



**Maharashtra State Board Of Technical Education, Mumbai**  
**Teaching And Examination Scheme For Post S.S.C. Diploma Courses**

**Program Name : Diploma in Digital Electronics**  
**Program Code : DE**

**Duration of Program : 6 Semesters**

**Semester : Fourth**

**With Effect From Academic Year: 2017 - 18**

**Duration : 16 Weeks**

**Scheme - I**

S. N.	Course Title	Course Abbrviation	Course Code	Teaching Scheme			Credit (L+T+P)	Exam Duration in Hrs.	Theory						Practical						Grand Total
				L	T	P			ESE		PA		Total	ESE		PA		Total			
									Max Marks	Min Marks	Max Marks	Min Marks		Max Marks	Min Marks	Max Marks	Min Marks				
1	Linear Integrated Circuits	22423	LIC	4	-	2	6	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150
2	Analog and Digital Communication	22424	ADC	4	-	4	8	3	70	28	30*	00	100	40	50#	20	50	20	100	40	200
3	Consumer Electronics	22425	CEL	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
4	Microcontroller and Applications	22426	MAA	4	-	2	6	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150
5	Basic Power Electronics	22427	BPE	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
6	Maintenance of Electronics Equipment	22035	MEE	-	-	4	4	--	--	--	--	--	--	--	50@	20	50~	20	100	40	100
<b>Total</b>				<b>18</b>	<b>-</b>	<b>16</b>	<b>34</b>	<b>--</b>	<b>350</b>	<b>--</b>	<b>150</b>	<b>--</b>	<b>500</b>	<b>--</b>	<b>200</b>	<b>--</b>	<b>200</b>	<b>--</b>	<b>400</b>	<b>--</b>	<b>900</b>

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

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

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.**

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

