F.Y. B.Sc. Comp. Sci. ForAcademic Year 2022-23
Pattern 2019 Semester I

Subject Code	Subject Name	
CS-111	Problem Solving using Computer and 'C' Programming	
CS-112	Database Management Systems	
CS-113	Practical course based on CS111 and CS112	
MTC-111	Matrix Algebra	
MTC-112	Discrete Mathematics	All Compulsory Subjects
MTC-113	Practical- Mathematics	
ELC-111	Semiconductor Devices and Basic Electronics Systems	
ELC-112	Principles of Digital Electronics	
ELC-113	Electronics Lab – I A	
CSST-111	Descriptive Statistics - I	
CSST-112	Mathematical Statistics	
CSST-113	Statistics Practical – I	

Pattern 2019 Semester II

Subject Code	Subject Name	
CS-121	Advanced 'C' Programming	
CS-122	Relational Database Management Systems	
CS-123	Practical course based on CS201 and CS202	
MTC-121	Linear Algebra	
MTC-122	Graph Theory	
MTC-123	Pratical-Mathematics	
ELC-121	Instrumentation Systems	All Compulsory Subjects
ELC-122	Basic of Computer Organization	
ELC-123	Electronics Lab – I B	
CSST-121	Methods of Applied Statistics	
CSST-122	Continous Probability Distributions & Testing of Hypothesis	
CSST-123	Statistics Practical – II	
22999	Democracy, Election & Governance	
G-1	Physical Education - Gr I Sem-II	