

Maharashtra State Board Of Technical Education, Mumbai																								
Learning and Assessment Scheme for Post S.S.C Diploma Courses																								
Programme Name		: Diploma In Digital Electronics / Electronics & Tele-communication Engg. / Electronics & Communication Engg. / Electronics Engineering / Industrial Electronics																						
Programme Code		: DE / EJ / ET / EX / IE										With Effect From Academic Year				: 2023-24								
Duration Of Programme		: 6 Semester										Duration				: 16 WEEKS								
Semester		: Fourth				NCrF Entry Level : 3.5				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	ENVIRONMENTAL EDUCATION AND SUSTAINABILITY	EES	VEC	314301	2	3	-	-	1	4	2	1.5	30	70*#	100	40	-	-	-	-	25	10	125	
2	DIGITAL COMMUNICATION SYSTEMS	DCS	DSC	314326	-	4	-	4	2	10	5	3	30	70	100	40	50	20	25#	10	25	10	200	
3	CONSUMER ELECTRONIC SYSTEMS	CEL	DSC	314327	-	3	-	4	1	8	4	3	30	70	100	40	25	10	25@	10	25	10	175	
4	MICROCONTROLLER & APPLICATIONS	MAA	DSE	314328	-	3	-	4	1	8	4	3	30	70	100	40	25	10	25#	10	25	10	175	
5	BASIC POWER ELECTRONICS	BPE	DSC	314363	-	3	-	2	1	6	3	3	30	70	100	40	25	10	25@	10	25	10	175	
6	ELECTRONIC EQUIPMENT MAINTENANCE & SIMULATION	MEE	SEC	314009	-	-	-	4	-	4	2	-	-	-	-	-	25	10	25@	10	-	-	50	
Total					2	16		18	6		20		150	350	500		150		125		125		900	

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																Practical							
						CL	TL	LL					FA-TH	SA-TH	Total		FA-PR		SA-PR		SLA		
																							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)																							