

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																												
Programme Code		: AI / AN										With Effect From Academic Year					2023-24													
Duration Of Programme		: 6 Semester										Duration					: 12 Weeks (Industry) + 10 Weeks (Institute)													
Semester		: Fifth										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												Total Marks						
						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										
						CL	TL	LL								Practical														
													FA-TH	SA-TH	Total		FA-PR		SA-PR		SLA									
															Max	Max	Max	Min	Max	Min	Max		Min		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	AI & ML ALGORITHM	AMA	DSE	315330	-	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 DATABASE MANAGEMENT	ADM	DSE	315324	-	4	-	2	-	6	2	3	30	70	100	40	25	10	25#	10	-	-	150							
	CLOUD COMPUTING FOR DATA SCIENCE	CCD	DSE	315327	-	4	-	2	-	6	2	3	30	70	100	40	25	10	25#	10	-	-	150							
	NATURAL LANGUAGE PROCESSING	NLP	DSE	315329	1	4	-	2	-	6	2	3	30	70	100	40	25	10	25#	10	-	-	150							
Total					1	14		11	5		20		90	210	300		250		225		75		850							

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													FA-TH	SA-TH	Total		FA-PR		SA-PR			SLA	
																	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.* 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)																							