



Maharashtra State Board of Technical Education, Mumbai

Teaching And Examination Scheme For Post S.S.C. Diploma Courses

Program Name : Diploma in Industrial Electronics

Program Code : IE

With Effect From Academic Year: 2017 - 18

Duration of Program : 6 Semesters

Duration : 16 Weeks

Semester : Sixth

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	Min Marks		Max Marks
1	Management	MAN	22509	3	-	-	3	90 Min	70*#	28	30*	00	100	40	--	--	--	--	100		
2	Embedded Systems	ESY	22532	3	-	2	5	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150
3	Emerging Trends in Electronics	ETE	22636	3	-	-	3	90 Min	70*#	28	30*	00	100	40	--	--	--	--	--	--	100
4	PLC and SCADA	PLC	22640	4	-	2	6	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150
Elective – I (Select Any One)																					
5	Very Large Scale Integration	VLS	22639	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
	Mechatronics	MEC	22643	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	100	40	100
7	Capstone Project – Execution & Report Writing	CPE	22060	-	-	4	4	--	--	--	--	--	--	--	50#	20	50~	20	100	40	100
Total				18	-	12	30	--	350	--	150	--	500	--	175	--	175	--	350	--	850

Student Contact Hours Per Week: 30 Hrs.

Medium of Instruction: English

Theory and practical periods of 60 minutes each.

Total Marks : 850

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.**

