

### 3. Mechanical Engineering.

#### Course Code: ETC 03.1 (New Syllabus)

(The first final examination was commenced in year2005)

#### 1st Year

#	Module	Design length (Hrs)	No: of Hours per week
1	Engineering Drawing	144	04
2	Engineering materials	72	02
3	Principals of Mechanics	72	02
4	Mathematics	72	02
5	Thermodynamics-I	72	02
6	Principles of Electricity	72	02

#### 2nd Year

#	Module	Design length (Hrs)	No: of Hours per week
1	Mechanical science	72	02
2	Manufacturing technology-I	72	02
3	Hydraulics & Pneumatics	72	02
4	Automotive Technology-I	72	02
5	Thermodynamics-II	72	02
6	Electrical & Electronics Technology	72	02

#### 3rd Year

#	Module	Design length (Hrs)	No: of Hours per week
1	Engineering Drawing & Design	72	02
2	Manufacturing Technology-II	72	02
3	Mechanical Maintenance & Energy management	72	02
4	Automotive Technology-II	72	02
5	Ref. & Air condition technology	72	02
6	Industrial management	72	02

#### Note:

During the 3 years academic period, totally 1368 hours are covered by the NCT Mechanical Engineering program.

All the modules are compulsory for completion the course.