

**MCA**  
**(Two-year programme 2024 -2026)**

**Course Structure**

**Semester-I**

Sl. No	Course Basket	Subject Name	Credits
1	Core	Network and Protocols for IoT	3
2	Core	Programming in C	6
3	Core	Data Analysis and Visualization using Python	4
4	Core	Relational and Distributed Databases	4
5	Core	Customer Experience Design and Programming	4
6	Core	Job Readiness	6
		Total	27

**Semester-II**

Sl. No	Course Basket	Subject Name	Credits
1	Core	Machine Learning using Python	4
2	Core	Cloud Practitioner (AWS)	2
3	Core	Cloud Fundamentals (Azure)	2
4	Core	Java Programming	6
5	Core	Data Structures with Competitive Coding	6
6	Skill	Software Engineering and Testing	3
		Total	23

**Semester-III**

Sl. No	Course Basket	Subject Name	Credits
1	Core	Design and Analysis of Algorithms	6
2	Core	Machine Learning for Predictive Analytics	4
3	Core	Deep Learning for Image Analytics	4
4	Core	Data Analytics using Tableau	4
		Total	18

**Semester-IV**

<b>Sl. No</b>	<b>Course Basket</b>	<b>Subject Name</b>	<b>Credits</b>
1	Core	Project	6
2	Core	Android Development with Kotlin	6
		Total	12