



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

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.**

