Programme Core	Programme Elective	University Core	University Elective	Total Credits	
20	17	27	6	70	

Course Code	Course Title	Course Type	L	T	P	J	C
PROGRAMME CORE							
CIS5001	Cryptosystems	ETL	2	0	2	0	3
CSE5001	Algorithms: Design and Implementation	ETL	2	0	2	0	3
CSE5002	Operating Systems and Virtualization	ETL	2	0	2	0	3
CSE5003	Database Systems: Design and Implementation	ETLP	2	0	2	4	4
CSE5004	Computer Networks	ETL	2	0	2	0	3
CSE6002	Information Security Foundations	ETP	3	0	0	4	4

Course Code	Course Title	Course Type	L	T	P	J	C
PROGRAMME ELECTIVE							
CIS6001	Cyber Attacks Detection and Prevention Systems	ETLP	2	0	2	4	4
CIS6002	Malware Analysis	ETLP	2	0	2	4	4
CIS6003	Penetration Testing and Vulnerability Assessment	ETLP	2	0	2	4	4
CIS6004	Wireless and Mobile Network Security	ETP	2	0	0	4	3
CIS6005	Multimedia Security	ETP	2	0	0	4	3
CIS6006	Cloud Security and Analytics	ETP	2	0	0	4	3
CIS6007	Secure Software Systems	ETP	2	0	0	4	3
CIS6008	Digital Forensics	ETLP	2	0	2	4	4
CIS6009	Trusted Network Systems	ETP	2	0	0	4	3
CIS6010	Critical Infrastructure Protection	ETP	2	0	0	4	3
CIS6011	Risk Detection, Management and Mitigation	ETP	2	0	0	4	3
CIS6012	Computer Security Audit and Assurance	ETP	2	0	0	4	3
CIS6013	Web Application Security	ETLP	2	0	2	4	4

Course Code	Course Title	Course Type	L	T	P	J	C
UNIVERSITY CORE							
CSE6099	Masters Thesis	PJT	0	0	0	0	16
MAT5002	Mathematics for Computer Engineering	TH	3	0	0	0	3
SET5001	Science, Engineering and Technology Project - I	PJT	0	0	0	0	2
SET5002	Science, Engineering and Technology Project - II	PJT	0	0	0	0	2
EFL5097	English and Foreign Language	CDB	0	0	0	0	2
ENG5001 - Fundamentals of Communication Skills - LO							
ENG5002 - Professional and Communication Skills - LO							
FRE5001 - Francais fonctionnel - TH							
GER5001 - Deutsch fuer Anfaenger - TH							
STS6777	Soft Skills M.Tech.	CDB	0	0	0	0	2
STS5001 - Essentials of Business Etiquettes - SS							
STS5001 - Essentials of Business Etiquette and Problem Solving - SS							

Course Code	Course Title	Course Type	L	T	P	J	C
STS5002 - Preparing for Industry - SS							
STS5102 - Programming and Problem Solving Skills - SS							

Course Code	Course Title	Course Type	L	T	P	J	C
BRIDGE COURSE							

Course Code	Course Title	Course Type	L	T	P	J	C
NON CREDIT COURSE							