



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

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).**

