

1. Civil Engineering – Course code: ETC 01.1 (New Syllabus)

(The first final examination was commenced in year 2005)

1st Year

#	Module	Design length (Hrs)	No: of Hours per week
1	Mathematics	72	02
2	Civil Engineering Mechanics	72	02
3	Building constructions	72	02
4	Building services	72	02
5	Construction materials	72	02
6	Elementary Geology & Soil mechanics	72	02
7	Construction draftsmanship	72	02

2nd Year

#	Module	Design length (Hrs)	No: of Hours per week
1	Elementary Hydraulics	72	02
2	Materials & Structures	72	02
3	Surveying & Leveling	144	04
4	Water Supply & Sanitation	72	02
5	Building Quantities	72	02
6	Applications of Soil Mechanics	72	02
7	Management & construction site Studies	72	02

3rd Year

#	Module	Design length (Hrs)	No: of Hours per week
1	Highway Construction & Maintenance	72	02
2	Building Construction & Maintenance	72	02
3	Construction Surveying	72	04
4	Water Treatment & Wastewater Disposal	72	02
5	Theory & Design of Structures	72	02
6	Irrigation practice	72	02
7	Quantity surveying	72	02

Note:

During the 3 years academic period, totally 1584 hours are covered by the NCT - Civil Engineering program.

All the modules are compulsory to complete the training program.