

# SHRI RAM COLLEGE, MUZAFFARNAGAR

## Master in Science (M. Sc.) in Computer Science

Duration: 2 Years Course - Affiliated to C.C.S University, Meerut

### Syllabus

#### I Semester

- Foundation Courses in Computers - I
- Programming in C and Data Structures
- Discrete Mathematical Structures
- Computer Oriented Statistical Techniques
- Computer Lab-I

#### II Semester

- Foundation Courses in Computers - II
- Design and Analysis of Algorithms
- File Structure and Database Management System
- Computer Oriented Numerical Analysis
- Computer Lab-II

#### III Semester

- Interactive Computer Graphics
- Computer Networks and Internet
- Computer Oriented Optimization Methods
- Computer Oriented Systems
- Computer Lab-III

#### IV Semester

- Fuzzy Sets and Applications
- Cryptology and Secure System
- Artificial Intelligence and Neural Networks
- Java Programming
- Project