

Programme Title: Master of Computer Applications
2025-2026 BATCH

Sem.	Course Type	Course Title	Credits
I	DSC	Java and Web Programming	4
I	DSC	Mathematical Foundations for Computer Science	4
I	DSC	Advanced Database Management System	4
I	DSC	Data Structures and Algorithmic Techniques	4
I	DSC	Java and Web Programming Practical	2
I	DSC	Advanced Database Management System Practical	2
I	DSC	Data Structures and Algorithms Practical	2
I	SEC	Python Programming	4

Semester: II

Sem.	Course Type	Course Title	Credits
II	DSC	Artificial Intelligence and Machine Learning	4
II	DSC	Agile Software Engineering and DevOps	4
II	DSC	Operating System	4
II	DSC	Machine Learning Practical	2
II	DSC	Operating System Practical	2
II	DSE	Entrepreneurship Development	4
II	DSE	Robotic Process Automation	4
II	DSE	Augmented and Virtual Reality	4
II	DSE	Network and Information Security	4
II	DSP	Agile Software Development Project	2
II	SEC	Soft Skills	4

Semester: III

Sem.	Course Type	Course Title	Credits
III	DSC	Cloud Computing	4
III	DSC	Big Data Analytics	4
III	DSC	Mobile Application Development	4
III	DSC	Mobile Application Development Practical	2
III	DSC	Cloud Computing Practical	2
III	DSE	Design Thinking	4
III	DSE	Deep Learning	4
III	DSE	Immersive Computing and XR	4
III	DSE	Cyber Security	4
III	DSP	Data Analytics Project	2
III	MDC	Generic Elective	3
III	SEC	Research Methodology	2

Semester: IV

Sem.	Course Type	Course Title	Credits
IV	DSP	Major Project	8
IV	DSE	Quantum Computing	4
IV	DSE	Software Testing and Quality Assurance	4
IV	DSE	Soft Computing	4
IV	DSE	AI Enabled Cloud and Edge Computing	4
IV	DSE	Project Management Practices	4
IV	DSE	Internet of Things	4
IV	DSE	Blockchain Technology	4
IV	DSE	Gen AI and Prompt Engineering	4
IV	SEC	Research Proposal Writing and Literature Review	2