

SVKM's NMIMS Deemed-to-be University  
Mukesh Patel School of Technology Management and Engineering

Course Structure for M Tech Artificial Intelligence Programme (Batch 2023-25)					
Year of the Programme: First Year (Academic Year 2023-24)					
Semester - I			Semester - II		
S. No.	Course	Credits	S. No.	Course	Credits
1	An introduction to Artificial Intelligence and AI framework	2	1	Computer Vision	4
2	Statistical Learning	4	2	Robotics and Automation	3
3	Financial Markets and Risk Analytics	3	3	Advanced Statistical Learning	4
4	Business Visualization	2	4	Deep Learning	4
5	Machine Learning	4	5	Convex Optimization	3
6	Research Project - I	2	6	Quantitative Insights into Supply Chain and Operations	3
7	Mathematics for AI	1	7	Computational Analytics for Marketing	3
8	Python Programming for Analytics	1	8	Research Project - II	2
9	Data Management	1			
	<b>Total</b>	<b>20</b>		<b>Total</b>	<b>26</b>
Year of the Programme: Second Year (Academic Year 2024-25)					
Semester - III			Semester - IV		
S. No.	Course	Credits	S. No.	Course	Credits
1	Natural Language Processing	3	1	Internship / Project	12
2	Big Data Technology	4			
3	Speech Recognition	3			
4	<b>Elective (Any two)</b>				
	Financial Analytics using time series and LSTM (Elective)	3			
	Advanced Computer Vision (Elective)	3			
	Stochastic Image Processing (Elective)	3			
	Markov Chains for Business Applications (Elective)	3			
	Cloud Computing (Elective)	3			
	Reinforcement Learning (Elective)	3			
5	<b>Capstone Project</b>	4			
	<b>Total</b>	<b>20</b>		<b>Total</b>	<b>12</b>

**Total Credits for the Programme**

**78**