SVKM's NMIMS
School Name: MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING
Teaching Scheme for Academic Year: 2023-24 (Batch 2021-2025) (Campus: Shirpur)

Name of the Programme : B Tech Artificial Intelligence and Machine Learning																							Year of the Programme: Third Year			Semester : VI									

Sr. No.	Module / Subject Code	Name of the Module	Area / Discipline	Theory Hours per week	Practicals Hours per week	Tutorials Hours per week	Total no. of hours for the subject in a term	Credit/s	Term End Examination (Duration Hrs)	Only ICA	Mode of Exam (Written/OffLine/On line/Computer based/Practical/Viva /Jury/ Presentation)	Test I	Test II	Term work *	Total Marks	Scaled to (Marks)	Marks (Question Paper)	Scaled to (Marks)	Scaled Marks (ICA+ TEE)	Weight age %	Template Codes	Category	GR applicable (Yes / No)	Remark	Academic council date and page number
1	702AI0C019	Intelligent Systems - II	Artificial Intelligence	2	2	0	60	3	3	-	Written	10	10	30	50	50	100	50	100	100	7031	COMP	Yes		
2	702DB0C029	Big Data Analytics	Data Science	2	2	0	60	3	3	-	Written+ Computer Based	10	10	30	50	50	100	50	100	100	7031	COMP	Yes		
3	702IT0C016	Software Engineering	Information Science/Technology	2	2	0	60	3	3	-	Written	10	10	30	50	50	100	50	100	100	7031	COMP	Yes		
4	702BS0C063	Interpersonal Skills	BSH-English	0	2	0	30	1	---	---	---	-	-	50	50	50	--	--	50	100	7032	COMP	No	Only ICA	AC dated 13.10.2023 pg 493
5		[1]Department Elective - III	-	2	2	0	60	3	3	-	Written/ Practical	X	X	X	X	X	100	50	100	100	7031	ELEC	Yes		
6		[1]Department Elective - IV	-	2	2	0	60	3	3	-	Written/ Practical	X	X	X	X	X	100	50	100	100	7031	ELEC	Yes		
7		[2]Open Elective - III	-	X	X	X	X	3	3	-	Written	10	10	30	50	50	100	50	100	100	7031	INTD	Yes		
8		[3]Open Elective - IV	-	X	X	X	X	3	3	-	Written	10	10	30	50	50	100	50	100	100	7031	INTD	Yes		
		Total		10	12	0	420- 450	22	21			50	50	200	300	300	700	350	750						

* Term work = Viva / Presentations / Journals / Assignments / Quizes / MCQs / Business plans / Role plans etc.
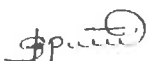
[1]Course to be selected from the common basket of Department Electives. Scheme will be as per the course requirement.
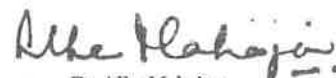
[2]Course to be selected from a common open elective basket of interdisciplinary technical courses offered by different departments. Scheme will be as per the course requirement.

[3]Course to be selected from a common open elective basket of interdisciplinary courses offered by different departments. Scheme will be as per the course requirement.

Interpersonal Skills - This 1 credit practical course requires rigorous formative and summative Internal assessment continuously, to ensure the students have acquired specific interpersonal skills, thereby eliminating the need for term end assessment.

Anupama Rajput
Prepared / Verified by

Prof. Suraj Patil
Programme Head

Dr. Alka Mahajan
Dean, MPSTME

Date: 21.10.2023

Program:- B Tech Artificial Intelligence and Machine Learning Semester - V, VI and VII

Sr. No.	Module / Subject Code	Name of the Module	Area / Discipline	Theory Hours per week	Practicals Hours per week	Tutorials Hours per week	Total no. of hours for the subject in a term	Credit/s	Term End Examination	Only ICA	Mode of Exam Written / OffLine/On line/Computer based / Practical/Viva /Jury/ Presentation	Test I	Test II	Term work *	Total Marks	Scaled to (Marks)	Marks (Question Paper)	Scaled to (Marks)	Scaled Marks (ICA+ TEE)	Weight age %	Template Codes	Category	GR applicable (Yes /No)	Remark	Academic council date and page number
1	702AI0E004	Cyber Security	Artificial Intelligence	2	2	0	60	3	3	-	Practical	10	10	30	50	50	100	50	100	100	7031	ELEC	Yes		
2	702AI0E005	Web Programming	Artificial Intelligence	2	2	0	60	3	3	-	Practical	10	10	30	50	50	100	50	100	100	7031	ELEC	Yes		
3	702CO0E009	Biometrics	Computer Engineering	2	2	0	60	3	3	-	Written	10	10	30	50	50	100	50	100	100	7031	ELEC	Yes		
4	702AI0E011	Robotics: Computational Motion Planning	Artificial Intelligence	2	2	0	60	3	3	-	Written	10	10	30	50	50	100	50	100	100	7031	ELEC	Yes		
5	702AI0E002	Mobile Application Development	Artificial Intelligence	2	2	0	60	3	-	-	-	10	10	80	100	100	-	-	100	100	7032	ELEC	No	ICA only	
6	702IT0E016	Blockchain Technology	Information Science/Technology	2	2	0	60	3	3	-	Written	10	10	30	50	50	100	50	100	100	7031	ELEC	Yes		
7	702MH0E015	Robotic Process Automation	Mechatronics	2	2	0	60	3	3	-	Written+Computer based	10	10	30	50	50	100	50	100	100	7031	ELEC	Yes		AC dated 13.10.2023 pg 496
8	702AI0E012	IOT for Smart Cities	Artificial Intelligence	2	2	0	60	3	3	-	Written	10	10	30	50	50	100	50	100	100	7031	ELEC	Yes		
9	702DB0C012	Data Wrangling	Data Science	1	4	0	75	3	3	---	Written	10	10	30	50	50	100	50	100	100	7031	ELEC	Yes		
10	702IT0C026	Cloud Computing	Information Science/Technology	2	2	0	60	3	3	-	Written	10	10	30	50	50	100	50	100	100	7031	ELEC	Yes		
11	702AI0E007	Cryptography and Network Security	Artificial Intelligence	2	2	0	60	3	3	-	Written	10	10	30	50	50	100	50	100	100	7031	ELEC	Yes		
12	702AI0E001	Compiler Design	Artificial Intelligence	2	2	0	60	3	3	-	Written	10	10	30	50	50	100	50	100	100	7031	ELEC	Yes		
13	702IT0E026	Advanced Database Management Systems	Information Science/Technology	2	2	0	60	3	3	-	Written	10	10	30	50	50	100	50	100	100	7031	ELEC	Yes		
14	702IT0E008	Management Information Systems	Information Science/Technology	2	2	0	60	3	3	-	Written	10	10	30	50	50	100	50	100	100	7031	ELEC	Yes		

Mobile Application Development - Course focusses on application development principles and concepts using Android and IOS Operating systems. The evaluation is based on full-fledged Android/IOS application as a part of mini project.

Anupama Rajput
Prepared / Verified by

Prof. Suraj Patil
Programme Head

Dr. Alka Mahajan
Dean, MPSTME

Date: 21.10.2023