



Program Structure

**Master of Science (Artificial
Intelligence)**

Duration: 02 Years

Batch: 2026-28

School of Artificial Intelligence

NP
28/5/2026
Rish

**Proposed Outline of Course Curriculum and Credit Framework for PG Programmes
in-line with NEP 2020 & NCrF/NHEQF/FYUP etc with Multiple Entry and Multiple
Exit (MEME) options**

Semester-I

S.No	Type of Course	Subject	Course Code	L	T	P	E	Credits
1	CORE	Advanced Mathematics for AI-I	2026MATH621	3	1	0	0	4
2	CORE	Signal Theory for Artificial Intelligence	2026AINT621	3	0	0	0	3
3	CORE	Programming for Artificial Intelligence	2026PROG622	1	0	2	0	2
4	CORE	Machine Learning	2026AINT623	2	0	2	0	3
5	DSE	Object-Oriented Programming (OOPs)	2026PROG624	3	0	2	0	4
6	MDC	Biology for Engineers	2026BIOT625	3	0	0	0	3
7	SEC	Data Structures & Algorithms	2026COMP626	3	0	2	0	4
8	VAC	Source Code Management using GitHub	2026AINT627	1	0	2	0	2
Total				19	1	10	0	25

Semester-II

S.No	Type of Course	Subject	Course Code	L	T	P	E	Credits
1	AEC	Environment & Sustainability-I	2026BIOT671	2	0	0	0	2
2	CORE	Deep Learning	2026AINT671	2	0	2	0	3
3	CORE	Advanced Mathematics for AI-II	2026MATH672	3	1	0	0	4
4	CORE	Image Processing and Computer Vision	2026AINT673	2	0	2	0	3
5	CORE	Natural language Processing	2026AINT674	2	0	2	0	3
6	DSE	Quantum Computing	2026AINT675	3	0	2	0	4
7	MDC	Physics	2026PHYS676	3	0	2	0	4
8	VAC	AI Design & Innovation-I	2026AINT677	1	0	2	0	2
Total				18	1	12	0	25

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Semester-III								
S.No	Type of Course	Subject	Course Code	L	T	P	E	Credits
1	CORE	Generative AI	2026AINT721	2	0	2	0	3
2	DSE	DEPTT. ELECTIVE - 3 (Specialization)	2026AINT722	3	0	0	0	3
3	DSE	DEPTT. ELECTIVE - 4 (Specialization)	2026AINT723	3	0	0	0	3
4	CORE	Scientific writing	2026AINT724	2	0	0	0	2
5	CORE	AI Governance risk and compliance (GRC)	2026AINT725	0	0	4	0	2
6	SIP-III	Summer Internship-III	2026AINT799	0	0	0	6	2
7	VAC	Ethical & Responsible AI	2026AINT726	2	0	0	0	2
Total				12	0	2	6	17

Semester-IV								
S.No	Type of Course	Subject	Course Offered By	L	T	P	E	Credits
1	Dissertation	Research Project/ Dissertation	2026AINT771	0	0	0	36	12
2	DSE	Scientific Presentation & Communication Skill	2026AINT772	2	0	0	0	2
3	Core	AI Design & Innovation	2026AINT773	2	0	0	0	2
4	SEC	Competitive Coding	2026AINT774	2	0	0	0	2
Total				2	0	0	36	18

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