



**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 : Sixth**

**Scheme - I**

S. N.	Course Title	Course Abbreviation	Course Code	Teaching Scheme		Credit (L+T+P)	Examination Scheme												Grand Total		
				L	T		P	Theory			ESE			PA			Practical				
								Exam Duration in Hrs.	ESE Max Marks	ESE Min Marks	PA Max Marks	PA Min Marks	PA Total Marks	ESE Max Marks	ESE Min Marks	ESE Total Marks	PA Max Marks	PA Min Marks		PA Total Marks	
1	Chemical Engineering Drawing	CED	22608	3	-	4	7	3	70	28	30*	00	100	40	50#	20	20	100	40	200	
2	Mass Transfer Operation	MTO	22609	3	-	4	7	3	70	28	30*	00	100	40	50#	20	20	100	40	200	
<b>Elective – II (Any One)</b>																					
	Polymer Technology	PTE	22610	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
3	Petroleum and Petrochemical Technology	PPT	22611	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
	Piping in Chemical Engineering	PCE	22612	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
<b>Elective – III (Any One)</b>																					
	Food and Beverages Technology	FBT	22613	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
4	Pharmaceutical Technology	PTC	22614	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
	Fertilizer Technology	FTE	22615	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
5	Enterpreneurship Development	EDE	22032	2	-	2	4	--	--	--	--	--	--	--	50@	20	50~	20	100	40	100
6	Capstone Project – Execution & Report Writing	CPE	22060	-	-	4	4	--	--	--	--	--	--	--	50#	20	50	20	100	40	100
<b>Total</b>				<b>14</b>	<b>-</b>	<b>18</b>	<b>32</b>	<b>--</b>	<b>280</b>	<b>--</b>	<b>120</b>	<b>--</b>	<b>400</b>	<b>--</b>	<b>250</b>	<b>--</b>	<b>250</b>	<b>--</b>	<b>500</b>	<b>--</b>	<b>900</b>

**Student Contact Hours Per Week: 32 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.**

