



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 : 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			PA			ESE			PA						
								Exam Duration in Hrs.	Max Marks	Min Marks	Max Marks	Min Marks	Total Marks	Max Marks	Min Marks	Total Marks	Max Marks	Min Marks		Total Marks			
																					ESE	PA	Total
1	Linear Integrated Circuits	LJC	22423	4	-	2	6	3	70	28	28	30*	00	100	40	25#	10	25	10	50	20	150	
2	Consumer Electronics	CEL	22425	3	-	2	5	3	70	28	28	30*	00	100	40	25@	10	25	10	50	20	150	
3	Microcontroller and Applications	MAA	22426	4	-	2	6	3	70	28	28	30*	00	100	40	25#	10	25	10	50	20	150	
4	Basic Power Electronics	BPE	22427	3	-	2	5	3	70	28	28	30*	00	100	40	25@	10	25	10	50	20	150	
5	Digital Communication Systems	DCS	22428	4	-	4	8	3	70	28	28	30*	00	100	40	50#	20	50	20	100	40	200	
6	Maintenance of Electronics Equipment and EDA Tools Practices	MET	22036	-	-	4	4	--	--	--	--	--	--	--	--	50@	20	50~	20	100	40	100	
Total				18	-	16	34	--	350	--	150	--	500	--	200	--	400	--	900	--	400	--	900

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

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 semester then the candidate shall be declared as "Detained" for that semester.**

➤ **In-Plant Training during Summer vacation for minimum Six Weeks at the end of Fourth Semester (Second Year).**

