

2. Electrical & Electronic Engineering

Course Code: ETC 02.1 (New Syllabus)

(The first final examination was commenced in year 2005)

1st Year

#	Module	Design length (Hrs)	No: of Hours per week
1	Mathematics-I	72	02
2	Engineering drawing	72	02
3	Principles of Mechanics	72	02
4	Processes & Materials in Electrical Engineering	72	02
5	Electrical engineering Fundamentals	72	02
6	Electrical installation Technology(domestic)	72	02

2nd Year

#	Module	Design length (Hrs)	No: of Hours per week
1	Mathematics-II	72	02
2	Electrical power System	72	02
3	Electrical Machines-I	72	02
4	Applied electronics	72	02
5	Circuit Theory & Measurements	72	02
6	Utilization of Electrical energy	72	02

3rd Year

#	Module	Design length (Hrs)	No: of Hours per week
1	Electrical Machines-II	72	02
2	Power electronics & Motor Control Systems	72	02
3	Microprocessor Based System	72	02
4	Applied Electrical Measurements	72	02
5	Industrial Management	72	02
6	Telecommunication	72	02

Note:

During the 3 years academic period, totally 1296 hours are covered by the NCT – Electrical & Electrical Engineering program.

All the modules are compulsory to complete the program.