

Maharashtra State Board Of Technical Education, Mumbai																									
Learning and Assessment Scheme for Post S.S.C Diploma Courses																									
Programme Name		: Diploma In Automation and Robotics / Digital Electronics / Electronics & Tele-communication Engg. / Electronics & Communication Engg. / Electronics Engineering / Instrumentation & Control / Industrial Electronics / Instrumentation / Medical Electronics / Electronics & Computer Engg.																							
Programme Code		: AO / DE / EJ / ET / EX / IC / IE / IS / MU / TE										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	IKS Hrs	Learning Scheme					Credits	Assessment Scheme												
							Actual Contact Hrs./Week			Self Learning (Term Work + Assignemnt)	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	Max	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	PHYSICS	BSC	DSC	311305	4	2	-	2	1	10	5	1.5	15	70*#	100	40	25	10	25@	10	25	20	250	
		CHEMISTY					2	-	2	1				15				25	10	25@	10	25			
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 ( ELECTRONICS GROUP)		EWP	SEC	311007	2	-	-	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	
7	YOGA AND MEDITATION		YAM	VEC	311003	1	-	-	1	1	2	1		-	-	-	-	25	10	-	-	25	10	50	
Total						15	14	2	17	7	40	20		90	210	300		250		175		150		875	
<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>																									
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.																									
<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																									