

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 : Fourth						NCrF Entry Level : 3.5						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			
						CL	TL	LL								Practical								
													FA-TH	SA-TH	Total		FA-PR		SA-PR			SLA		
													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	ANALOG & DIGITAL COMMUNICATION	ADC	DSC	314329	1	4	-	2	-	6	3	3	30	70	100	40	25	10	25@	10	-	-	150	
3	ANALYTICAL EQUIPMENT	AEQ	DSC	314330	-	4	-	2	2	8	4	3	30	70	100	40	25	10	25@	10	25	10	175	
4	MICROCONTROLLER AND EMBEDDED SYSTEM	MES	AEC	314331	-	4	-	4	-	8	4	3	30	70	100	40	25	10	50#	20	-	-	175	
5	DIAGNOSTIC EQUIPMENT	DEQ	DSC	314332	1	3	-	4	1	8	4	3	30	70	100	40	25	10	25#	10	25	10	175	
6	APPLICATIONS OF BIOMATERIALS	AOB	DSC	314010	-	2	-	2	2	6	3	-	-	-	-	-	25	10	50@	20	25	10	100	
Total					4	20		14	6		20		150	350	500		125		175		100		900	
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)																								