

Maharashtra State Board Of Technical Education, Mumbai																								
Learning and Assessment Scheme for Post S.S.C Diploma Courses																								
Programme Name		: Diploma In Automobile Engineering. / Chemical Engineering / Electrical Engineering / Electrical Power System / Food Technology / Mechanical Engineering / Mechatronics / Production Engineering / Printing Technology / Polymer Technology																						
Programme Code		: AE / CH / EE / EP / FC / ME / MK / PG / PN / PO										With Effect From Academic Year				2023-24								
Duration Of Programme		: 6 Semester										Duration				: 16 WEEKS								
Semester		: First NCrF Entry Level : 3.0										Scheme				: K								
Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme					Credits	Assessment Scheme												Total Marks
						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				
						CL	TL	LL					Practical			SLA								
													FA-TH	SA-TH	Total	FA-PR	SA-PR	Max	Min					
																				Max	Min	Max	Min	
(All Compulsory)																								
1	BASIC MATHEMATICS		BMS	AEC	311302	6	4	2	-	2	8	4	3	30	70	100	40	-	-	-	-	25	10	125
2	COMMUNICATION SKILLS (ENGLISH)		ENG	AEC	311303	-	3	-	2	1	6	3	3	30	70	100	40	25	10	-	-	25	10	150
3	BASIC SCIENCE	PHYSICS	BSC	DSC	311305	4	2	-	2	1	10	5	1.5	30	70*##	100	40	25	10	25@	10	25	20	250
		CHEMISTRY					2	-	2	1								25	10	25@	10	25		
4	FUNDAMENTALS OF ICT		ICT	SEC	311001	-	1	-	2	1	4	2	-	-	-	-	-	25	10	25@	10	25	10	75
5	YOGA AND MEDITATION		YAM	VEC	311003	1	-	-	1	1	2	1	-	-	-	-	-	25	10	-	-	25	10	50
6	ENGINEERING WORKSHOP PRACTICES (Mechanical, Electrical and allied branches)		EWP	SEC	311005	2	-	-	4	-	4	2	-	-	-	-	-	50	20	50@	20	-	-	100
7	ENGINEERING GRAPHICS (Civil, Electrical, Mechanical and allied branches)		EGR	DSC	311006	2	2	-	4	-	6	3	-	-	-	-	-	50	20	50@	20	-	-	100
Total						15	14	2	17	7		20		90	210	300		225		175		150		850

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						Actual Contact Hrs./Week			Self Learning (Activity/ Assignment /Micro Project)			Notional Learning Hrs /Week	Theory	Based on LL & TL				Based on Self Learning					
														Practical									
						CL	TL	LL						FA-TH	SA-TH	Total		FA-PR		SA-PR			SLA
													Max			Min	Max	Min	Max	Min	Max		Min

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 :

- FA-TH represents average of two class tests of 30 marks each conducted during the semester.
- 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.
- 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.
- Notional Learning hours for the semester are (CL+LL+TL+SL)hrs.* 15 Weeks
- 1 credit is equivalent to 30 Notional hrs.
- * Self learning hours shall not be reflected in the Time Table.
- * 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)

♦ For the course Basic Science - candidate will have to appear for pre-examination of both physics & chemistry. If absent in any one section (physics / chemistry) student will be declared as absent & fail for the course and marks will not be processed or carried forward.