



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 : Fifth

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		ESE		PA		ESE		PA			
								Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks		Max Marks
1	Management	MAN	22509	3	-	-	3	90 Min	70*#	28	30*	00	100	40	--	--	--	--	100		
2	Industrial AC Machines	IAM	22523	4	-	2	6	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150
3	Switchgear and Protection	SAP	22524	4	-	2	6	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150
4	Energy Conservation and Audit	ECA	22525	3	-	2	5	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150
Elective (Any One)																					
	Elements of Industrial Automation	EIA	22526	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
	Power Electronics Application	PEA	22527	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
5	Wind Power Technologies	WPT	22528	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
	Power System Analysis	PSA	22529	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
	Illumination and Electrification of Buildings	IEB	22530	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
6	Entrepreneurship Development	EDE	22032	2	-	2	4	--	--	--	--	--	--	--	50@	20	50~	20	40	40	100
7	Industrial Training	ITR	22057	-	-	6	6	--	--	--	--	--	--	--	75#	30	75	30	150	60	150
8	Capstone Project Planning	CPP	22058	-	-	2	2	--	--	--	--	--	--	--	25@	10	25	10	50	20	50
Total				19	-	18	37	--	350	--	150	--	500	--	250	--	250	10	500	20	1000



Student Contact Hours Per Week: **37 Hrs.** Medium of Instruction: **English**

Total Marks : **1000**

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.**
- **Evaluation of Industrial Training and its reports is to done after completion of Industrial Training. Credits of Industrial Training will not affect the framing of time table.**

