

MSc AI & ML Curriculum
School of Computer Science Engineering and
Information Systems (SCORE)

Programme Credit Structure

S.No	Category	credit
1	University Core Courses	37
2	Professional Core Courses	28
3	Professional Elective Courses	12
4	Open Elective Courses	3
Total Credits		80

University Core Courses

37

Course Code	Course Title	Version	L	T	P	C
PAENG501	Technical Report Writing		1	0	4	3.0
PASTS501	Competitive Coding I		3	0	0	3.0
PASTS502	Competitive Coding II		3	0	0	3.0
PASET697	Project Work		0	0	0	8.0
PAAML698	Internship I/ Dissertation I		0	0	20	10.0
PAAML699	Internship II/ Dissertation II		0	0	20	10.0

Professional Core Courses

28

		Version	L	T	P	C
PAAML501	Data Structures and Algorithms	1.0	3	0	2	4
PAAML502	Machine Learning	1.0	3	0	2	4
PAAML503	Python Programming	1.0	3	0	2	4
PAAML504	Foundations of Data Science	1.0	3	0	2	4
PAAML505	Gen AI & LLM	1.0	3	1	0	4
PAAML506	Deep Learning	1.0	3	0	2	4
PAMAT502	Probability & Statistics	1.0	3	1	0	4

Professional Elective Courses

12

PAAML601	Trustworthy AI	1.0	3	1	0	4
PAAML602	Agentic AI	1.0	3	0	2	4
PAAML603	AI in CyberSecurity	1.0	3	0	2	4
PAAML604	MLOPS and Cloud	1.0	3	1	0	4
PAAML605	Deep Reinforcement Learning	1.0	3	0	2	4
PAAML606	Big data Analytics	1.0	3	1	0	4
PAAML607	Scalable Machine Learning	1.0	3	0	2	4
PAAML608	System Design	1.0	3	1	0	4

Open Elective Courses

03