

## **Master of Science (Information Technology)**

### ○ **First Semester:**

- Algorithmic and Application Programming
- Fundamentals of Information Technology
- Data Communication and Computer Networks
- Operating Systems
- Data Base Management Systems

#### **Practical Laboratory**

1. C programming and Data Structure
2. Data Base Management Systems and Operating Systems

### ○ **Second Semester:**

- Computer Graphics and Multi Media Technologies
- Management Information System
- Object Oriented Technology
- Software Engineering

#### **Practical Laboratory**

- Object Oriented Programming using Java
- Web Authoring Tools

### ○ **Third Semester:**

- Advanced Internet Application Development
- Visual Basic Programming
- E-Commerce Technologies
- Data Warehousing
- Simulations and Modeling

#### **Practical Laboratory**

- Visual Basic
- Client Server Computing

- **Fourth Semester:**
  - Geological Information System and Image Processing
  - Artificial Intelligence and Expert Systems
  - Bio Informatics
  - Management Principles

**Practical Laboratory**

- Project Work

**Eligibility:** B.Sc. (Bio/Maths) Min Percentage: Gen. : 50% OBC, SC/ST : 45%