

Curriculum

Master of Computer Science and Engineering

| Semester | Subjects | Credits |
|----------|---|---------|
| 1 | Linear Algebra & Advanced Probability | 3 |
| | Cloud Computing and Big Data Analytics | 4 |
| | Advances in Computer Networks | 4 |
| | Computational Algorithms | 3 |
| | Data Science | 3 |
| | Research Methodology and IPR | 3 |
| | Full Stack Development Laboratory | 2 |
| 2 | Block Chain Technology | 3 |
| | Deep Learning | 4 |
| | Professional Elective 1 | 3 |
| | Professional Elective 2 | 3 |
| | Mini Project with Seminar | 3 |
| | Data Analytics using Tableau Laboratory | 2 |
| 3 | Large Language Models | 4 |
| | Professional Elective 3 | 3 |
| | Professional Elective 4 | 3 |
| | Project Work Phase I | 3 |
| | Societal Project | 3 |
| | Internship | 6 |
| 4 | Project Work Phase -2 | 18 |

Electives

- Pattern Recognition
- Wireless Networks and Mobile Computing
- Agile Technology
- Human Computer Interaction
- Edge and Fog Computing
- Augmented and Virtual Reality
- Generative AI
- Robotic Process and Automation
- Computer Vision
- Cyber Security and Digital Forensics
- Multicore Architecture and Programming
- Quantum Computing