

Computational Mathematics

Semester I
Algebra
Real & Complex Analysis
Ordinary & Partial Differential Equations
Probability, Statistics & Queuing
Language & Data Structures
Lab on C Language & Data Structures
Matlab & Latex

Semester II
Measure Theory
Topology & Functional Analysis
Computational Mathematics-I
Number Theory
Design & Analysis of Algorithms
Lab on Design & Analysis of Algorithms
Lab on Computational Mathematics

Semester III
Graph Theory & Combinations
Finite Automata & Formal Languages
Database Management Systems
Operating System
System Software
Lab on DBMS/System Software
Lab on OS
Technical Seminar

Semester IV
Software Engineering
Object Oriented Analysis & Design
Computer Networks
Computational Mathematics II
Elective
Project(Dissertation+Viva)