

*Course Structure for
Master of Science (M.Sc.)
in Computer Science Program
(A Four Semester Course)*

OFFERED BY

*Department of Computer Science
Faculty of Science
Banaras Hindu University*

Semester I

- Design Methods and Analysis of Algorithms
- Data Communication and Computer Networks
- Theory of Computation
- Lab Exercises based on Design Methods and Analysis of Algorithms
- Lab Exercises based on Data Communication and Computer Networks using JAVA
- Technical Writing and Research Seminar

Semester II

- Compiler Design
- Computer Graphics
- Software Engineering
- Lab Exercises based on Compiler Design
- Lab Exercises based on Computer Graphics
- Introduction to Bio-Informatics

Semester III

- Parallel Computing
- Soft Computing Techniques
- Simulation and Modeling
- Lab Exercises based on Parallel Computing
- Mini Project
- Human Computer Interaction

Semester IV

- Dissertation
- Comprehensive Viva