

Professional Diploma in Chemical Engineering

(This course can only be studied by self study mode)

Fees will only be charged after submission of the study progress report for first textbook.

EM 11001	Engineering Mathematics I
EPh 11011	Engineering Physics I
ECh11011	Engineering Chemistry I
ME 11011	Basic Engineering Drawing
ChE 11001	Organic Chemistry

ME 22021	Machine Drawing
ME 22015	Engineering Mechanics
EcE 22012	Applied Electronic Engineering
Met 21071	Engineering Material
ChE 22013	Material and Energy Balances

BE(Chemical) Year 3

ME 31014	Strength of Materials
ChE 31012	Fluid Mechanics
ChE 31013	Chemical Engineering Thermodynamics
ChE 31022	Heat Transfer

BE(Chemical) Year 4

ME 41031	Design of Machine Elements
ChE41015	Quality Control
ChE41032	Mass Transfer
ChE41042	Particle Mechanics

BE(Chemical) Year 5

ME 51028	Industrial Management
ChE51025	Instrumentation for Chemical and Automatic Process Control
ChE 51052	Chemical Reaction Kinetics and Reactor Design
ChE 51007	Pollution Control, Maintenance and Industrial Safety
ChE 51062	Biochemical Engineering
ChE 51016	Chemical Process Design

BE(Cheical) Year 6

IT 61024 Computer Application Software
ChE 61016 Plant Design and Economics for Chemical Engineers

Study Method & Assessment

The students will need to read the reference materials provided in folder of each unit & write the report on their study for each unit.

The report should contain

- Summary of knowledge acquired in the unit
- Practical methods related to assessment, safe working, protection, technical data, equipments utilized in hazardous areas
- Practical applications in work place
- Specific applications in the area of your choice
- Reference guides etc

Each report should be Arial 11 fonts with 10 to 20 pages written in own words by using English..

Insert the appropriate diagrams & tables, formula and data related to information.