



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 Abbre- viation	Course Code	Teaching Scheme			Credit (L+T+P)	Examination Scheme														Grand Total		
				L	T	P		Theory								Practical								
								Exam Duration in Hrs.	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	Min Marks				
1	Electric Motors and Transformers	CNE	22418	4	2	2	8	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150			
2	Electrical Power Trasmision and Distribution	EPT	22419	3	2	-	5	3	70	28	30*	00	100	40	--	--	--	--	--	--	100			
3	Industrial Measurement	IME	22420	3	-	2	5	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150			
4	Digital Electronics and Microcontroller Application	DEM	22421	4	-	2	6	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150			
5	Enviormental Studies	EST	22447	3	-	-	3	90 Min	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	--	125	--	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).**

