

Maharashtra State Board Of Technical Education, Mumbai																							
Learning and Assessment Scheme for Post S.S.C Diploma Courses																							
Programme Name : Diploma In Computer Engineering																							
Programme Code : CO																							
Duration Of Programme : 6 Semester																							
Semester : Sixth																							
With Effect From Academic Year : 2023-24																							
Duration : 16 WEEKS																							
Scheme : K																							
Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme				Credits	Paper Duration (hrs.)	Assessment Scheme											
						Actual Contact Hrs./Week		Self Learning (Activity/Assignment /Micro Project)	Notional Learning Hrs /Week			Theory		Based on LL & TL		Based on Self Learning		Total Marks					
						CL	TL					LL	FA-TH	SA-TH	FA-PR	SA-PR	SLA		Max	Min			
(All Compulsory)																							
1	MANAGEMENT EMERGING TRENDS IN COMPUTER ENGINEERING AND INFORMATION TECHNOLOGY	MAN	AEC	315301	1	3	-	-	1	4	2	1.5	30	70**	100	40	-	-	-	25	10	125	
2	SOFTWARE TESTING	ETI	DSC	316313	-	3	-	-	1	4	2	1.5	30	70**	100	40	-	-	-	25	10	125	
3	CLIENT SIDE SCRIPTING	SFT	DSC	316314	-	3	-	4	1	8	4	3	30	70	100	40	25	10	-	25	10	150	
4	MOBILE APPLICATION DEVELOPMENT	CSS	AEC	316005	-	2	-	4	-	6	3	-	-	-	-	25	10	25@	10	-	50		
5	CAPSTONE PROJECT	MAD	DSC	316006	-	2	-	4	2	8	4	-	-	-	-	25	10	25#	10	25	10	75	
6	DIGITAL FORENSIC AND HACKING TECHNIQUES	CPE	INP	316004	-	-	-	2	2	4	2	-	-	-	-	50	20	50#	20	50	20	150	
Elective 2 (Any - One)																							
7	MACHINE LEARNING NETWORK AND INFORMATION SECURITY	DFH	DSE	316315	-	3	-	2	1	6	3	3	30	70	100	40	25	10	25#	10	25	10	175
		MAL	DSE	316316	-	3	-	2	1	6	3	3	30	70	100	40	25	10	25#	10	25	10	175
		NIS	DSE	316317	-	3	-	2	1	6	3	3	30	70	100	40	25	10	25#	10	25	10	175
Total					1	16	16	8	20	280	400	120	280	400	150	125	175	850					

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						CL	TL					LL	FA-TH	SA-TH	Total	FA-PR	SA-PR	Max	Min	
									Max	Min	Max	Min	Max	Min	Max	Min	Max	Min		
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) , Ability Enhancement Course (AEC) , Skill Enhancement Course (SEC) , Generic Elective (GE)																				