

Lecture Plan							
Name of the College: Government College of Arts, Science and Commerce. Sanquelim - Goa							
Name of Faculty: Ms. Aarti Suresh Malik				Subject: BASIC STATISTICS			
Paper code: ECO 300				Program: BA		Division:	
Academic year: 2025-26				Semester: V		Total Lectures:30	
Course Objectives: To familiarise students with basic statistical concepts and tools for analysing data.							
Student Learning Outcome: The students will be able:							
1. To summarize and explore data in spreadsheets.							
2. To measure the association in spreadsheets							
Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
SEPTEMBER 2025	08/09/25	13/09/25		Unit 4 :Exploring data with Association:	Numerical data to solve	PPT, smart board	Alan Agresti, Franklin and Bernhard Klingberg (2017) The Art and Science of Learning from Data
			04	Practical : Estimating measures of Association			

	15/09/25	20/09/25	04	Association between two categorical variables & Quantitative variables	Data to find out correlation	PPT, smart board	Alan Agresti, Franklin and Bernhard Klingberg (2017) The Art and Science of Learning from Data
	22/09/25	27/09/25	04	Predicting the outcome of a variable, cautions in analysing associations Practical : Interpreting measures of Association		PPT, smart board PC	Alan Agresti, Franklin and Bernhard Klingberg (2017) The Art and Science of Learning from Data
OCTOBER 2025	29/09/25	04/10/25	04	Unit 3: Exploring Data with Descriptive Statistics: Types of data, measuring the centre of quantitative data	Calculate using formula	PPT, smart board	Alan Agresti, Franklin and Bernhard Klingberg (2017) The Art and Science of Learning from Data
	06/10/25	11/10/25	04	Measuring the variability of quantitative data Using measures of position to describe variability.		PPT, smart board	Alan Agresti, Franklin and Bernhard Klingberg (2017) The Art and Science of Learning from Data
	13/10/25	18/10/25	04	Revision		PPT, smart board	Alan Agresti, Franklin and Bernhard Klingberg (2017) The Art and Science of Learning from Data

Assessment Rubrics	Component	Max Marks
	ISA 1	7.5
	ISA 2	7.5
	SEE	60