M. Tech. Artificial Intelligence and Machine Learning
(Knowledge Partner – LTIMindtree)
CURRICULUM – 2025-26

CREDIT STRUCTURE

Category	Credits
University Core	39
Professional Core	24
Professional Elective	14
Open Elective	03
Non-Credit Courses	04
Total Credits	80

University Core Courses - 39						
S. No.	Course Code	Course Title	L	T	P	C
1	MAENG501	Technical Report Writing	1	0	4	3
2	MASTS501	Competitive Coding I	3	0	0	3
3	MASTS502	Competitive Coding II	3	0	0	3
4	MASET697	Project Work	0	0	0	10
5	MACSE698	Internship I/ Dissertation I	0	0	0	10
6	MACSE699	Internship II/ Dissertation II	0	0	0	10
Non-Credit Courses - 04						
S. No.	Course Code	Course Title	L	T	P	C
1	MAMAT500	Applied Statistics	3	1	0	4
Professional Core Courses - 24						
S. No.	Course Code	Course Title	L	T	P	C
1	MACSE501	Data Structures and Algorithm Analysis	3	0	2	4
2	MACSE502	Programming for Data Science	3	0	2	4
3	MACSE503	Data Engineering	3	0	2	4
4	MACSE504	Machine Learning	3	0	2	4
5	MACSE505	Deep Learning and Gen AI	3	0	2	4
6	MACSE506	Distributed Data Processing	3	0	2	4
Professional Elective Courses - 14						
S. No.	Course Code	Course Title	L	T	P	C
1	MACSE601	Application Architecture and Deployment	3	0	2	4
2	MACSE602	Security Essentials in Applied AI	3	0	2	4
3	MACSE603	Visual Analytics Lab	0	0	4	2
4	MACSE604	Edge Intelligence	3	0	2	4
5	MACSE605	Large Language Models	3	1	0	4
6	MACSE606	Computer Vision	3	1	0	4
7	MACSE607	Natural Language Processing	3	1	0	4
Open Elective Courses - 03						
Engineering | Sciences | Humanities | Social Sciences | Liberal Arts | Economics | Finance | Management						