

FOURTH SEMESTER (CHEMICAL ENGINEERING)

Sr. No	Subject	Hrs/week				EVALUATION SCHEME						Total Marks
						Internal Assessment		External Assessment (Examination)				
		Theory	Practical	Theory		Practical						
		Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs					
4.1	Chemical Engineering Thermodynamics **	5	-	-	5	30	-	100	2.5	-	-	130
4.2	Chemical Technology-1	5	-	-	5	30	-	100	2.5	-	-	130
4.3	Heat Transfer Operations**	4	2	4	10	30	20	70	2.5	50	3.0	170
4.4	Material and Energy Balance**	4	2	-	6	30	-	100	2.5	-	-	130
4.5	Process Control**	4	-	4	8	30	20	70	2.5	50	3.0	170
4.6	Process Plant Utility	4	-	-	4	30	-	100	2.5	-	-	130
4.7	Minor Project	-	-	6	6	-	40	-	-	50	3.0	90
4.8	4 weeks Industrial Training after having appeared in the Fourth semester exam, during summer vacation and its evaluation will be done in Fifth semester exam.											
General Proficiency#		-	-	4	4	-	25	-	-	-	-	25
Industrial Exposure (Assessment at Institute Level) ++		-	-	-		-	25	-	-	-	-	25
Total		26	4	18	48	180	130	540	-	150	-	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.

