SVKM's NMIMS

School Name: Mukesh Patel School of Technology Management & Engineering

Teaching Scheme for Academic Year 2020-21

(As Approved in the Academic Council)

Sr. No.	Module / Subject Code	Name of the Module	Theory Hours (Per Week)	Practicals Hours (Per Week)	Tutorials Hours (Per Week)	Total no. of hours for the subject (In Term)	Credit /s	Term End Examination	Only ICA	Written / OffLine/Online/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)	Weightage %	Template Codes	GR applicable (Yes / No)	Remark
								Duration of Examination (Hrs)		Mode of Exam	Distribution of ICA Marks					TEE		Total				
1	MTAI01001	An introduction to Artificial Intelligence and AI framework	4	0	0	60	4	3		Written	10	10	30	50	50	100	50	100	100	7031	Yes	
2	MTAI01002	Statistical Learning	4	0	0	60	4	3		Written	10	10	30	50	50	100	50	100	100	7031	Yes	
3	MTAI01003	Computer Vision	4	0	0	60	4	3		Written	10	10	30	50	50	100	50	100	100	7031	Yes	
4	MTAI01004	Machine Learning	4	0	0	60	4	3		Written	10	10	30	50	50	100	50	100	100	7031	Yes	
5	MTAI01007	Research Project - I	0	4	0	60	2	-	Only ICA	Viva & Presentation	-	-	50	50	50	-	-	50	100	7032	No	AC 14/02/2020 and pg. no. 400
	Total		16	4	0	300	18	12			40	40	170	250	250	400	200	450				

Name of the Programme: M.Tech Artificial Intelligence — **Year of the Programme: First Year** — **Semester: I**

*Term Work = Viva / Presentations/ Journals/ assignments/ quizes / MCQs/Business plans/Role plans etc.

Pls. Note :-Any approval/change should be highlighted in grey as per academic councils meeting, dated _____

HOD:_____
Prof. Sarada Samantaray

Dean : _____
Dr. Alka Mahajan

Date : 01-07-2020

SVKM's NMIMS
School Name: Mukesh Patel School of Technology Management & Engineering
Teaching Scheme for Academic Year 2020-21

Name of the Programme: M. Tech. Artificial Intelligence							Year of the Programme: First Year			Semester: II												
								Duration of Examiniation (Hrs)		Mode of Exam	Examination Scheme (Weightage)												
											Distribution of ICA Marks					TEE		Total				
Sr. No.	Module / Subject Code	Name of the Module	Theory Hours (Per Week)	Practicals Hours (Per Week)	Tutorials Hours (Per Week)	Total no. of hours for the subject (In Term)	Credit/s	Term End Examinition	Only ICA	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)	Weightage %	Template Codes	GR applicable (Yes / No)	Remark
1	MTAI02001	Natural Language Processing	4	0	0	60	4	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
2	MTAI02002	Robotics and Automation	4	0	0	60	4	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
3	MTAI02003	Advanced Statistical Learning	4	0	0	60	4	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
4	MTAI02004	Deep Learning	4	0	0	60	4	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
5	MTAI02005	Speech Recognition	4	0	0	60	4	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
6	MTAI02008	Research Project - II	0	4	0	60	2	-	Only ICA	Viva & Presentation	-	-	50	50	50	-	-	50	100	7032	No	AC 14/02/2020 and pg. no. 401
	Total		20	4	0	360	22	15			50	50	200	300	300	500	250	550	600			

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Date : 01-07-2020

SVKM's NMIMS
School Name: Mukesh Patel School of Technology Management & Engineering
Teaching Scheme for Academic Year 2020-21
(As Approved in the Academic Council)

| Name of the Programme : M.Tech - Artificial Intelligence | | | | | | | | | | | | | | | | | | | | | Year of the Programme: Second Year | | | Semester : III | | | | | | |

Sr. No.	Module / Subject Code	Name of the Module	Theory Hours (Per Week)	Practicals Hours (Per Week)	Tutorials Hours (Per Week)	Total no. of hours for the subject (In Term)	Credit/s	Duration of Examiniation (Hrs) Term End Examination	Mode of Exam Only ICA	Mode of Exam Written / OffLine/Online/Computer based / Practical/Viva/Jury/Presentation	Distribution of ICA Marks Test I	Distribution of ICA Marks Test II	Distribution of ICA Marks Term work	Distribution of ICA Marks Total Marks	Distribution of ICA Marks Scaled to (Marks)	TEE Marks (Question Paper)	TEE Scaled to (Marks)	Total Scaled Marks (ICA + TEE)	Total Weightage %	Template Codes	GR applicable (Yes / No)	Remark
1	MTAI03001	Capstone Project	4	4	0	120	6		Only ICA	-	10	10	30	50	50	-	-	50	100	7032	No	
2		**Electives (any three)**																				
	MTAI03002	Big Data Technology	3	0	0	45	3	2		Written	10	10	30	50	50	100	50	100	100	7031	Yes	
	MTAI03003	Advanced Computer Vision	3	0	0	45	3	2		Written	10	10	30	50	50	100	50	100	100	7031	Yes	
	MTAI03004	Advanced Data Mining for AI	3	0	0	45	3	2		Written	10	10	30	50	50	100	50	100	100	7031	Yes	
	MTAI03005	Financial Analytics using time series and LSTM	3	0	0	45	3	2		Written	10	10	30	50	50	100	50	100	100	7031	Yes	
	MTAI03006	Probabilistic Robotics	3	0	0	45	3	2		Written	10	10	30	50	50	100	50	100	100	7031	Yes	
	MTAI03007	Optimization	3	0	0	45	3	2		Written	10	10	30	50	50	100	50	100	100	7031	Yes	
	MTAI03008	MOOC - Statistical Learning (Stanford University)	3	0	0	45	3	2		Written	10	10	30	50	50	100	50	100	100	7031	No	NUE
	Total		13	4	0	255	15	6			40	40	120	200	200	300	150	350				

*Term Work = Viva / Presentations/ Journals/ assignments/ quizes / MCQs/Business plans/Role plans etc.

NUE = Non University Examination (Examination conducted at school level)

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HOD:_____
Prof. Sarada Samantaray

Dean : _____
Dr. Alka Mahajan

Date : 01-07-2020

SVKM's NMIMS

School Name: Mukesh Patel School of Technology Management & Engineering

Teaching Scheme for Academic Year 2020-21

Sr. No.	Module / Subject Code	Name of the Module	Theory Hours (Per Week)	Practicals Hours (Per Week)	Tutorials Hours (Per Week)	Total no. of hours for the subject (In Term)	Credit/s	Duration of Examiniation (Hrs) Term End Examinition	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)	Weigh tage %	Templ ate Codes	GR applic able (Yes / No)	Remark
											Distribution of ICA Marks					**TEE**		**Total**				
1	MTAI04001	Internship / Project	0	30	0	450	15		Only ICA	-	0	0	0	200	200	-	-	200	100	7032	No	
	Total		**0**	**30**	**0**	**450**	**15**				**0**	**0**	**0**	**200**	**200**			**200**				

Name of the Programme : M.Tech - Artificial Intelligence Year of the Programme: Second Year Semester : IV

***Term Work = Viva / Presentations/ Journals/ assignments/ quizes / MCQs/Business plans/Role plans etc.**

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HOD:_____

Prof. Sarada Samantaray

Dean : _____

Dr. Alka Mahajan

Date : 01-07-2020