



Maharashtra State Board Of Technical Education, Mumbai
Teaching and Examination Scheme for Post S.S.C. Diploma Courses

Program Name : Diploma in Artificial Intelligence and Machine Learning

Program Code : AN

Duration of Program : 6 Semesters

With Effect From Academic Year: 2021 – 22

Semester : Third

Duration : 16 Weeks

Pattern : Semester

Scheme : I

S. N.		Course Title	Course Abbre viation	Course Code	Teaching Scheme			Credit (L+T+P)	Examination Scheme												Grand Total	
					L	T	P		Theory						Practical							
									Exam Duration in Hrs.	ESE		PA		Total		ESE		PA		Total		
										Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks			
1		Database Management System	DMS	22319	4	2	2	8	3	70	28	30*	0	100	40	25#	10	25	10	50	20	150
2		Digital Techniques	DTE	22320	4	-	2	6	3	70	28	30*	0	100	40	25#	10	25	10	50	20	150
3		Data Structure using Python	DSP	22395	3	-	2	5	3	70	28	30*	0	100	40	25#	10	25	10	50	20	150
4		Data Story Telling and Visualization	DST	22396	3	-	2	5	3	70	28	30*	0	100	40	25@	10	25	10	50	20	150
5		Mathematics for Machine Learning - I	MML	22397	3	2	2	7	3	70	28	30*	0	100	40	25@	10	25	10	50	20	150
Total				17	4	10	31	--	350	--	150	--	500	--	125	--	125	--	250	--	750	

Student Contact Hours Per Week: 31 Hrs.

Medium of Instruction: English

Theory and practical periods of 60 minutes each.

Total Marks : 750

Abbreviations: ESE- End Semester Exam, PA- Progressive Assessment, L - Lectures, T - Tutorial, P - Practical
 @ Internal Assessment, # External Assessment, *# On Line Examination, ^ Computer Based Assessment

* Under the theory PA, Out of 30 marks, 10 marks are for micro-project assessment to facilitate integration of COs and the remaining 20 marks is the average of 2 tests to be taken during the semester for the assessment of the cognitive domain LOs required for the attainment of the COs.

~ For the courses having ONLY Practical Examination, the PA marks Practical Part - with 60% weightage and Micro-Project Part with 40% weightage

➤ **If Candidate not securing minimum marks for passing in the “PA” part of practical of any course of any semester then the candidate shall be declared as “Detained” for that semester.**

