

SYLLABUS - Bachelor of Computer Application(BCA)

FIRST YEAR

FIRST SEM

1. Computer Fundamental & Programming
2. Fundamentals of Management
3. Language and Communication
4. Mathematics-I
5. Personal Computer Software

Practical course

6. Computer Fundamental & Programming lab
7. PC Software lab

SECOND SEM

1. Digital Electronics
2. Discrete Mathematics
3. Mathematics-II
4. Programming in C
5. Managerial Economic

Practical Course

6. 'C' Programming Lab
7. Digital Electronics Lab

SECOND YEAR

THIRD SEM

1. Computer Oriented Numerical Analysis
2. Computer Organization
3. Data Structure using C
4. Object Oriented Programming using C++
5. Organizational Behavior

Practical course

6. OOPs Programming lab.
7. Numerical Technique lab

FOURTH SEM

1. Operating system
2. Introduction to DBMS and SQL
3. Management information system
4. Visual Basic
5. System analysis and design

Practical Course

6. VB and DBMS Lab
7. Operating system lab

THIRD YEAR

FIFTH SEM

1. Computer Graphic and Animation
2. Computer Network
3. Introduction to Internet Programming.
4. Advance Computer Architecture
5. Software Engineering

Practical Course

6. Internet Programming Lab
7. Computer Graphic Lab

SIXTH SEM

1. Multimedia Concept and Application
2. Artificial Intelligence
3. Web Technology
4. Introduction to .NET

Practical Course

5. Web Technology Lab
6. Major Project

