

First Semester



Mathematics-I



Applied Physics-I



English



Environmental
Science



Engineering
Graphics



Engineering
Workshop Practice



Induction Program

Second Semester



Mathematics-II



Applied Physics-II



Communication
Skills and
Personality
Development



Fundamentals of
Electrical &
Electronics
Engineering



Logic Building &
Programming



Applied Chemistry

Third Semester



Electrical Power
Generation



AC Circuits



Electrical &
Electronics
Measurement



DC Machines &
Transformers



Disaster
Management



Transmission and
Distribution of
Electrical Power

Fourth Semester



Utilization of
Electrical Energy &
Traction



Microcontroller
Applications (Open
Elective - I)



Polyphase
Transformers and
Rotating AC
Machines



Digital Logics &
Design



Solar Power
Technology
(Professional
Elective - I)



Wind Power
Technology
(Professional
Elective - I)



Fundamentals of
Power Electronics
(Professional
Elective - II)



Computer Aided
Electrical Drawing
and Simulation
(Professional
Elective - II)



Problem Based
Learning -I

Fifth Semester



Bio Mass & Micro
Hydro Power Plant
(Professional
Elective - III)



Building
Electrification



Electrical
Estimation &
Contracting (Open
Elective - II)



Electrical Vehicles
(Professional
Elective - III)



Industrial
Automation &
Control
(Professional
Elective - IV)



Installation,
Commissioning and
Maintenance



Switchgear and
Protection



Special Electrical
Machines
(Professional
Elective - IV)



Problem Based
Learning-II



Internship

Sixth Semester



Project



**Employability
Enhancement &
Job Skills**