

Maharashtra State Board Of Technical Education, Mumbai																							
Learning and Assessment Scheme for Post S.S.C Diploma Courses																							
: Diploma In Artificial Intelligence / Artificial Intelligence and Machine Learning / Cloud Computing and Big Data / Computer Technology / Computer Engineering / Computer Science & Engineering / Data Sciences / Computer Hardware & Maintenance / Information Technology / Computer Science & Information Technology																							
: AI / AN / BD / CM / CO / CW / DS / HA / IF / IH With Effect From Academic Year : 2023-24																							
Duration Of Programme : 6 Semester Duration : 16 WEEKS																							
Semester : First Scheme : K																							
Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Actual Contact Hrs./Week			Self Learning (Activity/Assignment /Micro Project)	Notional Learning Hrs /Week	Credits	Paper Duration (hrs.)	Assessment Scheme						Total Marks				
						CL	TL	LL					Theory		Based on LL & TL		Based on Self Learning						
												FA-TH	SA-TH	Total	FA-PR	SA-PR	SLA						
												Max	Min	Max	Min	Max	Min						
1	BASIC MATHEMATICS	BMS	AEC	311302	6	4	2	-	2	8	4	3	30	70	100	40	25	10	-	25	10	150	
2	BASIC SCIENCE	BSC	DSC	311305	4	2	-	2	1	10	5	1.5	15	70*#	100	40	25	10	25@	10	25	20	250
						2	-	2	1	1	15	25	10	25@	10	25	10	25@	10	25	10	25	20
3	COMMUNICATION SKILLS (ENGLISH)	ENG	AEC	311303	0	3	-	2	1	6	3	3	30	70	100	40	25	10	-	25	10	150	
4	ENGINEERING GRAPHICS (Electronics, Computer and allied branches)	EGP	DSC	311008	2	2	-	4	-	6	3		-	-	-	-	50	20	50@	20	-	100	
5	ENGINEERING WORKSHOP PRACTICE (COMPUTER GROUP)	WPC	SEC	311002	0	-	-	4	-	4	2		-	-	-	-	50	20	50@	20	-	100	
6	FUNDAMENTALS OF ICT	ICT	SEC	311001	0	1	-	2	1	4	2		-	-	-	-	25	10	25@	10	25	10	75
						1	-	1	1	2	1	2	1	2	1	25	10	25	10	25	10	25	10
7	YOGA AND MEDITATION	YAM	VEC	311003	1	-	-	1	1	2	1		-	-	-	-	25	10	-	-	25	10	50
<b>Total</b>						<b>13</b>	<b>14</b>	<b>2</b>	<b>17</b>	<b>40</b>	<b>20</b>		<b>90</b>	<b>210</b>	<b>300</b>	<b>250</b>	<b>175</b>	<b>150</b>	<b>875</b>				

Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme				Assessment Scheme							
						Actual Contact Hrs./Week	Self Learning (Activity/Assignment /Micro Project)	Notional Learning Hrs /Week	Credits	Paper Duration (hrs.)	Theory		Based on LL & TL		Based on Self Learning		Total Marks
											FA-TH	SA-TH	FA-PR	SA-PR	FA-TH	SA-TH	
						CL	TL	LL	LL	Max	Min	Max	Min	Max	Min	Max	Min
<b>Abbreviations :</b> CL- Classroom Learning , TL- Tutorial Learning, LL-Laboratory Learning, FA - Formative Assessment, SA -Summative Assessment, IKS - Indian Knowledge System, SLA - Self Learning Assessment <b>Legends :</b> @ Internal Assessment, # External Assessment, *# On Line Examination , @\$ Internal Online Examination <b>Note :</b> <ol style="list-style-type: none"> <li>1. FA-TH represents average of two class tests of 30 marks each conducted during the semester.</li> <li>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.</li> <li>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.</li> <li>4. Notional Learning hours for the semester are (CL+LL+TL+SL)hrs.* 15 Weeks</li> <li>5. 1 credit is equivalent to 30 Notional hrs.</li> <li>6. * Self learning hours shall not be reflected in the Time Table.</li> <li>7. * Self learning includes micro project / assignment / other activities.</li> </ol> <b>Course Category :</b> Discipline Specific Course Core (DSC) : 2, Discipline Specific Elective (DSE) : 0, Value Education Course (VEC) : 1, Intern./Apprenti./Project./Community (INP) : 0, AbilityEnhancement Course (AEC) : 2, Skill Enhancement Course (SEC) : 2, GenericElective (GE) : 0 <b>♦ For the course Basic Science - candidate will have to appear for pre-examination of both physics &amp; chemistry. If absent in any one section (physics / chemistry) student will be declared as absent &amp; fail for the course and marks will not be processed or carried forward.</b>																	