

**FOURTH SEMESTER( CHEMICAL TECHNOLOGY – PAINT)**

Sr. No	Subject	Periods/week				EVALUATION SCHEME						Total Marks
						Internal Assessment		External Assessment (Examination)				
		L	T	P	T O T	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	Heat Transfer Operations*	4	2	4	10	30	20	70	2.5	50	3.0	170
4.3	Material and Energy Balance*	4	2	-	6	30	-	100	2.5	-	-	130
4.4	Process Control*	4	-	4	8	30	20	70	2.5	50	3.0	170
4.5	Paint Technology-1	4	-	2	6	20	-	70	2.5	-	-	90
4.6	Natural Resin	4	-	2	6	30	20	70	2.5	50	-	170
4.7	Minor Project	-	-	4	4	-	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#		-	-	3	3	-	25	-	-	-	-	25
Industrial Exposure (Assessment at Institute Level)+		-	-	-		-	25	-	-	-	-	25
		<b>25</b>	<b>4</b>	<b>19</b>	<b>48</b>	<b>170</b>	<b>150</b>	<b>480</b>	<b>-</b>	<b>200</b>	<b>-</b>	<b>1000</b>

\* Common with diploma programme in Chemical Engineering 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.**

