



# 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**

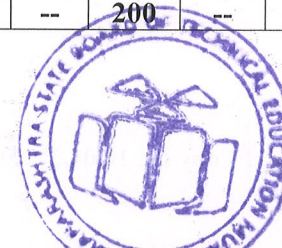
**Semester : Sixth**

**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	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	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.**

**Theory and practical periods of 60 minutes each.**

Medium of Instruction: **English**

**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.**

