Diploma in Information Technology

Eligibility	S.S.C with Work Experience
Duration	1 - 3 Years
Fees	27,500.00
Syllabus	**SEM – I** 1. English 2. Basic Science 3. Basic Mathematics 4. Engineering Graphics 5. Computer Fundamentals **SEM – II** 1. Communication Skills 2. Applied Science 3. Programming in C 4. Basic Electronics 5. Engineering Mathematics **SEM– III** 1. Applied Mathematics 2. Data Structure Using C 3. Electrical Technology 4. Relational Database Management System 5. Digital Techniques **SEM - IV** 1. Environmental Studies 2. Computer Hardware & Maintenance 3. Data Communication & Networking 4. Microprocessor & Programming 5. Object Oriented Programming **SEM– V** 1. Applied Multimedia Technology 2. Software Engineering

	3. Java Programming 4. Operating System 5. Communication System **SEM– VI** 1. Advanced Java Programming 2. Data Communication & Networking 3. Entrepreneurship Development 4. Industrial Projects 5. Advanced Web Technology

Bachelors Program in Information Technology

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. Basic Electronics
2. Digital System
3. Object Oriented Programming
4. Mathematical Foundation of Computer Science
5. Applied Mathematics
6. ICT Tools & Security

SEM – IV

1. Communication Engineering
2. Computer Organization
3. Data Structure
4. Probability Statistics & Numerical Analysis
5. Computer Peripherals
6. Economics For Engineers

SEM – V

1. Theory of Computation
2. Database Management Systems
3. Data Communication Networks
4. Operating Systems
5. Web Designing
6. Law For Engineers

SEM – VI

1. Software Engineering
2. Capstone Course
3. Creativity & Innovation
4. Design & Analysis of Algorithms
5. .net Technologies
6. Java Technologies

SEM -VII

1. Objective C Programming
2. Embedded Programming
3. LAMP Technology
4. Mobile Applications Development Technologies
5. Advanced Computer Networks

	6. Machine Human Interface **SEM – VIII** 1. Computer Graphics & Visualization 2. Main Frame Systems 3. Network Security & Encryption 4. Cloud Computing 5. Software Testing 6. Business Analysis & Optimization

Master Program in Information Technology

Eligibility	Graduate or Diploma with 5 years of Work Experience
Duration	1 - 2 Year
Fees	34,500.00
Syllabus	**SEM – I** 1. Data Structure & Algorithms 2. Communication Techniques 3. High Speed Networks 4. Advance Computing Systems 5. Information & Network Security 6. Communication Skills for Engineers 7. Comprehensive Assessment - I **SEM – II** 1. Network Embedded Systems 2. Information & Retrieval Systems 3. Wireless Networks 4. Software Engineering 5. Software Testing & Quality Assurance 6. Modern Database

7. Machine Learning

SEM – III

1. Data Warehousing & Mining
2. Artificial Intelligence
3. Comprehensive Assessment - II
4. Cyber Security
5. Huffman Coding
6. Arithmetic Coding
7. Wavelet Based Compression

SEM – IV

1. Proxy Servers & Firewalls
2. Electronic Payment Systems
3. Malware Analysis
4. Security Audit & Standards
5. Malicious Software
6. Buffer Overflow
7. Specialization