Maharashtra State Board Of Technical Education, Mumbai

Learning and Assessment Scheme for Post S.S.C Diploma Courses

Programme Name	: Diploma In Medical Electronics	
Programme Code	: MU	**With Effect From Academic Year** : 2023-24
Duration Of Programme	: 6 Semester	**Duration** : 16 WEEKS
Semester	: Third **NCrF Entry Level : 3.5**	**Scheme** : K

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		
																	Practical						
						CL	TL	LL					FA-TH	SA-TH	Total		FA-PR		SA-PR		SLA		
													Max	Max	Max	Min	Max	Min	Max	Min	Max	Min	
(All Compulsory)																							
1	DIGITAL TECHNIQUES	DTE	DSC	313303	-	3	-	2	1	6	3	3	30	70	100	40	25	10	25#	10	25	10	175
2	ANALOG ELECTRONICS	ATE	DSC	313324	-	3	-	4	1	8	4	3	30	70	100	40	25	10	25#	10	25	10	175
3	BIOSENSORS APPLICATIONS	BIO	DSC	313327	-	4	-	2	2	8	4	3	30	70	100	40	25	10	25#	10	25	10	175
4	HUMAN ANATOMY & PHYSIOLOGY	HAP	DSC	313328	-	4	-	2	-	6	3	3	30	70	100	40	25	10	-	-	-	-	125
5	ESSENCE OF INDIAN CONSTITUTION	EIC	VEC	313002	-	1	-	-	1	2	1	-	-	-	-	-	-	-	-	-	50	20	50
6	BASIC PYTHON PROGRAMMING	BPP	AEC	313011	-	2	-	2	-	4	2	-	-	-	-	-	25	10	25@	10	-	-	50
7	ELECTRONIC MEASUREMENTS & INSTRUMENTATION	EMI	AEC	313012	-	2	-	2	2	6	3	-	-	-	-	-	50	20	25@	10	25	10	100
	Total					19		14	7		20		120	280	400		175		125		150		850

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		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)