

Maharashtra State Board Of Technical Education, Mumbai																								
Learning and Assessment Scheme for Post S.S.C Diploma Courses																								
Programme Name						: Diploma In Mechanical Engineering																		
Programme Code						: ME										With Effect From Academic Year					: 2023-24			
Duration Of Programme						: 6 Semester										Duration					: 16 WEEKS			
Semester						: Third					NCrF Entry Level : 3.5					Scheme					: K			
Sr No	Course Title	Abbreviation	Course Type	Course Code	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
(All Compulsory)																								
1	STRENGTH OF MATERIALS	SOM	DSC	313308	1	4	-	2	-	6	3	3	30	70	100	40	25	10	-	-	-	-	125	
2	FLUID MECHANICS AND MACHINERY	FMM	DSC	313309	1	3	-	2	1	6	3	3	30	70	100	40	25	10	25#	10	25	10	175	
3	THERMAL ENGINEERING	TEG	DSC	313310	-	3	-	2	1	6	3	3	30	70	100	40	25	10	25@	10	25	10	175	
4	PRODUCTION DRAWING	PDR	SEC	313311	-	2	-	4	2	8	4	4	30	70	100	40	25	10	25@	10	25	10	175	
5	BASIC ELECTRICAL AND ELECTRONICS	BEE	AEC	312020	-	2	-	4	-	6	3	-	-	-	-	-	50	20	50@	20	-	-	100	
6	ESSENCE OF INDIAN CONSTITUTION	EIC	VEC	313002	-	1	-	-	1	2	1	-	-	-	-	-	-	-	-	-	50	20	50	
7	COMPUTER AIDED DRAFTING	CAD	SEC	313006	-	-	-	4	-	4	2	-	-	-	-	-	25	10	25#	10	-	-	50	
8	FUNDAMENTALS OF PYTHON PROGRAMMING	FPP	AEC	313007	-	-	-	2	-	2	1	-	-	-	-	-	25	10	25@	10	-	-	50	
Total					2	15		20	5		20		120	280	400		200		175		125		900	

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						CL	TL	LL								Practical						
													FA-TH	SA-TH	Total	FA-PR	SA-PR	SLA				
													Max	Max	Max	Min	Max	Min	Max	Min	Max	
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)																						