

B.Sc. Artificial Intelligence & Machine Learning
Batch 2025 - 26

Semester	Course Type	Course Title	Credits
I	DSC	C Programming	3
I	DSC	C Programming Practical	1
I	DSC	Relational Database Management System	3
I	DSC	Relational Database Management System Practical	1
I	DSC	Matrix Theory and Calculus	3
I	SEC	Digital Engineering	3
II	DSC	Data Structures	3
II	DSC	Data Structures Practical	1
II	DSC	Probability and Statistics	3
II	DSC	Probability and Statistics Practical	1
II	DSC	Operating System and Networks	3
II	DSC - CC	Introduction to Data Analytics	2
II	MDC	Multidisciplinary Course	3
II	SEC	Web Development Workflow	3
III	DSC	Oops with Java	3
III	DSC	Oops with java Practical	1
III	DSC	Calculus & Linear Algebra	3
III	DSC	Calculus & Linear Algebra Practical	1
III	DSC	Artificial Intelligence & Machine Learning Fundamentals	3
III	SEC	NPTEL	3
III	MDC	Multidisciplinary Course	3
III	VAC	Value-Added Course (VAC)	2
IV	DSC	Python Programming	3
IV	DSC	Python Programming Practical	1
IV	DSC	Statistics inference	3
IV	DSC	Statistics inference Practical	1
IV	DSC	Cloud Computing Techniques	3
IV	DSC-CC	Domain Specific certificate	2
IV	DSC-MP	Minor Project-I	2
IV	SEC	Skill Enhancement Course	3
IV	MDC	Multidisciplinary Course	3
IV	VAC	Value-Added Course (VAC)	2
V	DSC	Machine Learning Techniques	4
V	DSC	Machine Learning Techniques Practical	2
V	DSC	DevOps and MLOps	4
V	DSC	DevOps and MLOps Practical	2
V	DSC	Research Methodology	4

Semester	Course Type	Course Title	Credits
V	DSC	Optimization Techniques	4
V	DSC MP	Minor Project-II	2
V	DSI	Internship	2
VI	DSC	Natural Language Processing	4
VI	DSC	Natural Language Processing Practical	2
VI	DSC	IoT and Edge Analytics	4
VI	DSC	IoT and Edge Analytics Practical	2
VI	DSC	Gen AI and Prompt Engineering	4
VI	DSC CC	Domain Specific certificate	2
VI	DSP	Project	4