

 <b>Maharashtra State Board of Technical Education, Mumbai</b>	
<b>Teaching And Examination Scheme For Post S.S.C. Diploma Courses</b>	
<b>Program Name : Diploma in Instrumentation / Diploma in Instrumentation &amp; Control</b>	
<b>Program Code : IS / IC</b>	
<b>Duration of Program : 6 Semesters</b>	
<b>Semester : Sixth</b>	
<b>With Effect From Academic Year: 2017 - 18</b>	
<b>Duration : 16 Weeks</b>	
<b>Scheme - I</b>	

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 Max Marks	ESE Min Marks	PA Max Marks	PA Min Marks	Total Max Marks	Total Min Marks	ESE Max Marks	ESE Min Marks	PA Max Marks	PA Min Marks		Total Max Marks
1	Management	MAN	22509	3	-	-	3	90 Min	70*#	28	30*	00	100	40	--	--	--	--	--	100
2	Emerging Trends in Electronics	ETE	22636	3	-	-	3	90 Min	70*#	28	30*	00	100	40	--	--	--	--	--	100
3	Process Control	PCO	22644	3	-	2	5	3	70	28	30*	00	100	40	25#	10	25	10	50	150
4	Distributed Control System	DCS	22645	3	-	2	5	3	70	28	30*	00	100	40	25#	10	25	10	50	150
Elective – II (Select any One)																				
5	Biomedical Instrumentation	BIN	22648	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	150
	Building Automation	BAU	22649	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	150
6	Capstone Project – Execution & Report Writing	CPE	22060	-	-	4	4	--	--	--	--	--	--	--	50#	20	50~	20	100	100
Total				15	-	10	25	--	350	--	150	--	500	--	125	--	125	--	250	750

Student Contact Hours Per Week: 25 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.

