



**Maharashtra State Board of Technical Education, Mumbai**

**Teaching and Examination Scheme for Post S.S.C. Diploma Courses**

**Program Name : Diploma in Information Technology**

**Program Code : IF**

**With Effect From Academic Year: 2017 - 18**

**Duration of Program : 6 Semesters**

**Duration : 16 Weeks**

**Semester : Third**

**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								
								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	Min Marks		
1	Object Oriented Programming Using C++	OOP	22316	3	2	2	7	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150	
2	Data Structure Using 'C'	DSU	22317	3	-	2	5	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150	
3	Principles of Database	POD	22321	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150	
4	Data Communication	DCO	22322	3	-	-	3	3	70	28	30*	00	100	40	--	--	--	--	--	--	100	
5	Digital Techniques and Microprocessor	DTM	22323	4	-	2	6	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150	
6	Applied Multimedia Techniques	AMT	22024	2	-	4	6	--	--	--	--	--	--	--	50#	20	50~	20	100	40	100	
<b>Total</b>				<b>18</b>	<b>2</b>	<b>12</b>	<b>32</b>	<b>--</b>	<b>350</b>	<b>--</b>	<b>150</b>	<b>--</b>	<b>500</b>	<b>--</b>	<b>150</b>	<b>--</b>	<b>150</b>	<b>--</b>	<b>300</b>	<b>--</b>	<b>800</b>	

Student Contact Hours Per Week: **32 Hrs.**

Medium of Instruction: **English**

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

**Total Marks : 800**

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.**

