



**UNIVERSITY OF MADRAS  
INSTITUTE OF DISTANCE EDUCATION  
MSC (IT) INFORMATION TECHNOLOGY**

SEMESTER I	SUBJECTS	CREDIT	MAX MARKS		TOTAL
COURSE COMPONENT			INT	EXT	
Core Paper-I	C++ and Data Structures	4	20	80	100
Core Paper-II	Computer Architecture	4	20	80	100
Core Paper-III	Data Base Management Systems	4	20	80	100
Core Paper-IV	Practical – I: Data Structures Lab. Using C ++	2	40	60	100
Core Paper-V	Practical – II: RDBMS Lab.	2	40	60	100
Elective - I	Visual Programming	3	20	80	100

SEMESTER II	SUBJECTS	CREDIT	MAX MARKS		TOTAL
COURSE COMPONENT			INT	EXT	
Core Paper-VI	Operating Systems	4	20	80	100
Core Paper-VII	Programming in Java	4	20	80	100
Core Paper-VIII	Practical – III: Java Programming Lab	2	40	60	100
Elective -II	Data Warehousing and data Mining	3	20	80	100
Elective -III	Dot Net Programming	3	20	80	100
Elective -IV	Practical – IV: Dot Net Programming Lab.	2	40	60	100

SEMESTER III	SUBJECTS	CREDIT	MAX MARKS		TOTAL
COURSE COMPONENT			INT	EXT	
Core Paper-IX	Computer Networks	4	20	80	100
Core Paper-X	Design and Analysis of Algorithms	4	20	80	100
Core Paper-XI	Advanced Java Programming	4	20	80	100
Core Paper-XII	Information Security	4	20	80	100
Core Paper-XIII	Practical – V: Advanced Java Lab.	2	40	60	100
Core Paper -XIV	Practical – VI: Mini Project	2	40	60	100
Elective-V	Mobile Computing	3	20	80	100

SEMESTER IV	SUBJECTS	CREDIT	MAX MARKS		TOTAL
COURSE COMPONENT			INT	EXT	
Core Paper-XV	Project & Viva – voce	16	20	60+20	100



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**PH-9176464748**