

Maharashtra State Board Of Technical Education, Mumbai																								
Learning and Assessment Scheme for Post S.S.C Diploma Courses																								
Programme Name						: Diploma In Automobile Engineering.																		
Programme Code						: AE										With Effect From Academic Year				: 2023-24				
Duration Of Programme						: 6 Semester										Duration				: 16 WEEKS				
Semester						: Sixth				NCrF Entry Level : 4.0				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			
						Practical																		
						CL	TL	LL					FA-TH	SA-TH	Total	FA-PR		SA-PR					SLA	
																Max	Min	Max	Min				Max	Min
(All Compulsory)																								
1	MANAGEMENT	MAN	AEC	315301	1	3	-	-	1	4	2	1.5	30	70*#	100	40	-	-	-	-	25	10	125	
2	AUTOMOBILE COMPONENT DESIGN	ACD	DSC	316346	6	4	-	2	-	6	3	3	30	70	100	40	25	10	-	-	-	-	125	
3	AUTOMOBILE HYDRAULIC AND PNEUMATIC CONTROL SYSTEMS	HPC	DSC	316347	-	3	-	2	1	6	3	3	30	70	100	40	25	10	-	-	25	10	150	
4	ENTREPRENEURSHIP DEVELOPMENT AND STARTUPS	EDS	AEC	314014	-	1	-	2	1	4	2	-	-	-	-	50	20	25@	10	25	10	100		
5	AUTOMOTIVE ELECTRICAL AND ELECTRONIC SYSTEM	AES	AEC	316009	-	2	-	2	-	4	2	-	-	-	-	25	10	50@	20	-	-	75		
6	SOLID MODELLING AND ADDITIVE MANUFACTURING	SAM	SEC	316010	-	-	-	4	2	6	3	-	-	-	-	25	10	25#	10	25	10	75		
7	CAPSTONE PROJECT	CPE	INP	316004	-	-	-	2	2	4	2	-	-	-	-	50	20	50#	20	50	20	150		
Elective - II (Any - One)																								
8	ALTERNATIVE FUELS FOR AUTOMOBILES	AFL	DSE	316348	-	4	-	2	-	6	3	3	30	70	100	40	25	10	25#	10	-	-	150	
	AUTOMOBILE AIR CONDITIONING	AAC	DSE	316349	-	4	-	2	-	6	3	3	30	70	100	40	25	10	25#	10	-	-	150	
	AUTOTRONICS	ATN	DSE	316350	-	4	-	2	-	6	3	3	30	70	100	40	25	10	25#	10	-	-	150	
Total					7	17		16	7		20		120	280	400		225		175		150		950	

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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)																						