

### **Semester I :-**

-----

- Computer Organization
- Problem Solving and Programming
- Business Process
- Data Structures
- Accounting and Financial Management
- Data Structure Lab
- Programming Lab

### **Semester II :-**

-----

- Mathematical Foundation of Computer Science
- Object Oriented Programming
- Design and Analysis of Algorithms
- Database Management Systems
- Operating Systems
- Object Oriented Programming
- DBMS LAB
- Algorithms Lab

### **Semester III :-**

-----

- Computer Networks
- Microprocessors and its Applications
- Software Engineering
- Computer Graphics and Multimedia Systems
- Internet Programming
- Graphics and Multimedia Lab
- Microprocessor Lab
- Internet Programming Lab

### **Semester IV :-**

-----

- UNIX and Network Programming
- Resource Management Techniques
- Object Oriented Analysis and Design
- Middle-Ware Technologies
- Visual Programming Lab
- Elective I
- Unix and Network Programming Lab

- Middleware Lab

### **Semester V :-**

-----

- XML and Web Services
- Elective II
- Elective III
- Elective IV
- Software Project Management
- XML and Web Services Lab
- Software Development Lab

### **Semester VI :-**

-----

- Project