolcott, H. *The Art of Fieldwork*, Alta Mira Press, 1995, Walnut Creek, CA

				Investigations		
October	05/10/2026	10/09/2026	3	Data Collection Techniques in Geographical Field Work		
October	12/10/2026	14/10/2026	3	Data Analysis and Interpretation Techniques in Geographical Research		

*** Assessment Rubrics**

Component	Max Marks
ISA 1	7.5
ISA 2	7.5
Practical	25
Semester End Exam	60