

Curriculum Delivery for the 1st Semester

Subject: Statistics (Minor)

Session: 2025-2026

<i>Semester – I</i>				
Name of the teacher	CC	Unit /Gr	Subject	Classes
Dr. Sarifuddin	1A		Unit 1 Introduction: Definition and scope of Statistics, concepts of statistical population and sample. Data: quantitative and qualitative, attributes, variables, scales of measurement - nominal, ordinal, interval and ratio. Frequency distribution, Presentation: tabular and graphic, including histogram and ogives.	
Bilkish Khatun			Unit 2 Measures of Central Tendency : mathematical and positional. Measures of Dispersion: range, quartile deviation, mean deviation, standard deviation, coefficient of variation, moments, skewness and kurtosis.	
Gourab Mitra			Unit 3 Bivariate data: Definition, scatter diagram, simple, partial and multiple correlation (3 variables only), rank correlation (Spearman). Simple linear regression, principle of least squares and fitting of polynomials and exponential curves.	
Babulal Tudu			Unit 4 Theory of attributes, consistency of data, independence and association of attributes, measures of association and contingency.	
			Statistical Methods Lab (Prac) Credit 2 List of Practical 1. Graphical representation of data 2. Problems based on measures of central tendency 3. Problems	