



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

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

**Program Name : Diploma in Computer Engineering / Diploma in Computer Technology / Diploma in Computer Science and Engineering**

**Program Code : CO/CM/CW**

**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				Total	Total					
								ESE		PA		ESE		PA				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	Management	MGT	22509	3	-	-	3	90 Min	70*#	28	30*	00	100	40	--	--	--	--	100			
2	Programming with Python	PWP	22616	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150	
3	Mobile Application Development	MAD	22617	3	-	4	7	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150	
4	Emerging Trends in Computer and Information Technology	ETI	22618	3	-	-	3	90 Min	70*#	28	30*	00	100	40	--	--	--	--	--	--	100	
<b>Elective – II (Select Any One)</b>																						
5	Web Based Application Development Using PHP	WBP	22619	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150	
	Network and Information Security	NIS	22620	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150	
6	Data Warehousing with Mining Techniques	DWM	22621	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150	
	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	
	<b>Total</b>			<b>17</b>	<b>-</b>	<b>14</b>	<b>31</b>	<b>--</b>	<b>350</b>	<b>--</b>	<b>150</b>	<b>--</b>	<b>500</b>	<b>--</b>	<b>175</b>	<b>--</b>	<b>175</b>	<b>--</b>	<b>350</b>	<b>--</b>	<b>850</b>	

Student Contact Hours Per Week: **31 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 shall be declared as  
 ➤ **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.**

