Curriculum of 2 years MCA degree program is divided into following domains to provide comprehensive understanding and exposure that leads to holistic development of the students.

Core Computer Engineering
- Operating Systems and Computer Architecture
- Database Management Systems
- Data Structures and Algorithms
- Computer Networks

Advanced Technologies
- Artificial Intelligence and Applications
- Machine Learning and Application Development
- Data Visualization and Analysis
- Cloud Computing and Security

Humanities and Management
- Communication Skills
- Professional Ethics for IT
- Management Information Systems
- Entrepreneurship Management
- Design Thinking and Innovation

Mini Projects (In-House project development)
- Exposure on application development on industry, societal and real life related problems
- Exposure to solve research oriented problems

Rich set of Electives (based on industry requirements and recent trends)
- DevOps and Cloud Computing
- Project Management
- Introduction to Cyber Security
- Block Chain
- Digital Transformation

Major Project (Dedicated complete semester of 6 months)
- Industry internship (exposure to work on live project in industry)
- In-house project (exposure to work on selected and approved problem statement)

Programming based on Industry Requirements
- Object Oriented Paradigm
- Design and Development of Software Applications
- Core Java and Advanced Java
- Python Programing
- Web Technologies (Node JS, Angular, Bootstrap, Scripting languages, .NET, etc.)
- Mobile application development (Android/IOS)
- Micro Services Architecture
- Game Development