

M.Sc Computer Science

Admission criterion for M. Sc. part I by Papers

For admission to M.Sc. Computer Science the following conditions will apply:

- There will be 20 seats per batch. All the admission will be on merit (i.e. percentage of aggregate marks secured for the qualifying examination). Reservation criterion should be followed as prescribed by government at the time of admission.

- The student who have passed following Degree examination are eligible for admission to the M.Sc. (Computer Science) Degree Course.
B.Sc. Information Technology with 45 percent marks
OR
B.Sc. Computer Science with minimum 45 percent marks.
OR
BCS with minimum 45 percent marks
OR
BE in IT / Electronics / Telecomm / Computer Science with minimum 45 percent marks
OR
B.Sc. (Old Course) degree examination with the combination of following subjects:

■	Major		ANCILLIARY
	Mathematics		Mathematics
	OR		
	Physics		Mathematics
	OR		
	Statistics		Mathematics

■ Registration as Postgraduate Students

Every candidate admitted for M.Sc. CS will have to register as a postgraduate student of Mumbai University.

■ Fees

- M.Sc. IT Part I : Rs. 35,345/- per year
- M.Sc. IT Part II : Rs.35,770/- per year

SYLLABUS

First Year

No.	Subject
1	Principles of Compiler Design
2	Digital Signal Processing Part - I and Digital Signal

	Processing part - II
3	Mobile Computing and Computer Simulation and Modeling
4	Data Warehousing and Mining and Advance Database Systems

Second Year

No.	Subject
1	Artificial Intelligence and Image Processing
2	Distributed Computing and Embedded Systems
3	Elective I
	1 Parallel Processing and Advance Computer Networks
	2 System Security and Internet Security
	3 Enterprise Networking and Satellite Communications
	4 Fuzzy Logic and Neural Networks and Multimedia Systems and convergence of Technologies
4	Elective II
	1 Pattern Recognition and Computer Vision
	2 Virtual Reality and Virtual Environment and Java Technology
	3 Bio informatics and Intelligent Systems
	4 Optimization Techniques and Customer Relations Management
5	Project, I Term