

3.FIFTH SEMESTER (CHEMICAL ENGINEERING)

Sr. No	Subject	Hrs/week			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
		L	T	P	Theory	Practical	Theory		Practical		
					Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
	Industrial Training	4 Weeks				20			100	3	120
5.1	Computer Application in Chemical Engineering	2	-	8	-	25	-		75	3	100
5.2	Chemical Technology-2	4	-	6	50	20	100	2.5	50	3	220
5.3	Entrepreneurship Development and Management **	5	-	-	25	-	75	2.5	-	-	100
5.4	Mass Transfer Operations**	6	-	4	30	20	70	2.5	50	3	170
5.5	Polymer Science	4	-	-	40	-	100	2.5	-	3	140
5.6	Reaction Engineering**	5	-	-	30	-	70	2.5	-	-	100
General Proficiency#		-	-	4	-	25	-	-	-	-	25
Industrial Exposure (Assessment at Institute Level) ++		-	-	-	-	25	-	-	-	-	25
Total		26	-	22	175	135	415	-	275	-	1000

** Common with diploma programme in Chemical Technology (Paint) and Chemical Technology (Rubber & Plastic)

General Proficiency will comprise of various co-curricular activities like games, hobby clubs, seminars, declamation contests, extension lectures, field visits, NCC, NSS and cultural activities G.K., General Study, Elementary Math. And Discipline.

++ Industrial Visit compulsory at minimum two industries or department.

Note: 1- Each period will be of 50 Minute. 2- Each session will be of 16 weeks. 3- Effective teaching will be of at least 12.5 weeks.

SIXTH SEMESTER (CHEMICAL ENGINEERING)

Sr. No	Subject	Hrs/week			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
		L	T	P	Theory	Practical	Theory		Practical		
					Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
6.1	Fertilizer Technology	5	-	-	35	-	100	2.5	-	-	135
6.2	Petroleum and Petrochemicals	5	-	4	35	25	70	2.5	50	3	180
6.3	Paint Technology	5	-	-	40	-	100	2.5	-	-	140
6.4	Process Equipment Design **	5	-	-	40	-	100	2.5	-	-	140
6.5	Pollution Control & Industrial Safety**	4	-	4	35	25	70	2.5	50	3	180
6.6	Major Project	-	-	8	-	50	-	-	100	3	150
6.7	Employable Skill	-	-	4	-	25	-	-	-	-	25
General Proficiency#		-	-	4	-	25	-	-	-	-	25
Industrial Exposure (Assessment at Institute Level) ++		-	-	-	-	25	-	-	-	-	25
Total		24	-	24	185	175	440	-	200	-	1000

** Common with diploma programme in Chemical Technology (Paint) and Chemical Technology (Rubber & Plastic)

General Proficiency will comprise of various co-curricular activities like games, hobby clubs, seminars, declamation contests, extension lectures, field visits, NCC, NSS and cultural activities G.K., General Study, Elementary Math. And Discipline.

++ Industrial Visit compulsory at minimum two industries or department.

Note: 1- Each period will be of 50 Minute. 2- Each session will be of 16 weeks. 3- Effective teaching will be of at least 12.5 weeks.