

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
<b>(All Compulsory)</b>																								
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		
<b>Elective 2 (Any - One)</b>																								
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	
<b>Total</b>					<b>1</b>	<b>16</b>		<b>16</b>	<b>8</b>		<b>20</b>		<b>120</b>	<b>280</b>	<b>400</b>		<b>150</b>		<b>125</b>		<b>175</b>		<b>850</b>	

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						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													
<p><b>Abbreviations :</b> CL- Classroom Learning , TL- Tutorial Learning, LL-Laboratory Learning, FA - Formative Assessment,SA -Summative Assessment, IKS - Indian Knowledge System, SLA - Self Learning Assessment</p> <p><b>Legends :</b> @ Internal Assessment, # External Assessment, *# On Line Examination , @\$ Internal Online Examination</p> <p><b>Note :</b></p> <ol style="list-style-type: none"> <li>1. FA-TH represents average of two class tests of 30 marks each conducted during the semester.</li> <li>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.</li> <li>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.</li> <li>4. Notional Learning hours for the semester are (CL+LL+TL+SL)hrs.* 15 Weeks</li> <li>5. 1 credit is equivalent to 30 Notional hrs.</li> <li>6. * Self learning hours shall not be reflected in the Time Table.</li> <li>7. * Self learning includes micro project / assignment / other activities.</li> </ol> <p><b>Course Category :</b> 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)</p>																						