BCA
Programme Structure

All students will follow the same curriculum in the first 4 semesters. Subjects will vary in the fifth and sixth semesters depending on the technology related interests and electives.

FIRST SEMESTER
Fundamentals of IT and Programming
Programming in C
Basic Mathematics
Understanding PC and Troubleshooting
Practical - Programming in C

SECOND SEMESTER
Operating Systems
Data Structures and Algorithms
Object Oriented Programming – C++
Digital Logic
Communication Skills and Personality Development
Practical - Data Structures and Algorithm Using C++

THIRD SEMESTER
Computer Oriented Numerical Methods
DBMS
Computer Organisation
Practical - DBMS
Basics of Data Communication

FOURTH SEMESTER
Java Programming
System Software
Principles of Financial Accounting and Management
Practical - Java Programming
Practical - System Software Programming
Computer Networking

FIFTH SEMESTER
Web Design
Visual Programming
Software Engineering
Practical - Visual Programming
Practical - Web Design
Elective 1
Python Programming
Practical - Python Programming

SIXTH SEMESTER
Project
Elective 2
Elective 3
Mobile Application Development
Practical - Mobile Application Development