

Maharashtra State Board Of Technical Education, Mumbai																									
Learning and Assessment Scheme for Post S.S.C Diploma Courses																									
Programme Name		: Diploma In Information Technology																							
Programme Code		: IF										With Effect From Academic Year					2023-24								
Duration Of Programme		: 6 Semester										Duration					: 16 WEEKS								
Semester		: Sixth										NCrF Entry Level : 4.0					Scheme					: K			
Sr No	Course Title	Abbreviation	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				
						CL	TL	LL								Practical									
													FA-TH	SA-TH	Total		FA-PR		SA-PR			SLA			
															Max	Min	Max	Min	Max			Min	Max	Min	Max
(All Compulsory)																									
1	MANAGEMENT	MAN	AEC	315301	1	3	-	-	1	4	2	1.5	30	70*#	100	40	-	-	-	-	25	10	125		
2	EMERGING TRENDS IN COMPUTER ENGINEERING AND INFORMATION TECHNOLOGY	ETI	DSC	316313	-	3	-	-	1	4	2	1.5	30	70*#	100	40	-	-	-	-	25	10	125		
3	WIRELESS AND MOBILE NETWORK	WMN	DSC	316325	-	3	-	4	1	8	4	3	30	70	100	40	25	10	-	-	25	10	150		
4	CLIENT SIDE SCRIPTING	CSS	AEC	316005	-	2	-	4	-	6	3	-	-	-	-	-	25	10	25@	10	-	-	50		
5	MOBILE APPLICATION DEVELOPMENT	MAD	DSC	316006	-	2	-	4	2	8	4	-	-	-	-	-	25	10	25#	10	25	10	75		
6	CAPSTONE PROJECT	CPE	INP	316004	-	-	-	2	2	4	2	-	-	-	-	-	50	20	50#	20	50	20	150		
Elective 2 (Any - One)																									
7	DIGITAL FORENSIC AND HACKING TECHNIQUES	DFH	DSE	316315	-	3	-	2	1	6	3	3	30	70	100	40	25	10	25#	10	25	10	175		
	MACHINE LEARNING	MAL	DSE	316316	-	3	-	2	1	6	3	3	30	70	100	40	25	10	25#	10	25	10	175		
	DATA WAREHOUSING WITH MINING TECHNIQUES	DWM	DSE	316321	-	3	-	2	1	6	3	3	30	70	100	40	25	10	25#	10	25	10	175		
Total					1	16		16	8		20		120	280	400		150		125		175		850		

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						CL	TL	LL								Practical							
													FA-TH	SA-TH	Total		FA-PR		SA-PR		SLA		
															Max	Max	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) , AbilityEnhancement Course (AEC) , Skill Enhancement Course (SEC) , GenericElective (GE)																							