



**Maharashtra State Board of Technical Education, Mumbai**  
**Teaching And Examination Scheme For Post S.S.C. Diploma Courses**

**Program Name : Diploma in Mechanical Engineering**

**Program Code : ME**

**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				Practical				Total						
								ESE		PA		ESE		PA		ESE		PA		Total		
								Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks		Max Marks	Min Marks	
1	Emerging Trends in Mechanical Engineering	ETM	22652	3	-	-	90	70*#	28	30*	00	100	40	--	--	--	--	100				
2	Industrial Hydraulics and Pneumatics	IHP	22655	3	-	2	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150		
3	Automobile Engineering	AEN	22656	3	-	2	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150		
4	Industrial Engineering and Quality Control	IEQ	22657	3	-	2	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150		
<b>Elective (Any One)</b>																						
	Computer Integrated Manufacturing	CIM	22658	3	-	2	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150		
	Refrigeration and Air Conditioning	RAC	22660	3	-	2	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150		
	Renewable Energy Technology	RET	22661	3	-	2	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150		
6	Entrepreneurship Development	EDE	22032	2	-	2	--	--	--	--	--	--	--	50@	20	50~	20	100	40	100		
7	Capstone Project Execution and Report Writing	CPE	22060	-	-	4	--	--	--	--	--	--	--	50#	20	50~	20	100	40	100		
<b>Total</b>				<b>17</b>	<b>-</b>	<b>14</b>	<b>31</b>	<b>350</b>	<b>--</b>	<b>150</b>	<b>-</b>	<b>500</b>	<b>--</b>	<b>200</b>	<b>--</b>	<b>400</b>	<b>--</b>	<b>900</b>				

Student Contact Hours Per Week: 31 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.**

