

# Bachelor Program in Computer Application

## Sem – I

1. Digital Electronics
2. Business Systems & Applications
3. Introduction to Programming
4. Mathematics
5. PC Software

## Sem – II

1. Computer Architecture & System Software
2. Information Systems Analysis & Design
3. Computer Programming
4. Mathematics
5. English Language & Communication

## Sem – III

1. Operating Systems
2. Data Structure with C
3. Graphics & Internet
4. Mathematics for Computing
5. Management & Accounting

## Sem – IV

1. Data Base Management System
2. Object Oriented Programming with C++
3. Software Project Management & Quality Assurance
4. Statistics, Numerical Methods & Algorithms
5. Environment & Ecology

## Sem – V

1. Data Communication & Computer Networks
2. Unix & Shell Programming
3. Windows Programming
4. Values & Ethics of Profession

## 5. Human Computer Interaction

### Sem – VI

1. Advanced Unix & Shell Programming
2. Multimedia & E-commerce
3. Intelligent Systems
4. Image Processing
5. Software Engineering