

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 Science																					
Programme Code		: CM / CO / CW / SE																					
Duration Of Programme		: 6 Semester																					
Semester		: Fifth																					
		NCRf Entry Level : 4.0																					
		Scheme																					
		: K																					
		: 12 Weeks (Industry) + 10 Weeks (Institute)																					
		: K																					
Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme				Credits	Paper Duration (hrs.)	Theory				Based on LL & TL				Based on Self Learning		Total Marks	
						Actual Contact Hrs./Week		Self Learning (Activity/ Assignment /Micro Project)	Notional Learning Hrs /Week			FA-TH	SA-TH	Total	FA-PR	SA-PR	SLA	Max	Min				
						CL	TL													LL			
																					Max		Min
(All Compulsory)																							
1	OPERATING SYSTEM	OSY	DSC	315319	-	5	-	2	2	9	3	3	30	70	100	40	25	10	25@	10	25	10	175
2	SOFTWARE ENGINEERING	STE	DSC	315323	-	4	-	4	1	9	3	3	30	70	100	40	25	10	25@	10	25	10	175
3	ENTREPRENEURSHIP DEVELOPMENT AND STARTUPS	ENDS	AEC	315002	-	1	-	2	-	3	1	-	-	-	-	-	50	20	25@	10	-	-	75
4	SEMINAR AND PROJECT INITIATION COURSE	SPI	AEC	315003	-	-	-	1	2	3	1	-	-	-	-	-	25	10	25@	10	25	10	75
5	INTERNSHIP(12 WEEKS)	ITR	INP	315004	-	-	-	-	-	36 - 40	10	-	-	-	-	-	100	40	100#	40	-	-	200
Elective 1 (Any - One)																							
6	ADVANCE COMPUTER NETWORK	ACN	DSE	315321	-	4	-	2	-	6	2	3	30	70	100	40	25	10	25#	10	-	-	150
	CLOUD COMPUTING	CLC	DSE	315325	-	4	-	2	-	6	2	3	30	70	100	40	25	10	25#	10	-	-	150
	DATA ANALYTICS	DAN	DSE	315326	-	4	-	2	-	6	2	3	30	70	100	40	25	10	25#	10	-	-	150
	Total						14		11	5		20		90	210	300		250		225		75	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.* 10 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. Note: Notional learning hours for internship represents the student engagement hours.																							
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)																							