

Practical Plan

Name of the college: Govt. College of Arts, Science and Commerce, Sanquelim – Goa

Name of Faculty: Dr. Suphala Pujari

Subject: Zoology

Paper code: ZOD 101 (Practical)

Program: TY BSc

Division: A

Academic year: 2024 - 2025

Semester: V

Total Practicals/Labs: 11

Credits: 02

Course Objectives: To understand the basic principles in research methodology and biostatistics.

Expected Course Outcome: Sound practical knowledge of the various research methodologies and research methods that are commonly used by the researchers.

Student Learning Outcome: Students will gain knowledge on conducting research and data analysis. Students will also know how to report research effectively in a scientific manner

Month	Practicals/Labs Scheduled Date	No. of Practical/Labs planned	List of Experiments	Reference books
July	04/07/2024	1	Manual calculation of statistical methods – mean, median and mode	<ul style="list-style-type: none"> • Laboratory Manual • Kothari, C. R (2009) Research Methodology, New Age
	11/07/2024	1	Manual calculation of statistical methods - standard deviation and standard error	
	18/07/2024	1	Manual calculation of statistical methods such as - correlation, regression	
	25/07/2024	1	Data collection on the field: sampling	
August	01/08/2024	1	Data collection in the lab: Experimentation	

	08/08/2024	1	Calculation of statistical methods using basic statistical software	International, New Delhi
	22/08/2024	1	Data collection from questionnaires	
	29/08/2024	1	Digital presentation of data in the form of graphs, tables, charts	
September	05/09/2024	1	Data collection on the field: mapping and surveying	
	19/09/2024	1	Data collection on the field: mapping and surveying, contd.	
	26/09/2024	1	Digital presentation of data in the form of graphs, tables, charts	
October	03/10/2024	1	Revision	
	10/10/2024	1	Completion of journal	
	17/10/2024	1	Certification of Journal	