

**COURSE NAME: FULL TIME DIPLOMA IN CHEMICAL ENGINEERING**

Duration Of Course: 6 Semesters

Proposed Semester Structure: 3rd

Sl no	Subject	Credits	Periods			Evaluation Scheme					
			L	Tu	Pr	Internal Scheme			ESE	PR	Total Marks
						TA	CT	Total			
1	Environmental Engineering	3	3			10	20	30	70		100
2	Computer Oriented Numerical Method	3	3			10	20	30	70		100
3	Basic Electronics	4	3		2	10	20	30	70	50	150
4	Fundamentals Of Chemical Engineering	3	3			10	20	30	70		100
5	Fluid Mechanics	5	3		3	10	20	30	70	100	200
6	Chemical Engineering Thermodynamics	5	3		3	10	20	30	70	50	150
7	Environmental Engineering Lab	2			3					50	50
		25	18		11	60	120	180	420	250	850

Student contact hrs 31per week , Theory & Practical Periods are 60 Min each.

L=Lecture, Tu=Tutorial, Pr=Practical, TA=Teachers' Assessment

CT=Class test, ESE=End Semester Exam

**COURSE NAME:FUL TIME DIPLOMA IN CHEMICAL ENGINEERING**

Duration of course:6 Semesters

Proposed semester: 4th

Sl No	Subject	Credits	Periods			Evaluation Scheme					
			L	Tu	Pr	Internal Scheme			ESE	PR	TotalMarks
						TA	CT	Total			
1	Development Of Life Skill-II	2	1		2					50	50
2	Process Heat Transfer	5	3		3	10	20	30	70	50	150
3	Mechanical Operation	5	3		3	10	20	30	70	100	200
4	Energy Engineering	5	3		3	10	20	30	70	50	150
5	Programming In C	5	3		3	10	20	30	70	50	150
6	Materials science	3	3			10	20	30	70		100
		25	16	0	14	50	100	150	350	300	800

Student contact hrs 30per week , Theory & Practical Periods are 60 Min each.

L=Lecture, Tu=Tutorial, Pr=Practical, TA=Teachers' Assessment

CT=Class test, ESE=End Semester Exam

**COURSE NAME:FUL TIME DIPLOMA IN CHEMICAL ENGINEERING**

Duration of course:6 Semesters

## Proposed semester: 5th

Sl No	Subject	Credits	Periods			Evaluation Scheme					
			L	Tu	Pr	Internal Scheme			ESE	PR	TotalMarks
						TA	CT	Total			
1	Reaction Kinetics And Reactor Design	5	3		3	10	20	30	70	50	150
2	Chemical Technology-I	3	3			10	20	30	70		100
3	Separation Process-I	5	3		3	10	20	30	70	50	150
4	Chemical Process Equipment Design-I	3	3							50	50
	Chemical Engineering Project Work-I	2			3					50	50
5	Process Control Engineering	5	3		3	10	20	30	70	50	150
6	Elective-I ( Petroleum Refinery Engineering/ Packaging Technology)	5	3		3	10	20	30	70	50	150
		28	18	0	15	50	100	150	350	300	800

Student contact hrs 32per week , Theory & Practical Periods are 60 Min each.

L=Lecture, Tu=Tutorial, Pr=Practical, TA=Teachers' Assessment

CT=Class test, ESE=End Semester Exam

## COURSE NAME:FUL TIME DIPLOMA IN CHEMICAL ENGINEERING

Duration of course:6 Semesters

## Proposed semester: 6th

Sl No	Subject	Credits	Periods			Evaluation Scheme					
			L	Tu	Pr	Internal Scheme			ESE	PR	TotalMarks
						TA	CT	Total			
1	Industrial management	2	2			10	20	30	70		100
2	Instrumentation	3	3			10	20	30	70		100
3	Chemical Technology-II	3	3			10	20	30	70		100
4	Separation Process-II	5	3		3	10	20	30	70	50	150
5	Chemical Process Equipment Design-II	3	3							50	50
	Professional Practice	2			3					100	100
6	Elective-II( Petrochemicals / Ceramic Technology)	5	3		3	10	20	30	70	50	150
7	Chemical Technology Laboratory	2			3					100	100
8	Chemical Engg Project Work-II	2			4					50	50
9	General Viva Voce									50	50
		27	17	0	16	50	100	150	350	450	950

Student contact hrs 31per week , Theory & Practical Periods are 60 Min each.

L=Lecture, Tu=Tutorial, Pr=Practical, TA=Teachers' Assessment

CT=Class test, ESE=End Semester Exam