

Maharashtra State Board Of Technical Education, Mumbai

Learning and Assessment Scheme for Post S.S.C Diploma Courses

Maharashtra State Board Of Technical Education, Mumbai																										
Learning and Assessment Scheme for Post S.S.C Diploma Courses																										
Programme Name		: Diploma In Artificial Intelligence and Machine Learning																								
Programme Code		: AN										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					FA-TH	SA-TH	Total	Practical		SLA								
																FA-PR	SA-PR	Max	Min	Max	Min		Max	Min		
(All Compulsory)																										
1	MANAGEMENT	MAN	AEC	315301	1	3	-	-	1	4	2	1.5	30	70*#	100	40	-	-	-	-	25	10	125			
2	BIG DATA ANALYTICS	BDA	DSC	316318	-	3	-	4	1	8	4	3	30	70	100	40	25	10	-	-	25	10	150			
3	PRINCIPLES OF IMAGE PROCESSING	PIP	DSC	316319	-	3	-	-	1	4	2	3	30	70	100	40	-	-	-	-	25	10	125			
4	MOBILE APPLICATION DEVELOPMENT	MAD	DSC	316006	-	2	-	4	2	8	4	-	-	-	-	25	10	25#	10	25	10	75				
5	NETWORK MANAGMENT AND ADMINISTRATION	NMA	AEC	316007	-	2	-	4	-	6	3	-	-	-	-	25	10	25@	10	-	-	50				
6	CAPSTONE PROJECT	CPE	INP	316004	-	-	-	2	2	4	2	-	-	-	-	50	20	50#	20	50	20	150				
Elective 2 (Any - One)																										
7	ADVANCED ALGORITHM IN AI & ML	AAM	DSE	316320	-	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			
	REINFORCEMENT LEARNING	RFL	DSE	316323	-	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			

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					FA-TH	SA-TH	Total	Practical				SLA		
																FA-PR	SA-PR	SLA				
Max	Max	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)