

M.Sc Information Technology

Admission criterion for M. Sc. part I by Papers

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

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

- Students who have passed in the following B.Sc. Degree examination of Mumbai University or an recognized university are eligible.
B.Sc. Information Technology with minimum 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 and Telecomm with minimum 45 percent marks

- **Registration as Postgraduate student**
Every candidate admitted for M.Sc. IT 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 (Semester I)

No	Subject
1	Computer Simulation and Modeling
2	Mobile Computing
3	Digital Image Processing
4	Data Warehousing and Data Mining

First Year (Semester II)

No	Subject
1	Programming with Components
2	Advance Computer Networks
3	Speech Recognition
4	Advance Database Management Systems

Second Year (Semester – III)

No.	Subject
1	Embedded Systems
2	Information Security Management
3	Elective I
	1 Virtualization
	2 Artificial Neural Networks
4	Elective II (Select One)
	1 Digital Image Processing
	2 Ethical Hacking

Second Year (Semester – IV)

No.	Subject
1	Artificial Intelligence
2	IT Infrastructure Management
3	Elective I (Select One)
	1 Intelligent Systems
	2 Real Time Embedded Systems
	3 Computer Forensics
4	Elective II (Select One)
	1 Design of Embedded Control Systems
	2 Advanced Image Processing
	3 Cloud Management
5	Project Work