1st Semester

* : Engineering Mathematics I
* : Communicative English
* : Elements and Devices of Computing Technology
* : Computer Programming
* : Physics
* : Engineering Drawing-I
* : Workshop Technology

2nd Semester

* : Engineering Mathematics-II
* : Chemistry
* : Electrical Engineering
* : Applied Mechanics
* : Object Oriented Programming
* : Digital Logic

3rd Semester

* : Engineering Mathematics-III
* : Fundamentals of Thermodynamics & Heat
* : Electric Circuit Theory
* : Electronic Devices and Circuits
* : Electrical Engineering Material
* : Microprocessor

4th Semester

* : Electromagnetics
* : Applied Mathematics
* : Numerical Methods
* : Electrical Machines-I
* : Power System Analysis
* : Instrumentation

5th Semester

* : Probability and Statistics
* : Synchronous & Special Machines
* : Control System Engineering
* : Electric Machine Design
* : Power System Analysis-II
* : Advanced Instrumentation
* : Research Methodology

6th Semester

* : Power System Protection
* : Digital Control System
* : Industrial Electrification
* : Signal Analysis
* : Hydropower Engineering
* : Engineering Economics

7th Semester

* : Power Electronics
* : Utilization of Electrical Energy
* : Power Plant Equipment
* : Project Management for Engineering
* : Hazard Analysis and Safety Management
* : Rural Electrification
* : Project-I
* : Electrical Energy System Management
* : Reliability Engineering

8th Semester

* : Engineering Professional Practice
* : Power Transmission & Distribution Design
* : High Voltage Engineering
* : Power Plant Design
* : Advanced Power System Analysis
* : Applied Photovoltaic Engineering
* : Micro Hydropower
* : Artificial Neural Network
* : Wind Energy Conversion System
* : Project-II