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	Abbrevation	Course Type	Course Code	Total IKS Hrs for Sem.	Actual Contact Hrs./Week			Self Learning (Activity/ Assignment /Micro Project)	Notional Learning Hrs /Week	Credits	Paper Duration (hrs.)	Theory				Based on LL & TL				Based on Self Learning		Total Marks
						CL	TL	LL					FA-TH	SA-TH	Total		FA-PR		SA-PR		SLA		
																	Practical						
													Max	Max	Max	Min	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

Sr No	Course Title	Abbrevation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme					Credits	Paper Duration (hrs.)	Assessment Scheme										Total Marks
						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					FA-TH	SA-TH	Total	Practical				SLA		
																FA-PR		SA-PR				
													Max	Max	Max	Min	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) , AbilityEnhancement Course (AEC) , Skill Enhancement Course (SEC) , GenericElective (GE)