

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: GEC108- Quantitative Techniques in Geography		Program/Course: TYBA (Honors)		Division: A
Academic year: 2024- 2025		Semester: V		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
July	05/07/2024	02	Descriptive Statistics – I Tabulation	Statistics- V.K. Kapoor
July	12/07/2024	02	Types of Table, Components of table and Tally Mark.	Statistics- V.K. Kapoor
July	17/07/2024	02	Graphical Representation of Frequency Distribution – Histogram.	Statistics- V.K. Kapoor
July	24/07/2024	02	Graphical Representation of Frequency Distribution - Frequency Polygon and Frequency Curve.	Statistics- V.K. Kapoor
August	01/08/2024	02	Measures of Central Tendency- Arithmetic Mean – Ungrouped data	Statistics- V.K. Kapoor

August	08/08/2024	02	Measures of Central Tendency- Arithmetic Mean – Grouped data	Statistics- V.K. Kapoor
August	15/08/2024	02	Calculation of Median –Grouped and Ungrouped data	Statistics- V.K. Kapoor
August	22/08/2024	02	Calculation of Mode–Grouped and Ungrouped data	Statistics- V.K. Kapoor
August	29/08/2024	02	Calculation of Partition Values	Statistics- V.K. Kapoor
September	02/09/2024	02	Calculation of Deciles and Percentiles	Statistics- V.K. Kapoor
September	16/09/2024	02	Geometric Mean and Combined Mean	Statistics- V.K. Kapoor
September	23/09/2024	02	Absolute Measures of Dispersion and skewness - Range and Quartile Deviation	Statistics- V.K. Kapoor
September	30/09/2024	02	Mean Deviation, Standard Deviation and Variance	Statistics- V.K. Kapoor
October	07/10/2024	02	Coefficient of variation (C.V.), Lorenz curve.	Statistics- V.K. Kapoor
October	14/10/2024	02	Revision	Statistics- V.K. Kapoor

