

**Programme: M.Sc Computer Science - Specialization
In Artificial Intelligence**

List of subjects offered under NEP

Academic Year 2024-2025

SEMESTER I		
1	Advanced Data Structures and Algorithms	4 Credits
2	Advanced Database Management Systems	4 Credits
3	Python Programming	4 Credits
4	Advanced Java Programming	4 Credits
5	Research Methodology	4 Credits
6	Inferential Statistics	2 Credits
Total Credits Semester I		22 Credits

SEMESTER II		
1	Machine Learning	4 Credits
2	Artificial Neural Network	4 Credits
3	Digital Signal and Image Processing	4 Credits
4	Numerical Methods and Optimization Techniques	4 Credits
5	Internship	4 Credits
6	Software Engineering Concepts and Methodologies	2 Credits
Total Credits Semester II		22 Credits