

Maharashtra State Board Of Technical Education, Mumbai																											
Learning and Assessment Scheme for Post S.S.C Diploma Courses																											
Programme Name						: Diploma In Artificial Intelligence / Artificial Intelligence and Machine Learning / Data Sciences																					
Programme Code						: AI / AN / DS						With Effect From Academic Year				2023-24											
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
(All Compulsory)																											
1	DATABASE MANAGEMENT SYSTEM	DMS	DSC	313302	-	3	1	4	2	10	5	3	30	70	100	40	50	20	25#	10	25	10	200				
2	DIGITAL TECHNIQUES	DTE	DSC	313303	-	3	-	2	1	6	3	3	30	70	100	40	25	10	25#	10	25	10	175				
3	DATA STRUCTURE USING PYTHON	DSP	DSC	313306	-	3	-	4	1	8	4	3	30	70	100	40	25	10	25@	10	25	10	175				
4	STATISTICAL MODELLING FOR MACHINE LEARNING	SML	DSC	313307	-	3	1	4	2	10	5	3	30	70	100	40	25	10	50@	20	25	10	200				
5	ESSENCE OF INDIAN CONSTITUTION	EIC	VEC	313002	-	1	-	-	1	2	1	-	-	-	-	-	-	-	-	-	50	20	50				
6	DATA STORY TELLING AND VISUALIZATION	DST	DSC	313004	-	2	-	2	-	4	2	-	-	-	-	25	10	25@	10	-	-	50					
Total						15	2	16	7		20		120	280	400		150		150		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)																											