



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						Practical						
								ESE		PA		Total		ESE		PA		Total		
								Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks		
1	Electric Motors and Transformers	CNE	22418	4	2	2	8	70	28	30*	00	100	40	25#	10	25	10	50	20	150
2	Electrical Power Transmission and Distribution	EPT	22419	3	2	-	5	70	28	30*	00	100	40	--	--	--	--	--	--	100
3	Industrial Measurement	IME	22420	3	-	2	5	70	28	30*	00	100	40	25#	10	25	10	50	20	150
4	Digital Electronics and Microcontroller Application	DEM	22421	4	-	2	6	70	28	30*	00	100	40	25@	10	25	10	50	20	150
5	Environmental Studies	EST	22447	3	-	-	3	70*#	28	30*	00	100	40	--	--	--	--	--	--	100
6	Electrical Drawing and CAD	EDC	22033	-	-	4	4	--	--	--	--	--	--	50@	20	50	20	100	40	100
Total				17	4	10	31	350	--	150	--	500	--	125	--	250	--	250	--	750

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).**



