

# **BCA**

## **Semester – I**

- Modern Operating Environment
- Financial Accounting
- Principles of Management
- Business Communication
- Laboratory Course – Tally/MS Office
- Business Mathematics & Statistics
- C Programming
- Database Management System

## **Semester – II**

- Organizational Behavior
- Digital Electronics
- E – Commerce
- Laboratory Course – C/SQL
- Data Structures
- Object – Oriented Programming and UML with C++
- Business Accounting
- Problem – Solving Programming

## **Semester – III**

- Data Structure using C
- Relational Database Management System
- Business Mathematics
- Software Engineering
- Operating System
- Laboratory Course – C/SQL
- Computer Network (CISCO Track)
- Computer Organization and Architect

## **Semester – IV**

- Object – Oriented Programming in C++
- Human Resource Management
- Enterprise Resource Planning
- Visual Basic
- Computer Networking
- Laboratory Course – VB / C++
- Agile Systems
- Web Technology with PHP

## **Semester – V**

- Web Technologies.net
- Core Java
- Computer Graphics and Animation
- Object – Oriented Software Engineering
- Project (C++ / VB)
- Laboratory Course – Java/Web Technologies/ VB.net
- Digital Marketing
- Android Development

## **Semester – VI**

- Advanced Web Technologies
- Advanced Java
- Recent Trends in IT
- Software Testing
- Software Engineering
- Laboratory Course – Advanced Web Technologies/ Advanced Java
- Information Security
- Project Works