

Diploma in Electronics & Telecommunication Engineering

Eligibility	S.S.C with Work Experience
Duration	1 - 3 Year
Fees	27,500.00
Syllabus	<p>SEM – I</p> <ol style="list-style-type: none">1. Basic Physics2. Basic Chemistry3. Basic Mathematics4. English5. Engineering Graphics <p>SEM – II</p> <ol style="list-style-type: none">1. Applied Science (Electronics)2. Engineering Mathematics3. Electronic Components & Application4. Electronics Engineering5. Communication Skills <p>SEM – III</p> <ol style="list-style-type: none">1. Applied mathematics2. Basic Electronics3. Electrical Engineering4. Principles of Digital Techniques5. Industrial Measurements <p>SEM – IV</p> <ol style="list-style-type: none">1. Applied Electronics2. Linear Integrated Circuits3. Digital Techniques & Microprocessor4. Electronic Instruments & Measurements5. Analogue Communication <p>SEM – V</p>

	<ol style="list-style-type: none"> 1. Principles of Computer Architecture & Maintenance 2. Microcontrollers 3. Digital Communication 4. Industrial Electronics 5. Maintenance of Electronic Equipments <p>SEM – VI</p> <ol style="list-style-type: none"> 1. Audio Video Engineering 2. Control Systems 3. Advance Communication System 4. Mobile Communication 5. Embedded System
Bachelors Program in Electronics & Telecommunication Engineering	
Eligibility	3 Years Diploma or HSC with 3 years Work Experience
Duration	1 - 4 Year
Fees	37,500.00
Syllabus	<p>SEM – I</p> <ol style="list-style-type: none"> 1. Calculus 2. Physics 3. Mechanics of Solids 4. Engineering Graphics 5. English 6. Linear Algebra <p>SEM – II</p> <ol style="list-style-type: none"> 1. Chemistry 2. Environment & Energy Studies 3. Art of Programming 4. Elements of Electrical Engineering 5. Communication Skills 6. Electronics Devices & Circuits - I

SEM – III

1. Digital Circuits
2. Network Analysis
3. Linear Control System
4. Vector Calculus, Complex Variables & Differential Equations
5. Economics For Engineers
6. Ethics & Values

SEM – IV

1. Probability Distributions & Numerical Methods
2. Signals & Systems
3. Electronics Devices & Circuits - II
4. Electrical Machines & Drives
5. Communication Systems
6. Electronics Design, Tools and Packages

SEM -- V

1. Electromagnetic Engineering
2. Integrated Circuits and Applications
3. Microprocessor & Computer Architecture
4. Modern Measurement & Instrumentation
5. Digital Communication
6. Digital Signal Processing

SEM -- VI

1. Microprocessor & Microcontroller
2. Law for Engineers
3. Digital System design
4. Antenna & Wave Propagation
5. Fiber Optic Communication
6. Digital Integrated Circuit Design

SEM -- VII

1. System Modeling & Design
2. Estimation & Detection Theory
3. Telecom Networks
4. Analog Integrated Circuit Design
5. Modern Processor Architecture

	6. Error Control Coding SEM -- VIII 1. Satellite Communication 2. Data Communication & Networking 3. Embedded Systems 4. Microwave Engineering 5. Wireless Communications 6. Wireless Sensor Networks
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Master Program in Electronics & Telecommunication Engineering

Eligibility	Graduate or Diploma with 5 years Work Experience
Duration	1 - 2 Year
Fees	34,500.00
Syllabus	SEM – I 1. Digital Communication Techniques 2. Adaptive Signal Processing 3. Antenna System Design 4. Wireless Networks 5. Statistical Signal Processing 6. Research Methodology 7. Data Compression & Standards SEM – II 1. Embedded System Design 2. Information & Coding Theory 3. Satellite Communication 4. Telecom Network & Traffic Engineering

5. Speech & Image Processing
6. Wireless Sensor Networks & Protocols
7. RF IC Design

SEM – III

1. Analytical & Computational Electromagnetic
2. VLSI Signal Processing
3. Radar & Navigation Systems
4. RF Circuit Design
5. Wireless Communication
6. Optical Communication & Networks
7. DSP System & Architecture

SEM – IV

1. Semiconductor Devices Physics & Modeling
2. Digital VLSI Design
3. Applied Algorithms for VLSI CAD
4. IC Fabrication Technology
5. Micro Electro - Mechanical System Design
6. Embedded Processor Design
7. Specialization