

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	Abbreviation	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															
										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		

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) , Ability Enhancement Course (AEC) , Skill Enhancement Course (SEC) , Generic Elective (GE)