

Master of Technology in Bio Informatics

- 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

CORE SUBJECTS

- ❖ Methods in Bioinformatics-I
- ❖ Molecular modeling and Molecular Mechanics
- ❖ Proteomics and genomics
- ❖ Statistical and Machine learning Methods in Biology
- ❖ Data Mining and Information retrieval
- ❖ Target discovery and computational approach to drug design
- ❖ Systems Biology
- ❖ High performance computing

Bridge course subjects

- ❖ Programming and Data structures
- ❖ Fundamental course in Biology
- ❖ Web technologies and Scripting Languages
- ❖ Software engineering

MANDATORY

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

PRACTICALS

- ❖ Bioinformatics Lab-I
- ❖ Programming and data structures lab
- ❖ Modeling Lab
- ❖ Proteomics and genomics Lab
- ❖ Statistical and machine learning methods in biology
- ❖ Web technologies and scripting language
- ❖ Drug design
- ❖ High performance computing lab