

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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						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		
						Practical																
						CL	TL	LL					FA-TH	SA-TH	Total	FA-PR	SA-PR	SLA				
																			Max	Max		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 :

- FA-TH represents average of two class tests of 30 marks each conducted during the semester.
- 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.
- 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.
- Notional Learning hours for the semester are (CL+LL+TL+SL)hrs.* 10 Weeks
- 1 credit is equivalent to 30 Notional hrs.
- * Self learning hours shall not be reflected in the Time Table.
- * Self learning includes micro project / assignment / other activities. **Note:** Notional learning hours for **internship represents the student engagement hours.**

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)