



Maharashtra State Board of Technical Education, Mumbai
Teaching And Examination Scheme For Post S.S.C. Diploma Courses

Program Name : Diploma in Medical Electronics

Program Code : MU

With Effect From Academic Year: 2017 - 18

Duration of Program : 6 Semesters

Duration : 16 Weeks

Semester : Fifth

Scheme : I

S. N.	Course Title	Course Abbreviation	Course Code	Teaching Scheme			Credit (L+T+P)	Examination Scheme												Grand Total	
				L	T	P		Theory				ESE				PA					Total
								Exam Duration in Hrs.	Max Marks	Min Marks	PA Max Marks	ESE Max Marks	ESE Min Marks	PA Max Marks	PA Min Marks	Total Max Marks	Total Min Marks				
																		Max Marks	Min Marks		
1	Rehabilitation Engineering	REN	22545	3	2	-	5	3	70	28	30*	00	100	40	--	--	--	--	100		
2	Therapeutic Equipment	TEQ	22546	3	2	2	7	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150
3	Medical Imaging Equipment	MIE	22547	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
4	Intensive Care Equipment	ICE	22548	3	-	2	5	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150
5	Energy and Biomedical Waste Management	EBW	22549	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
6	Entrepreneurship Development	EDE	22032	2	-	2	4	--	--	--	--	--	--	--	50@	20	50~	20	100	40	100
Total				17	4	10	31	--	350	--	150	--	500	--	150	--	300	--	800		

Student Contact Hours Per Week: **31 Hrs.**

Medium of Instruction: **English**

Theory and practical periods of 60 minutes each. Total Marks : **800**

Abbreviations: ESE- End Semester Exam, PA- Progressive Assessment, L - Lectures, T - Tutorial, P - Practical

@ Internal Assessment, # External Assessment, * On Line Examination, ^ Computer Based Assessment

* Under the theory PA, Out of 30 marks, 10 marks are for micro-project assessment to facilitate integration of COs and the remaining 20 marks is the average of 2 tests to be taken during the semester for the assessment of the cognitive domain LOs required for the attainment of the COs.

~ For the courses having ONLY Practical Examination, the PA marks Practical Part - with 60% weightage and Micro-Project Part with 40% weightage

➤ **If Candidate not securing minimum marks for passing in the "PA" part of practical of any course of any semester then the candidate shall be declared as "Detained" for that semester.**

➤ **Evaluation of Industrial Training and its reports is to done after completion of Industrial Training. Credits of Industrial Training will not affect the framing of time table.**

