

B.Tech (Computer Science and Engineering-Cyber Security Specialization)

SEMESTER: III

COURSE MODULE				TEACHING PERIODS			Contact Hours	WEIGHTAGE : EVALUATION			
COURSE			Credits	L	T	P		CIE	MSE	ESE	Total
Code	Title	Component									
TCS-308	Logic Design and Computer Organization	DSC	3	3	-	-	3	25	25	50	100
TCS-302	Data Structures with C	DSC	3	3	-	-	3	25	25	50	100
TCS-307	Object Oriented Programming with C++	DSC	3	3	-	-	3	25	25	50	100
	Discipline Specific Elective-I	DSE	3	3	-	-	3	25	25	50	100
TMA-316	Discrete Structures and Combinatorics	DSC	3	3	-	-	3	25	25	50	100
PCS-308	Logic Design and Computer Organization Lab	DSC	1	-	-	2	2	25	25	50	100
PCS-302	Data Structures Lab	DSC	1	-	-	2	2	25	25	50	100
PCS-307	OOPS with C++ Lab	DSC	1	-	-	2	2	25	25	50	100
XCS-301	Career Skills-I	SEC	1	1	-	-	1	25	25	50	100
XCS-310	Career Skills Lab-I	SEC	1	-	-	2	2	25	25	50	100
CSP-301	Mini Project	AEC	1	-	-	-	-	-	-	100	100
SCS-301	MOOCS Seminar	VAC	1	-	-	-	-	-	-	100	100
GP-301	General Proficiency	SEC	1	-	-	-	-	100	-	-	100
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DISCIPLINE SPECIFIC ELECTIVE-I

COURSE CODE	COURSE NAME
TCS-332	Fundamentals of Information Security and Block Chain
TCS-324	Information Security Foundations
TCS-351	Fundamental of Cloud Computing and Bigdata
TCS-392	Introduction to Cryptography
TCS-331	Fundamental of IoT
TCS-346	Python Programming
TCS-363	Introduction to Cyber Security (Through Swayam)

TCS-364	Information Security (Through SWAYAM)
TCS-361	Joy of Computing using Python (Through Swayam)