

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

Semester : Fourth

Pattern : Semester

With Effect From Academic Year: 2021 – 22

Duration : 16 Weeks

Scheme : I

S. N.	Course Title	Course Abbre viation	Course Code	Teaching Scheme		Credit (L+T+P)	Examination Scheme														Grand Total
							Theory						Practical								
				L	T		P	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		
1	Java Programming	JPR	22412	3	-	4	7	3	70	28	30*	00	100	40	50#	20	20	100	40	200	
2	Software Engineering	SEN	22413	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	150	
3	Data Communication and Computer Network	DCC	22414	4	-	2	6	3	70	28	30*	00	100	40	25@	10	25	10	50	150	
4	Microprocessor	MIC	22415	4	-	2	6	3	70	28	30*	00	100	40	25@	10	25	10	50	150	
5	Mathematics for Machine Learning - II	MML	22480	3	1	2	6	3	70	28	30*	00	100	40	25@	10	25	10	50	150	
Total				17	1	12	30	--	350	--	150	--	500	--	150	--	150	300	--	800	

Student Contact Hours Per Week: 30 Hrs.

Medium of Instruction: English

Theory and practical periods of 60 minutes each.

Total Marks : 800

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.**

➤ **In-Plant Training during Summer vacation for minimum Six Weeks at the end of Fourth Semester (Second Year).**

