



**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 : Fourth**

**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				Practical								
								ESE		PA		Max Marks		Min Marks		ESE		PA			Max Marks		Min Marks	
								Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks					
1	Analog Circuits	ACI	22433	4	-	2	6	70	28	30*	00	100	40	25#	10	25	10	50	20	150				
2	Microcontroller and Embedded System	MES	22434	3	-	2	5	70	28	30*	00	100	40	25#	10	25	10	50	20	150				
3	Analytical Equipment	AEQ	22435	3	-	2	5	70	28	30*	00	100	40	25@	10	25	10	50	20	150				
4	Diagnostic Equipment	DEQ	22436	3	2	2	7	70	28	30*	00	100	40	25#	10	25	10	50	20	150				
5	Electronic Communication Techniques	ECT	22437	3	-	2	5	70	28	30*	00	100	40	25@	10	25	10	50	20	150				
6	Simulation Software	SSO	22038	-	-	4	4	--	--	--	--	--	--	50@	20	50~	20	100	40	100				
7	Technical Writing and Soft Skill	TWS	22039	-	-	2	2	--	--	--	--	--	--	25@	10	25~	10	50	20	50				
<b>Total</b>				<b>16</b>	<b>2</b>	<b>16</b>	<b>34</b>	<b>350</b>	<b>--</b>	<b>150</b>	<b>--</b>	<b>500</b>	<b>--</b>	<b>200</b>	<b>--</b>	<b>200</b>	<b>--</b>	<b>400</b>	<b>--</b>	<b>900</b>				

Student Contact Hours Per Week: **34 Hrs.**

Medium of Instruction: **English**

**Theory and practical periods of 60 minutes each.**

Total Marks : **900**

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.**

