Diploma in Computer Science Engineering

Eligibility	S.S.C with Work Experience
Duration	1 - 3 Year
Fees	27,500.00
Syllabus	**SEM – I** 1. Applied Mathematics – I 2. Applied Science 3. Basic 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

Bachelors Program in Computer Science Engineering

Eligibility	3 Years Diploma or HSC with 3 years Work Experience
Duration	1 - 4 Year
Fees	37,500.00
Syllabus	**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. Electronic Devices & Circuit

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

Eligibility	Graduate or Diploma with 5 years Work Experience
Duration	1 - 2 Year
Fees	34,500.00
Syllabus	**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