



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

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.**

