

Maharashtra State Board Of Technical Education, Mumbai																							
Learning and Assessment Scheme for Post S.S.C Diploma Courses																							
Programme Name		: Diploma In Electronics & Tele-communication Engg. / Electronics & Communication Engg. / Electronics Engineering / Industrial Electronics																					
Programme Code		: EJ / ET / EX / IE										With Effect From Academic Year				: 2023-24							
Duration Of Programme		: 6 Semester										Duration				: 12 Weeks (Industry) + 10 Weeks (Institute)							
Semester		: Fifth		NCrF Entry Level : 4.0						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		
																Practical							
						CL	TL	LL					FA-TH	SA-TH	Total	FA-PR		SA-PR				SLA	
																Max	Min	Max	Min	Max			Min
(All Compulsory)																							
1	EMBEDDED SYSTEM	ESY	DSC	315338	-	5	-	2	2	9	3	3	30	70	100	40	25	10	25#	10	25	10	175
2	MOBILE & WIRELESS COMMUNICATION	MWC	DSC	315339	-	5	-	2	2	9	3	3	30	70	100	40	25	10	25#	10	25	10	175
3	ENTREPRENEURSHIP DEVELOPMENT AND STARTUPS	ENDS	AEC	315002	-	1	-	2	-	3	1	-	-	-	-	50	20	25@	10	-	-	75	
4	SEMINAR AND PROJECT INITIATION COURSE	SPI	AEC	315003	-	-	-	1	2	3	1	-	-	-	-	25	10	25@	10	25	10	75	
5	INTERNSHIP(12 WEEKS)	ITR	INP	315004	-	-	-	-	-	36 - 40	10	-	-	-	-	100	40	100#	40	-	-	200	
other (Any - One )																							
6	ADVANCE POWER ELECTRONICS	APE	DSE	315340	-	4	-	2	-	6	2	3	30	70	100	40	25	10	25#	10	-	-	150
	IOT APPLICATIONS	IAU	DSE	315341	-	4	-	2	-	6	2	3	30	70	100	40	25	10	25#	10	-	-	150
	MICROWAVE ENGINEERING & RADAR SYSTEM	MAR	DSE	315342	-	4	-	2	-	6	2	3	30	70	100	40	25	10	25#	10	-	-	150
Total						15		9	6		20		90	210	300		250		225		75		850

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																Practical							
						CL	TL	LL					FA-TH	SA-TH	Total		FA-PR		SA-PR		SLA		
																	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> 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.* 10 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. <b>Note:</b> Notional learning hours for <b>internship represents the student engagement hours.</b> <b>Course Category :</b> 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)																							