



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

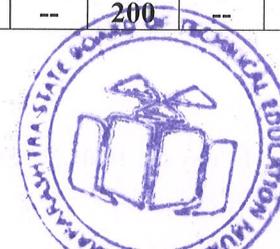
Semester : Sixth

Duration : 16 Weeks

Pattern : Semester - Full Time

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							
								Exam Duration in Hrs.	ESE		PA		Total		ESE		PA		Total		
									Max Marks	Min Marks											
1	Management	MAN	22509	3	--	--	3	90 Min	70* #	28	30*	0	100	40	--	--	--	--	--	--	100
2	Mobile Application Development	MAD	22617	3	--	4	7	3	70	28	30*	0	100	40	25#	10	25	10	50	20	150
3	Advanced Algorithms in AI-ML	AAM	22683	3	--	2	5	3	70	28	30*	0	100	40	25@	10	25	10	50	20	150
4	Big Data Analytics	BDA	22684	3	--	2	5	3	70	28	30*	0	100	40	25@	10	25	10	50	20	150
Elective (Any One)																					
5	Network and Information Security	NIS	22620	3	--	2	5	3	70	28	30*	0	100	40	25@	10	25	10	50	20	150
	Data Warehousing with Mining Techniques	DWM	22621																		
6	Entrepreneurship Development	EDE	22032	2	--	2	4	--	--	--	--	--	--	--	50@	20	50~	20	100	40	100
7	Capstone Project- Execution & Report Writing	CPE	22060	--	--	4	4	--	--	--	--	--	--	--	50#	20	50~	20	100	40	100
Total				17	--	16	33	--	350	--	150	--	500	--	200	--	200	--	400	--	900



Student Contact Hours Per Week: **33 Hrs.**

Medium of Instruction: **English**

Theory and practical periods of 60 minutes each.

Total Marks : 900

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.**

