



Department of Chemical Engineering

A. Category-wise Curricular structure

Category	Number of units required	Number of courses required
General Institutional Requirements		
Humanities Electives	8	3
Science Foundation	12	6
Mathematics Foundation	12	4
Engineering Foundation	6	2
Technical arts	10	4
General Awareness / Professional course	3 to 6	1 to 3
Sub-Total	51 - 54	20 - 22
Discipline Requirement		
Core Courses	33 – 48	10 - 16
Elective Courses	12 - 27	4 - 9
Sub-Total	45 – 60	15 - 20
Open Electives	15 - 27	5 – 9
PS – 1 / II or Thesis	25 or 9 - 16	2 or 1
TOTAL	141 (min)	41 (min)

B. The following courses are needed to meet General Institutional requirements:

- General Biology, Biology Laboratory, General Chemistry, Chemistry Laboratory, Mechanics, Oscillations and Waves and Physics Laboratory under the head of Science Foundation
- Electrical Sciences and Thermodynamics under the head of Engineering Foundation
- Computer Programming, Workshop Practice, Engineering Graphics and Technical report Writing under the head of Technical Arts
- Principle of Economics and Principles of Management under the head of General Awareness / Professional Courses

C. The courses under the following heads are designed to meet the General Institutional requirement under the head of Humanities Electives

- Languages and Literature
- History and Philosophy
- Political and Social Sciences
- Fine Arts and Professional Arts

