

MScCS

Program: Master of Science in Computer Science

Awarding Body: Sikkim Manipal University

Recognition: UGC, Ministry of HRD, Govt. of India

Duration: 2 years / 4 semesters

Eligibility: 10+2+3

Intake: February / August

Program Structure:

Semester I

Computer Programming 'C language'
Digital Systems, Computer Organization & Architecture
Discrete Mathematics
Basic Web Development (internet, HTML, Style Sheets
& Basics of Multimedia)
Financial Management & Accounting

Semester II

OOPS using C++
Database Management Systems (DBMS and Oracle 9)
Data Structures using C
System Analysis and Design (SAD)
Operating Systems with Unix

Semester III

Software Engineering
Computer Graphics
System Programming
Statistical & Numerical Methods Using C++
Compute Network

Semester IV

Management Information Systems
Advanced Database Systems
Java Programming
Computer Based Optimization Methods (Statistics /
Applied OR)
Analysis & Design of Algorithms