

Electronics and Communication Engineering

Khulna University

CORE: ECE		
01	ECE	Electrical Technology (with Sessional)
02	ECE	Electrical Circuits (with Sessional)
03	ECE	Basic Bipolar and Unipolar Devices and Circuits (with Sessional)
04	ECE	Electronic Amplifiers, Oscillators and PS Circuits (with Sessional)
05	ECE	Industrial Electronics (with Sessional)
06	ECE	Solid State Devices
07	ECE	Op Amps and IC Technology (with Sessional)
08	ECE	VLSI Technology
09	ECE	Linear System Analysis
10	ECE	Switching and Finite Automata Theory (with Sessional)
11	ECE	Numerical Methods (with Sessional)
12	ECE	Discrete Mathematics
13	ECE	Digital Electronics and Pulse Techniques (with Sessional)
14	ECE	Measurements and Electronic Instrumentation (with Sessional)
15	ECE	Control Theory
16	ECE	Electromagnetic Fields and Waves
17	ECE	Microwave Engineering (with Sessional)
18	ECE	Analog Communication (with Sessional)
19	ECE	Digital Communication (with Sessional)
20	ECE	Telecommunication Engineering (with Sessional)
21	ECE	Radar and Satellite Communication
22	ECE	Opto-Electronic Devices and Optical Communication (with Sessional)
23	ECE	Mobile Communication Engineering
24	ECE	Television Engineering (with Sessional)
25	ECE	Electronic Shop Practice Sessional
26	ECE	Computer Aided Circuit Design Sessional
27	ECE	Industrial Electronics Project
28	ECE	Industrial Training
29	ECE	Project and Thesis 1
30	ECE	Project and Thesis 2
CORE: SCINECT AND TECHNOLOGY		
01	MATH	Differential and Integral Calculus
02	MATH	Differential Equations
03	MATH	Coordinate Geometry, Vector Analysis, Statistics
04	MATH	Matrix, Harmonic Analysis, Complex Variable
05	PHY	Heat and Thermodynamics, Optics, Wave and Oscillation (with Sessional)
06	CHE	Chemistry (with Sessional)
07	CSE	Computer Programming (with Sessional)
08	CSE	Software Development Sessional
09	CSE	Data Structures and Algorithms (with Sessional)
10	CSE	Computer Network (with Sessional)
11	CSE	Microprocessors (with Sessional)
ELECTIVES 1 (Any One Course)		
01	ECE	Science of Materials
02	ECE	Quantum Mechanics
ELECTIVES 2 (Any One Course)		
01	CSE	Computational Geometry
02	ECE	Stochastic Theory of Communication
ELECTIVES 3 (Any One Course)		
01	ECE	Digital Signal Processing
02	ECE	Digital Image Processing
03	ECE	Information Security and Control
ELECTIVES 4 (Any Two Courses)		
01	ECE	Simulation and Modeling
02	ECE	Antennas
03	ECE	Artificial Intelligence
04	ECE	Bio-Medical Engineering