



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

Duration : 16 Weeks

Semester : Third

Pattern : Semester

Scheme : I

S. N.	Course Title	Course Abbreviation	Course Code	Teaching Scheme			Credit (L+T+P)	Examination Scheme												Grand Total	
				L	T	P		Theory						Practical							
								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	Max 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.**

