

**Koyana Education Society, Patan
BALASAHEB DESAI COLEGE, PATAN
DEPARTMENT OF STATISTICS**


**Academic Year 2023-2024
Monthly Teaching Plan
Semester I**

**Subject: Statistics
Paper No.: I and II (Theory)**

**Class: B.Sc. I
Month : July**

Date	Unit and Subunits	Teaching method and Aids
06/07/2023	Introduction with student, Syllabus, Nature of the Exam.	Teaching method Lecture, Inductive Deductive Review lesson Problem Solving Drill-lesson Analytic Teaching Aids Compute LCD PPT Google Classroom YouTube
07/07/2023	Unit 1.1 : Introduction to Statistics Meaning, Importance of Statistics	
08/07/2023	Various fields where Statistics is used and Various statistical organizations in India.	
10/07/2023	Unit 1.2 : Population and Sample : Statistical population and Types	
11/07/2023	Census & Sampling method	
13/07/2023	Sampling methods : SRSWR and SRSWOR	
14/07/2023	Sampling methods : Stratified random sampling	
15/07/2023	Sampling methods : Systematic sampling	
17/07/2023	Unit 1.3 : Nature of Data : Data and types	
18/07/2023	Time series data	
21/07/2023	Primary and Secondary data	
22/07/2023	Quantitative and Qualitative data	
24/07/2023	Attributes, Variables	
25/07/2023	Discrete and Continuous variables	
27/07/2023	Nominal, Ordinal	
28/07/2023	Interval and Ratio scale	
31/07/2023	illustrative examples.	

No. of periods / Lectures					Action Taken
Planned	Missed	Extra taken	Actual taken	Syllabus Remaining	
17	02	02	17	00 Lecture	Completed as per plan


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Academic Year 2023-2024
Monthly Teaching Plan
Semester III

Subject: Statistics
Paper No.: V and VI (Theory)

Class: B.Sc. II
Month : July

Date	Unit and Subunits	Teaching method and Aids
13/07/2023	Unit 1.1: Some Bivariate Discrete Distributions: Trinomial Distribution: Introduction	Teaching method Lecture, Inductive Deductive Review lesson Problem Solving Drill-lesson Analytic Teaching Aids Compute LCD PPT Google Classroom YouTube
14/07/2023	Definition, p.m.f., p.g.f.,	
15/07/2023	Means, Variances and Covariance	
17/07/2023	Correlation coefficient. Generalization of trinomial	
18/07/2023	Distribution of X_1+X_2 using p.g.f. Variance - covariance matrix of (X_1, X_2) and problems	
19/07/2023	Bivariate Poisson Distribution: Definition, p.m.f.	
21/07/2023	The marginal and conditional distribution and corresponding means and variances	
22/07/2023	Variance - covariance matrix of (X_1, X_2) and problems	
24/07/2023	Unit 1.2: univariate Continuous distribution: Definition of the continuous sample space and continuous r. v	
25/07/2023	p. d. f., c. d. f. and their properties	
26/07/2023	Mean, Variance and Problems on it	
27/07/2023	harmonic mean and Problems on it	
28/07/2023	Quartiles, Median and Problems on it	
31/07/2023	Mode and Problems on it	

No. of periods / Lectures					Action Taken
Planed	Missed	Extra taken	Actual taken	Syllabus Remaining	
14	00	00	14	00 lecture	Completed as per plan


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