

M.Sc. (Computer Science- CS)

Courses Structure

The entire Course is of Two years consisting of four semesters. For three semesters, there will be four theory courses and one Lab courses each. The last semester will have industrial training or Institutional Project. Semester-II and Semester –III have one departmental elective course respectively.

Each theory paper consist of 80 marks for University exam and 20 marks for internal assessment except for departmental theory course which are internally evaluated for 100 marks .The Lab course is divided into Project work and assignments.

The Industrial Project will be graded by external examiner. The grades are A+,A,B+,B,C+,C and D. D grade indicates failure.

Eligibility for M.Sc.(CS):

Bachelor of Computer Science with 50% marks

OR B.Sc.(Computer Science) with 50% marks

OR B.E. in Computer Science OR Information Technology OR Electronics Telecommunication with a 50% marks.

Semester I:

Code	Subject
CS – 101	Principles of Programming Language
CS – 102	Object Oriented Software Engineering
CS – 103	Distributed Database concepts
CS – 104	Design and Analysis of algorithm
CS – 105	Lab Courses(Departmental)

Semester II:

Code	Subject
CS – 201	Advanced Networking Concepts
CS – 202	UNIX Internals
CS – 203	Software architecture
CS – 204	XML . NET programming (Departmental)
CS – 205	Lab Course (University)

Semester III:

Code	Subject
CS – 301	Software Metric & Project Management
CS – 302	Mobile Computing
CS – 303	Information System Security
CS – 304	Elective (Departmental)
CS – 305	Lab Course (Departmental)

Semester IV :

Code	Subject
CS – 401	Industrial Training Project.