Bachelor of Science - CS (B.Sc. CS)

Intake Capacity: 60 Students

Candidate shall have passed H.S.C. examination of the Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent with Mathematics as-one of the subject and have secured not less than 45% marks in aggregate (40% marks in case of reserved category candidate. This Course shall be a full time course. The duration of the course will be SIX semesters spread over 3 years.

First Year	
First Semester	Second Semester
Digital Systems & Architecture	Design & Analysis of Algorithms
Introduction to Programming with Python	Advanced Python Programming
LINUX Operating System	Introduction to OOPs using C++
Open Source Technologies	Database Systems
Discrete Mathematics	Calculus
Descriptive Statistics	Statistical Methods
Soft Skills	E-Commerce & Digital Marketing
Second Year	
Principles of Operating Systems	Theory of Computation
Linear Algebra	Computer Networks
Data Structures	Software Engineering
Advanced Database Concepts	IoT Technologies
Java based Application Development	Android Application Development
Web Technologies	Advanced Application Development
Generic Elective(Select Any One)	**Generic Elective(Select Any One)**
Creative Content Writing Green Technologies	Research Methodology Management & Entrepreneurship
Third Year	
Elective-I (Select Any Two)	**Elective-I (Select Any Two)**
Artificial Intelligence Linux Server Administration Software Testing and Quality Assurance	Wireless Sensor Networks and Mobile Communication Cloud Computing Cyber Forensics
Elective-I (Select Any Two)	**Elective-I (Select Any Two)**
Information and Network Security Architecting of IoT Web Services	Information Retrieval Digital Image Processing Data Science
Skill Enhancement	**Skill Enhancement**
Game Programming	Ethical Hacking