Master of Technology in Computer Science

➢ **Two year post graduate course.**
➢ **Consists of 4 semesters**
➢ **All B.Tech. graduates and equivalent degree holders are eligible**
➢ **Admission through PG-CET and GATE**

Course Curriculum

CORE SUBJECTS

❖ Computer Architecture and Organization
❖ Computer networks
❖ Operating Systems
❖ Data base management systems
❖ Web technologies
❖ Network security
❖ Software Engineering
❖ Compiler design
❖ Data Structures and Algorithms
❖ Data warehousing and Mining

PRACTICALS

❖ Data Structures with Java
❖ Operating systems and computer networks lab
❖ DBMS Lab
❖ Web technologies lab

ELECTIVES

❖ Object Oriented Modeling
❖ Human Computer Interaction
❖ Artificial Intelligence
❖ Embedded Systems
❖ Wireless Networks and Mobile Computing
❖ Distributed Computing
❖ Image Processing and Pattern Recognition
❖ Information Retrieval Systems
❖ Distributed Databases
❖ Software Architecture and Design Patterns
❖ Software Quality Assurance and Testing
❖ Ethical Hacking
❖ Web Services
❖ Speech Processing

MANDATORY

❖ Soft Skills - I
❖ Soft Skills – II
❖ Project Work