Maharashtra State Board Of Technical Education, Mumbai

Learning and Assessment Scheme for Post S.S.C Diploma Courses

Programme Name	**: Diploma In Computer Technology / Computer Engineering / Computer Science & Engineering / Computer Hardware & Maintenance**		
Programme Code	**: CM / CO / CW / HA**	**With Effect From Academic Year**	
Duration Of Programme	**: 6 Semester**	**Duration**	**: 16 WEEKS**
Semester	**: Third** **NCrF Entry Level : 3.5**	**Scheme**	**: K**

Sr No	Course Title	Abbrevation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme					Credits	Assessment Scheme											
						Actual Contact Hrs./Week			Self Learning (Activity/ Assignment /Micro Project)	Notional Learning Hrs /Week		Paper Duration (hrs.)	Theory				Based on LL & TL				Based on Self Learning		Total Marks
																	Practical						
						CL	TL	LL					FA-TH	SA-TH	Total		FA-PR		SA-PR		SLA		
													Max	Max	Max	Min	Max	Min	Max	Min	Max	Min	
(All Compulsory)																							
1	DATA STRUCTURE USING C	DSU	DSC	313301	-	3	1	4	-	8	4	3	30	70	100	40	50	20	25#	10	-	-	175
2	DATABASE MANAGEMENT SYSTEM	DMS	DSC	313302	-	3	1	4	2	10	5	3	30	70	100	40	50	20	25#	10	25	10	200
3	DIGITAL TECHNIQUES	DTE	DSC	313303	-	3	-	2	1	6	3	3	30	70	100	40	25	10	25#	10	25	10	175
4	OBJECT ORIENTED PROGRAMMING USING C++	OOP	SEC	313304	-	3	2	4	1	10	5	3	30	70	100	40	50	20	25@	10	25	10	200
5	COMPUTER GRAPHICS	CGR	DSC	313001	-	1	-	2	1	4	2	-	-	-	-	-	25	10	-	-	25	10	50
6	ESSENCE OF INDIAN CONSTITUTION	EIC	VEC	313002	-	1	-	-	1	2	1	-	-	-	-	-	-	-	-	-	50	20	50
Total						**14**	**4**	**16**	**6**		**20**		**120**	**280**	**400**		**200**		**100**		**150**		**850**

Abbreviations : CL- Classroom Learning , TL- Tutorial Learning, LL-Laboratory Learning, FA - Formative Assessment,SA -Summative Assessment, IKS - Indian Knowledge System, SLA - Self Learning Assessment

Legends : @ Internal Assessment, # External Assessment, *# On Line Examination , @$ Internal Online Examination

Note :

1. FA-TH represents average of two class tests of 30 marks each conducted during the semester.
2. If candidate is not securing minimum passing marks in FA-PR of any course then the candidate shall be declared as "Detained" in that semester.
3. If candidate is not securing minimum passing marks in SLA of any course then the candidate shall be declared as fail and will have to repeat and resubmit SLA work.
4. Notional Learning hours for the semester are (CL+LL+TL+SL)hrs.* 15 Weeks
5. 1 credit is equivalent to 30 Notional hrs.
6. * Self learning hours shall not be reflected in the Time Table.
7. * Self learning includes micro project / assignment / other activities.

Course Category : Discipline Specific Course Core (DSC) , Discipline Specific Elective (DSE) , Value Education Course (VEC) , Intern./Apprenti./Project./Community (INP) , AbilityEnhancement Course (AEC) , Skill Enhancement Course (SEC) , GenericElective (GE)