Maharashtra State Board of Technical Education, Mumbai

Teaching and Examination Scheme for Post S.S.C. Diploma Courses

Program Name : Diploma in Chemical Engineering

Program Code : CH | **With Effect From Academic Year: 2017 - 18**

Duration of Program : 6 Semesters | **Duration : 16 Weeks**

Semester : Fifth | **Scheme - I**

S. N.	Course Title	Course Abbreviation	Course Code	Teaching Scheme			Credit (L+T+P)	Examination Scheme														Grand Total
									Theory						Practical							
								Exam Duration in Hrs.	ESE		PA		Total		ESE		PA		Total			
				L	T	P			Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks		
1	Management	MAN	22509	3	-	-	3	90 Min.	70*#	28	30*	00	100	40	--	--	--	--	--	--	100
2	Heat Transfer Operation	HTO	22510	4	-	4	8	3	70	28	30*	00	100	40	50#	20	50	20	100	40	200
3	Environmental Technology	EPC	22511	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
4	Chemical Reaction Engineering	CRE	22512	4	2	-	6	3	70	28	30*	00	100	40	--	--	--	--	--	--	100
	Elective (Any One)																				
5	Membrane Technology	MTE	22513	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
	Renewable Energy Technologies	RET	22514	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
	Numerical Methods in Chemical Engineering	NMC	22515	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
6	Industrial Training	ITR	22057	-	-	6	6	--	--	--	--	--	--	--	75#	30	75	30	150	60	150
7	Capstone Project Planning	CPP	22058	-	-	2	2	--	--	--	--	--	--	--	25@	10	25	10	50	20	50
			Total	**17**	**2**	**16**	**35**	--	**350**	--	**150**	--	**500**	--	**200**	--	**200**	--	**400**	--	**900**

Student Contact Hours Per Week: **35 Hrs.** Medium of Instruction: **English**

Theory and practical periods of 60 minutes each. Total Marks : **900**

Abbreviations: ESE- End Semester Exam, PA- Progressive Assessment, L - Lectures, T - Tutorial, P - Practical

@ Internal Assessment, # External Assessment, *# On Line Examination , ^ Computer Based Assessment

* Under the theory PA, Out of 30 marks, 10 marks are for micro-project assessment to facilitate integration of COs and the remaining 20 marks is the average of 2 tests to be taken during the semester for the assessment of the cognitive domain LOs required for the attainment of the COs.

~ For the courses having ONLY Practical Examination, the PA marks Practical Part - with 60% weightage and Micro-Project Part with 40% weightage

- **If Candidate not securing minimum marks for passing in the "PA" part of practical of any course of any semester then the candidate shall be declared as "Detained" for that semester.**
- **Evalution of Industrial Training and its reports is to done after completion of Industrial Training. Credits of Industrial Training will not affect the framing of time table.**