

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:GEC110- Quantitative Techniques in Geography- II

Program/Course: TYBA (Honors)

Division: A

Academic year: 2024- 2025

Semester: VI

Total Practical/Labs: 1 practical (2hrs) Per Week

Course Objectives: To introduce students with some basic statistical techniques, relevant to geographical research as the Project/Dissertation is compulsory at UG/PG Level.

Expected Course Outcomes: At the end of the course student will learn different statistical methods which will benefit them in their daily life and for future studies or for Research work.

Course Learning Outcome: Students will familiarize themselves with the application of various Statistical methods and approaches in real world especially in project and research work.

Month	Practical/ Labs Scheduled Date	No. of Practical's/ Labs Planned	List of Experiments	Reference books
December	09/12/2024	02	Non-Parametric statistics	Statistics- V.K. Kapoor
December	16/12/2024	02	Scatter Diagram	Statistics- V.K. Kapoor
January	06/01/2025	02	Karl Pearson's correlation	Statistics- V.K. Kapoor
January	13/01/2025	02	Karl Pearson's correlation	Statistics- V.K. Kapoor
January	20/01/2025	02	Spearman's Rank correlation	Statistics- V.K. Kapoor

January	27/01/2025	02	Kendall's Rank correlation	Statistics- V.K. Kapoor
February	03/02/2025	02	Non-Parametric statistics: Hypothesis testing	Statistics- V.K. Kapoor
February	10/02/2025	02	Chi-square test	Statistics- V.K. Kapoor
February	17/02/2025	02	Variance analysis	Statistics- V.K. Kapoor
February	24/2/2025	02	T-test	Statistics- V.K. Kapoor
March	03/03/2025	02	Matrices and Indices	Statistics- V.K. Kapoor
March	10/03/2025	02	Index numbers : unweighted and weighted indices	Statistics- V.K. Kapoor
March	17/03/2025	02	Cost of living index	Statistics- V.K. Kapoor
March	24/03/2025	02	Preparation of survey report	Statistics- V.K. Kapoor
April	07/04/2025	02	Revision	Statistics- V.K. Kapoor

