



UNIVERSITY OF MADRAS
INSTITUTE OF DISTANCE EDUCATION
MSC Cyber Forensics & Information Security

SEMESTER - I	SUBJECTS	CREDIT	MAX MARKS		TOTAL
COURSE COMPONENT			INT	EXT	
Core Paper-I	Introduction to Cyber Criminology	4	20	80	100
Core Paper-II	Networking and Communication Protocols	4	20	80	100
Core Paper-III	Introduction to Information Security	4	20	80	100
Core Paper-IV	IT Infrastructure and Cloud Computing	4	20	80	100
Elective Paper-I	Forms of Cyber Crimes	3	20	80	100

SEMESTER -II	SUBJECTS	CREDIT	MAX MARKS		TOTAL
COURSE COMPONENT			INT	EXT	
Core Paper-V	Network Security and Cryptography	4	20	80	100
Core Paper-VI	Basics of Cyber Forensics	4	20	80	100
Core Paper-VII	IT and Telecom Frauds & Countermeasures	4	20	80	100
Core Paper-VIII	Practical- I – (Networking and Information Security)	4	40	60	100
Elective Paper-II	BFSI Frauds & Countermeasures	3	20	80	100

SEMESTER -III	SUBJECTS	CREDIT	MAX MARKS		TOTAL
COURSE COMPONENT			INT	EXT	
Core Paper- IX	Database Management Security	4	20	80	100
Core Paper- X	Advanced Cyber Forensics	4	20	80	100
Core Paper- XI	Advanced Information Security	4	20	80	100
Core Paper- XII	Practical – II (Cyber Forensics)	4	40	60	100
Elective Paper- III	Data Privacy	3	20	80	100

SEMESTER IV	SUBJECTS	CREDIT	MAX MARKS		TOTAL
COURSE COMPONENT			INT	EXT	
Core Paper- XIII	Application Security	4	20	80	100
Core Paper- XIV	Governance, Risk & Compliance	4	20	80	100
Core Paper- XV	Business Continuity & Disaster Recovery Management	4	20	80	100
Core Paper- XVI	Security Testing	4	20	80	100



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Elective Paper-IV	Cyber Laws & Intellectual Property Rights	3	20	80	100
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