



**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 : Fourth**

**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				
								ESE		PA		ESE		PA		ESE		PA		
								Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks		
1	Chemical Engineering Thermodynamics	CET	22406	4	2	-	6	70	28	30*	00	100	40	--	--	--	--	100		
2	Chemical Process Instrumentation and Control	CPI	22407	4	2	2	8	70	28	30*	00	100	40	25#	10	25	10	50	20	150
3	Industrial Safety and Maintenance	CIS	22408	3	-	2	5	70	28	30*	00	100	40	25@	10	25	10	50	20	150
4	Fluid Flow Operation	FFO	22409	4	-	4	8	70	28	30*	00	100	40	50#	20	50	20	100	40	200
5	Technology of Organic Chemicals	TOC	22410	4	-	4	8	70	28	30*	00	100	40	50#	20	50	20	100	40	200
<b>Total</b>				<b>19</b>	<b>4</b>	<b>12</b>	<b>35</b>	<b>350</b>	<b>--</b>	<b>150</b>	<b>--</b>	<b>500</b>	<b>--</b>	<b>150</b>	<b>--</b>	<b>300</b>	<b>--</b>	<b>800</b>		

Student Contact Hours Per Week: **35 Hrs.**

Medium of Instruction: **English**

**Theory and practical periods of 60 minutes each.** Total Marks : **800**

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.**

➤ **In-Plant Training during Summer vacation for minimum Six Weeks at the end of Fourth Semester (Second Year).**

