

Diploma in Computer Science Engineering

Sem – I

1. Applied Mathematics I
2. Applied Science
3. Concept of Electrical & Electronics Engineering
4. Introduction to Computer Concepts
5. Basic Electronics

Sem – II

1. Basic Computer Skills
2. Engineering Mathematics II
3. English Communication
4. Digital Electronics
5. Programming with C

Sem – III

1. Computer Organization
2. Data Structure Using C
3. Computer Networks
4. PC Hardware & Networking
5. Graphical User Interface

Sem – IV

1. Web Designing
2. OOP with C++
3. Database Management Systems
4. Operating System
5. Software Engineering

Sem – V

1. Basic Management Skills & Indian Constitution
2. Programming With Java
3. Web Programming
4. Network Security Management
5. App Development

Sem – VI

1. Mobile Computing
2. Computer Architecture
3. Operating System
4. Computer Networking
5. Hardware Technology

Bachelor Program in Computer Science Engineering

Sem – I

1. Calculus
2. Physics
3. Mechanics of Solids
4. Engineering Graphics
5. English
6. Linear Algebra

Sem – II

1. Chemistry
2. Environment & Energy Studies
3. Art of Programming
4. Elements of Electrical Engineering
5. Communication Skills
6. Engineering Mathematics II

Sem – III

1. Matrices
2. Three Dimensional Analytical Geometry
3. Geometrical Applications of Differential Calculus
4. Functions of Several Variables
5. Ordinary Differential Equations
6. Fundamentals of Computers & Operating Systems

Sem – IV

1. Program Development
2. C Language
3. Linear Data Structures
4. Non Linear Data Structures
5. Searching Sorting & Files
6. Inheritance & Polymorphism

Sem – V

1. Templates
2. Java Programming
3. Arithmetic & Logic Unit
4. Processor Unit

5. Memory System
6. Input/ Output & Peripherals

Sem – VI

1. Curves, Surfaces & Solids
2. Transformations
3. Hidden Surface Elimination
4. Color Models
5. Logic & Reasoning
6. Theory of Computation

Sem – VII

1. Design & Analysis of Algorithms
2. Software Engineering
3. .net Technologies
4. Java Technologies
5. Objective C Programming
6. Embedded C Programming

Sem – VIII

1. System Software
2. Creativity & Innovation
3. Capstone Course
4. LAMP Technologies
5. Advanced Computer Networks
6. Mobile Application Development Technologies

Master Program in Computer Science Engineering

Sem – I

1. Computer Graphics & Visualization
2. Main Frame System
3. Network Security Encryption
4. Cloud Computing
5. IT Industry Management
6. Parallel & Distributed Computing
7. Advanced Data Structure

Sem – II

1. Natural Language Processing
2. High Speed Networks
3. Computer Architecture
4. Comprehensive Assessment I
5. Computer Design
6. Distributed & Parallel Systems
7. Software Testing & Quality Assurance

Sem – III

1. Modern Database
2. Data Warehousing & Mining
3. Web Search & Mining
4. Computer Security
5. Comprehensive Assessment II
6. Cyber Security
7. Wireless Sensor Networks

Sem – IV

1. Ethical Hacking
2. Cyber Laws
3. Intrusions Detection Systems
4. Research Methodology
5. Artificial Intelligence
6. Securing Interconnecting Systems
7. Specialization