

For Academic Year 2022-23 2019 Pattern CBCS

**S. Y. B. Sc.( Computer Science)  
Semester III**

<b>Subject Code</b>	<b>Subject Name</b>
CS-231	Data Structures and Algorithms – I
CS-232	Software Engineering
CS-233	Practical course based on 231 & 232
MTC-231	Groups & Coding Theory
MTC-232	Numerical Techniques
MTC-233	Mathematics Practical
ELC- 231	Microcontroller Arch. & Programming
ELC- 232	Digital Communication & Networking
ELC- 243	Electronics Practical course-I
23921	Environment Science – I
23922	Language Communication – I

**Semester IV**

<b>Subject Code</b>	<b>Subject Name</b>
CS-241	Data Structures and Algorithms – II
CS-242	Computer Networks - I
CS-243	Practical course based on CS401
MTC-241	Computational Geometry
MTC-242	Operation Research
MTC-243	Mathematics Practical
ELC- 241	Embedded System Design
ELC- 242	Wireless Communication
ELC- 243	Electronics Practical course-I
24921	Environment Science – II
	Language Communication – II