

Master of Science in Computer Science

Admissions from Sikkim Manipal University are currently on hold

First Year

Semester 1

- Computer Programming "C Language"
- Digital Systems, Computer Organization & Architecture.
- Discrete Mathematics.
- Basic Web Development.
(Internet, HTML, Stylesheets & Basic of Multimedia)
- Financial Management & Accounting.

Semester 2

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

Second Year

Semester 3

- Software Engineering.
- Computer Graphics.
- Systems Programming.
- Statistical & Numerical Methods using C++.
- Computer Networks.

Semester 4

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

* Curriculum may change subject to University notification.

Documents Required to be submitted at the time of Admission :

3 Year Graduation

Provision for Lateral entry to Second Semester :

- 3 years Graduation and six months computer course from reputed institution.
- **Note:** In this Lateral entry Scheme, students have to appear and pass the previous Semester Examination. Books of second semester will be supplied by the University and Internal Assessment will be completed at the Learning centre

Provision for Direct entry to Third Semester :

- B.E. (CS/ IT) / B.Tech (CS/IT) OR
- 3 Year Graduation with
- 1 Year PG Diploma in IT/CA from a recognized university OR
- DOEACC 'A' Level OR
- 3 year Graduation with 2 year diploma from NIIT / APTECH

Eligibility :

Compulsory:

- Duly Filled Admission form with signature and date.
- Duly attested photocopy of Bachelors Degree Mark sheet.
- Duly attested photocopy of Leaving certificate or birth certificate for proof of age.
- 8 passport size photographs.

Optional (If required):

- Duly attested photocopy of any SC/ST/OBC caste certificate if required
- Duly attested photocopy of Medical certificate in case of physically challenged
- Duly attested photocopy of Domicile certificate if the student is from out of Maharashtra
- Photocopy of Photo ID proof (driving license or pan card or college ID)
- 3 year Graduation with 2 year diploma from NIIT / APTECH