



Maharashtra State Board of Technical Education, Mumbai
Teaching And Examination Scheme For Post S.S.C. Diploma Courses

Program Name : Diploma in Instrumentation / Diploma in Instrumentation & Control

Program Code : IS / IC **With Effect From Academic Year: 2017 - 18**

Duration of Program : 6 Semesters **Duration : 16 Weeks**

Semester : Fifth **Scheme - I**

Semester : I (1800)				Examination Scheme												Grand Total					
S. N.	Course Title	Course Abbrviation	Course Code	Teaching Scheme		Credit (L+T+P)	Theory						Practical								
				L	T		P	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	
1	Environmental Studies	EST	22447	3	-	-	3	90 Min	70*#	28	30*	00	100	40	--	--	--	--	--	100	
2	Industrial Automation	IAU	22534	3	-	2	5	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150
3	Control Systems	CSY	22541	4	-	4	8	3	70	28	30*	00	100	40	50#	20	50	20	100	40	200
4	Process Instrumentation	PIN	22542	4	-	2	6	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
Elective (Any One)																					
5	Embedded Systems	ESY	22532	3	-	2	5	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150
	Analytical Instrumentation	AIN	22543	3	-	2	5	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150
6	Enterprenureship Development	EDE	22032	2	-	2	4	--	--	--	--	--	--	--	50@	20	50~	20	100	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	-	20	39	--	350	--	150	--	500	--	275	--	275	--	550	--	1050

Student Contact Hours Per Week: 39 Hrs.

Medium of Instruction: English

Theory and practical periods of 60 minutes each. **Total Marks : 1050**

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.

