

Maharashtra State Board Of Technical Education, Mumbai																									
Learning and Assessment Scheme Of Diploma Courses for Working Professionals																									
Programme Name		: Diploma In Mechanical Engineering (Working Professional)																							
Programme Code		: PME										With Effect From Academic Year					: 2024-25								
Duration of Programme		: 6 Semester																							
Semester		: Fifth										Scheme					: F								
Sr No	Course Title	Abbreviation	Course Type	Course Code	Diploma Awarding Course	Total IKS Hrs for Sem.	Learning Scheme					Credits	Assessment Scheme												
							Actual Contact Hrs./Week			Self Learning (Activity/ Assignment /Micro Project)	Notional Learning Hrs /Week		Paper Duration (hrs.)	Theory			Based on LL & TL				Based on Self Learning	Total Marks			
							CL	TL	LL								Practical								
														FA-TH	SA-TH	Total	FA-PR	SA-PR	SLA						
														Max	Max	Max	Min	Max	Min	Max	Min		Max	Min	
(All Compulsory)																									
1	ENVIRONMENTAL EDUCATION AND SUSTAINABILITY	EES	VEC	314301	No	2	3	-	-	1	4	2	1.5	30	70*#	100	40	-	-	-	-	25	10	125	
2	THEORY OF MACHINES	TOM	DSC	313313	No	0	4	-	2	-	6	3	3	30	70	100	40	25	10	-	-	-	-	125	
3	MECHANICAL ENGINEERING MATERIALS	MEM	DSC	313317	No	4	3	-	2	1	6	3	1.5	30	70*#	100	40	25	10	-	-	25	10	150	
4	ENTREPRENEURSHIP DEVELOPMENT AND STARTUPS	EDS	AEC	314014	No	0	1	-	2	1	4	2	-	-	-	-	-	50	20	25@	10	25	10	100	
5	BASICS OF MECHATRONICS	BOM	AEC	314017	No	0	-	-	2	-	2	1	-	-	-	-	-	25	10	25@	10	-	-	50	
6	CNC PROGRAMMING	CNC	SEC	314018	No	0	-	-	4	-	4	2	-	-	-	-	-	25	10	25#	10	-	-	50	
Total						6	11	0	12	3		13		90	210	300		150		75		75		600	
Abbreviations : CL- Classroom Learning , TL- Tutorial Learning, LL-Laboratory Learning, FA - Formative Assessment,SA -Summative Assessment, IKS - Indian Knowledge System, SLA - Self Learning Assessment Legends : @ Internal Assessment, # External Assessment, *# On Line Examination , @\$ Internal Online Examination Note : 1. FA-TH represents average of two class tests of 30 marks each conducted during the semester. 2. If candidate is not securing minimum passing marks in FA-PR of any course then the candidate shall be declared as "Detained" in that semester. 3. If candidate is not securing minimum passing marks in SLA of any course then the candidate shall be declared as fail and will have to repeat and resubmit SLA work. 4. Notional Learning hours for the semester are (CL+LL+TL+SL)hrs.* 15 Weeks 5. 1 credit is equivalent to 30 Notional hrs. 6. * Self learning hours shall not be reflected in the Time Table. 7. * Self learning includes micro project / assignment / other activities. Course Category : Discipline Specific Course Core (DSC) , Discipline Specific Elective (DSE) , Value Education Course (VEC) , Intern./Apprenti./Project./Community (INP) , AbilityEnhancement Course (AEC) , Skill Enhancement Course (SEC) , GenericElective (GE)																									