



**Maharashtra State Board Of Technical Education, Mumbai**

**Teaching And Examination Scheme For Post S.S.C. Diploma Courses**

**Program Name : Diploma in Electronics & Tele-Communication, Diploma in Electronics, Diploma in Communication Technology, Diploma in Communication Engineering, Diploma in Electronics Engineering**

**Program Code : EJ/EN/EQ/ET/EX**

**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						Practical							
								ESE		PA		Total		ESE		PA		Total			
								Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Max Marks	Min Marks			
1	Environmental Studies	EST	22447	3	-	-	3	90 Min	70*#	28	30*	00	100	40	40	--	--	--	--	100	
2	Control Systems and PLC	CSP	22531	4	-	2	6	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
3	Embedded Systems	ESY	22532	3	-	2	5	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150
4	Mobile and Wireless Communication	MWC	22533	4	-	4	8	3	70	28	30*	00	100	40	50#	20	50	20	100	40	200
<b>Elective (Any One)</b>																					
5	Industrial Automation	IAU	22534	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
	Microwave and RADAR	MAR	22535	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
6	Industrial Training	ITR	22057	-	-	6	6	--	--	--	--	--	--	--	75#	30	75	30	150	60	150
7	Capstone Project Planning	CPP	22058	-	-	2	2	--	--	--	--	--	--	--	25@	10	25	10	50	20	50
<b>Total</b>				<b>17</b>	<b>-</b>	<b>18</b>	<b>35</b>	<b>--</b>	<b>350</b>	<b>--</b>	<b>150</b>	<b>--</b>	<b>500</b>	<b>--</b>	<b>225</b>	<b>--</b>	<b>225</b>	<b>--</b>	<b>450</b>	<b>--</b>	<b>950</b>

Student Contact Hours Per Week: **35 Hrs.**

Medium of Instruction: **English**

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

Total Marks : **950**

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.**

