



**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 : Sixth**

**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								
								Exam Duration in Hrs.	ESE		PA		Total		ESE		PA		Total			
									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	Management	MAN	22509	3	-	-	3	90 Min	70*#	28	30*	00	100	40	--	--	--	--	--	--	100	
2	Computer Networking and Data Communication	CND	22634	3	-	2	5	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150	
3	Emerging Trends in Electronics	ETE	22636	3	-	-	3	90 Min	70*#	28	30*	00	100	40	--	--	--	--	--	--	100	
<b>Elective – II (Select Any One)</b>																						
4	Mechatronics	MEC	22643	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150	
	Optical Network and Satellite Communication	ONS	22647	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150	
5	Entrepreneurship Development	EDE	22032	2	-	2	4	--	--	--	--	--	--	--	50@	20	50~	20	100	40	100	
6	Capstone Project - Execution & Report Writing	CPE	22060	-	-	4	4	--	--	--	--	--	--	--	50#	20	50~	20	100	40	100	
7	VLSI with VHDL	VWV	22062	2	-	2	4	--	--	--	--	--	--	--	25#	10	25	10	50	20	50	
<b>Total</b>				<b>16</b>	<b>-</b>	<b>12</b>	<b>28</b>	<b>--</b>	<b>280</b>	<b>--</b>	<b>120</b>	<b>--</b>	<b>400</b>	<b>--</b>	<b>175</b>	<b>--</b>	<b>175</b>	<b>--</b>	<b>350</b>	<b>--</b>	<b>750</b>	

Student Contact Hours Per Week: **28 Hrs.**

Medium of Instruction: **English**

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

Total Marks : **750**

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.**

