

Semester 1	Course Type	Paper Name	Paper No.	Learning Outcome of Paper
B.Sc	Core	Descriptive	STAT- C-101	To enable students to develop a clear
B.Sc	Core	Calculus	STAT -C-102	To understand the concept of Differential
B.Sc	GE	Statistical	STAT- GE - 1	Students will learn basic concepts of
B.Sc	Core(Math.S	Descriptive	Core-1	To imbibe strong foundation of statistics.To
Semester 2	Course Type	Paper Name	Paper No.	Learning Outcome of Paper
B.Sc	Core	Probability and	STAT-C-201	Students will have clear understanding of
B.Sc	Core	Algebra	STAT-C-202	After completing this course, students should
B.Sc (Hons.)	GE	Introductory	STAT- GE - 2	•The fundamental concepts of Probability
B.Sc	Core	Statistical	Core - 2	Fundamental concepts of statistical methods.
Semester 3	Course Type	Paper Name	Paper No.	Learning Outcome of Paper
B.Sc	Core	Sampling	STAT-C-301	1)To understand the basic concepts of
B.Sc	Core	Survey Sampling	STAT-C-302	Fundamental concept of population and
B.Sc	Core	Mathematical	STAT-C-303	After completing this course, students should
B.Sc	SEC	Statistical Data	STAT-SEC-2	1) Students will demonstrate an understanding
B.Sc	GE	Basics of	STAT - GE-3	After completing this course, students should
B.Sc (P)	Core	Statistical	Core-3	•Parameter, statistic, standard error, sampling
B.Sc (P)	SEC	Data Analysis	SEC 1	This is the skill enhancement paper in which
Semester 4	Course Type	Paper Name	Paper No.	Learning Outcome of Paper
B.Sc	Core	Statistical	STAT-C-401	• Different methods of finding point estimators
B.Sc	Core	Linear Models	STAT - C - 402	After completing this course, students should
B.Sc	Core		STAT-C-403	1) Students will develop an understanding of
B.Sc	SEC	Statistical	STAT-SEC-3	This paper aims to provide the students with
B.Sc	GE	Applied statistics	STAT- GE-4	Students will get knowledge of statistical
B.Sc (P)	Core	Sample Surveys	Core - 4	The basic concept of sample survey and its
B.Sc (P)	SEC	Statistical	SEC 2	• The fundamental concepts of C programming
Semester 5	Course Type	Paper Name	Paper No.	Learning Outcome of Paper
B.Sc	Core	Stochastic	STAT-C-501	This paper aims to introduce the concept of
B.Sc	Core	Statistical	STAT-C-502	• Various data types, operators, library
B.Sc	DSE	Time Series	STAT - DSE-1 (A)	After completing this course, the students will
B.Sc	DSE	Operations	STAT - DSE-2(A)	After completing this course, the students
B.Sc (P)	SEC 3	Statistical	SEC 3	•How simulation is used to understand the
B.Sc (P)	DSE	Statistical	DSE-1-(ii)	1) Students will demonstrate the basic
Semester 6	Course Type	Paper Name	Paper No.	Learning Outcome of Paper
B.Sc	Core	Design of	STAT-C-601	After completing this course, students should
B.Sc	Core	Multivariate	STAT-C-602	1.To understand the basic concepts of

B.Sc	DSE	Biostatistics and	STAT- DSE - 3(B)	To analyse censored data and its application in
B.Sc	DSE	Financial Statistics	STAT - DSE - 4(A)	This paper aims to explain the practical
B.Sc (P)	SEC 4	Statistical	SEC 4	1. This course develops understanding of
B.Sc (P)	DSE	Index Number and	DSE 2-(i)	students will possess the ability to appreciate.