

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. / Electrical and Electronics Engineering / Electronics & Communication Engg. / Electronics Engineering / Instrumentation & Control / Industrial Electronics / Instrumentation / Medical Electronics / Electronics & Computer Engg.																									
Programme Code		: AO / DE / EJ / EK / ET / EX / IC / IE / IS / MU / TE										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															
						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					FA-TH	SA-TH	Total	Practical				SLA							
																FA-PR	SA-PR	Max	Min		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 PRACTICE (ELECTRONICS GROUP)	EWP	SEC	311007	2	-	-	4	-	4	2	-	-	-	-	-	50	20	50@	20	-	-	100				
7	ENGINEERING GRAPHICS (Electronics, Computer and allied branches)	EGP	DSC	311008	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			
						CL	TL	LL								Practical							
													FA-TH	SA-TH	Total		FA-PR		SA-PR			SLA	
															Max	Max	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 : 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) , Ability Enhancement Course (AEC) , Skill Enhancement Course (SEC) , Generic Elective (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.																							