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| **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 |