



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

**Program Name : Diploma in Electrical Engineering**

**Program Code : EE/EP/EU**

**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			ESE			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	Max Marks	Min Marks	Total Marks
1	Electric Motors and Transformers	CNE	22418	4	2	2	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150			
2	Electrical Power Transmission and Distribution	EPT	22419	3	2	-	3	70	28	30*	00	100	40	--	--	--	--	--	--	100			
3	Industrial Measurement	IME	22420	3	-	2	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150			
4	Digital Electronics and Microcontroller Application	DEM	22421	4	-	2	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150			
5	Environmental Studies	EST	22447	3	-	-	90 Min	70*#	28	30*	00	100	40	--	--	--	--	--	--	100			
6	Electrical Drawing and CAD	EDC	22033	-	-	4	--	--	--	--	--	--	--	50@	20	50	20	100	40	100			
<b>Total</b>				<b>17</b>	<b>4</b>	<b>10</b>	<b>31</b>	<b>350</b>	<b>--</b>	<b>150</b>	<b>--</b>	<b>500</b>	<b>--</b>	<b>125</b>	<b>--</b>	<b>250</b>	<b>--</b>	<b>750</b>	<b>--</b>	<b>750</b>			

Student Contact Hours Per Week: **31 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.**
- **In-Plant Training during Summer vacation for minimum Six Weeks at the end of Fourth Semester (Second Year).**

