



**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**

**Duration of Program : 6 Semesters**

**With Effect From Academic Year: 2017 - 18**

**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	
				L	T	P		Theory				Practical				Total	Max Marks	Min Marks			
								ESE		PA		ESE		PA							
								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	Power Engineering and Refrigeration	PER	22562	3	-	2	5	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150
3	Advanced Manufacturing Processes	AMP	22563	4	-	4	8	3	70	28	30*	00	100	40	50#	20	50	20	100	40	200
4	Elements of Machine Design	EMD	22564	4	-	2	6	4	70	28	30*	00	100	40	25@	10	25	10	50	20	150
<b>Elective (Any One)</b>																					
5	Tool Engineering	TE N	22565	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
	Power Plant Engineering	PPE	22566	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
6	Industrial Training	ITR	22049	-	-	6	6	--	--	--	--	--	--	--	75#	30	75~	30	150	60	150
7	Capstone Project Planning	CPP	22050	-	-	2	2	--	--	--	--	--	--	--	25@	10	25~	10	50	20	50
8	Solid Modeling and Additive Manufacturing	SMA	22053	-	-	4	4	--	--	--	--	--	--	--	50#	20	50~	20	100	40	100
	<b>Total</b>			<b>17</b>	<b>-</b>	<b>22</b>	<b>39</b>	<b>--</b>	<b>350</b>	<b>--</b>	<b>150</b>	<b>--</b>	<b>500</b>	<b>--</b>	<b>275</b>	<b>--</b>	<b>275</b>	<b>--</b>	<b>550</b>	<b>--</b>	<b>1050</b>

Student Contact Hours Per Week: **39 Hrs.**

Medium of Instruction: **English**

**Theory and practical periods of 60 minutes each.**

Total Marks : **1050**

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.**
- **Evaluation of Industrial Training and its reports is to be done during this semester. Credit of Industrial Training will not affect the framing of time table.**

