



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		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	Management	MAN	22509	3	-	-	28	30*	00	100	40	--	--	--	--	100				
2	Industrial AC Machines	IAM	22523	4	-	2	28	30*	00	100	40	25#	10	25	10	50	20	150		
3	Switchgear and Protection	SAP	22524	4	-	2	28	30*	00	100	40	25#	10	25	10	50	20	150		
4	Energy Conservation and Audit	ECA	22525	3	-	2	28	30*	00	100	40	25#	10	25	10	50	20	150		
<b>Elective (Any One)</b>																				
	Elements of Industrial Automation	EIA	22526	3	-	2	28	30*	00	100	40	25@	10	25	10	50	20	150		
	Power Electronics Application	PEA	22527	3	-	2	28	30*	00	100	40	25@	10	25	10	50	20	150		
	Wind Power Technologies	WPT	22528	3	-	2	28	30*	00	100	40	25@	10	25	10	50	20	150		
5	Power System Analysis	PSA	22529	3	-	2	28	30*	00	100	40	25@	10	25	10	50	20	150		
	Illumination and Electrification of Buildings	IEB	22530	3	-	2	28	30*	00	100	40	25@	10	25	10	50	20	150		
6	Entrepreneurship Development	EDE	22032	2	-	2	--	--	--	--	--	50@	20	50~	20	100	40	100		
7	Industrial Training	ITR	22049	-	-	6	--	--	--	--	--	75#	30	75~	20	150	60	150		
8	Capstone Project Planning	CPP	22050	-	-	2	--	--	--	--	--	25@	10	25~	10	50	20	50		
<b>Total</b>				<b>19</b>	<b>-</b>	<b>18</b>	<b>37</b>	<b>150</b>	<b>350</b>	<b>500</b>	<b>250</b>	<b>250</b>	<b>500</b>	<b>250</b>	<b>500</b>	<b>1000</b>	<b>1000</b>			

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

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

Total Marks : **1000**

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 during this semester. Credit of Industrial Training will not affect the framing of time table.**

