

M.Sc. Information Technology

M.Sc. Information Technology Course is a postgraduate course with a duration of 2 years (4 Semesters). It is started from the academic year 2001-2002. This course consists of latest subjects such as Advanced Java programming, Information Security, Mobile Computing, Ecommerce, Data warehousing and data mining.

Other features:

- Excellent infrastructure with well-equipped Laboratories, well lighted, airy and spacious lecture halls
- Good Library with digital library facility
- Separate Hostels for boys and girls
- Experienced faculty & good placement
- Management & Government scholarships

Placement Opportunity:

Students who finish M.Sc. Information Technology may be placed in the following positions in the Software companies.

- Application Programmer
- Database Administrator
- System Programmer
- Multimedia Content Designer
- Network Administrator
- Software Designer

Eligibility for Admission

Candidates with

B.Sc. degree in Computer Science or

B.Sc. Computer Science & Technology or

B.C.A. degree

of this University or any other degree accepted as equivalent thereto by the Syndicate of the University of Madras.

Subjects in M.Sc. IT							
SEMESTER - I							
Sl. No	Subject	Sub. Code	Ins.Hr	Credits	IA	EA	Total
1	C++ and Data Structures	PSB1A	5	4	25	75	100
2	Computer Architecture	PSB1B	5	4	25	75	100
3	Database Management Systems	PSB1C	5	4	25	75	100
4	Elective -I Visual Programming E-Commerce Programming in C	PSBEA PSBEB PSBEC	5	4	25	75	100
5	Practical – I: Data Structures Lab. Using C++	PSB11	4	2	40	60	100
6	Practical – II : RDBMS Lab.	PSB12	4	2	40	60	100
7	SoftSkill-1-Language and Communication skill	PSSEA	2	2	25	75	100
SEMESTER - II							
1	Operating Systems	PSB2D	5	4	25	75	100
2	Programming in Java	PSB2E	5	4	25	75	100
3	Elective – II Software Engineering Data Warehousing and Data Mining Software Testing	PSBED PSBEE PSBEG	5	3	25	75	100
4	Elective – III Internet Technology Multimedia Systems Windows Programming	PSBEH PSBEJ PSBEK	5	3	25	75	100
5	Practical – III: Java Programming Lab.	PSB23	4	2	40	60	100
6	Practical – IV: Lab. Based on Elective III	PSBE1	4	2	40	60	100
7	SoftSkill-2 - Spoken and Presentation Skills	PSSEB	2	2	25	75	100

8	Internship: During summer vacation 6 to 8 weeks				25	75	100
SEMESTER - III							
1	Computer Networks	PSB3G	5	4	25	75	100
2	Design and Analysis of Algorithms	PSB3H	4	4	25	75	100
3	Advanced Java Programming	PSB3J	4	4	25	75	100
4	Information Security	PSB3A	4	4	25	75	100
5	Elective – IV: Mobile Computing	PSBEL	5	4	25	75	100
	Elective – IV: Artificial Intelligence	PSBEM					
	Elective – IV: Computer Graphics	PSBEN					
6	Practical – V: Advanced Java Lab.	PSB34	4	2	40	60	100
7	SoftSkill-3 - Life and Managerial Skills	PSSEC	2	2	40	60	100
8	SoftSkill-4 - Contemporary Awareness	PSSSEN	2	2	40	60	100
9	Internship: During summer vacation 4 to 6 weeks of I Year	PSSEQ		2		100	100
SEMESTER - IV							
1	Project & Viva-Voce	PSB4Q	IV	20	-	20	60+ 20

Computer Laboratories:



