

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

SEMESTER: IV

COURSE MODULE			
COURSE			Credits
Code	Title	Component	
TCS-408	Programming in Java	DSC	3
TCS-402	Finite Automata and Formal Languages	DSC	3
TCS-403	Microprocessors	DSC	3
TCS-409	Design and Analysis of Algorithms	DSE	3
	Discipline Specific Elective-I	DSC	3
PCS-408	Java Programming Lab	DSC	1
PCS-403	Microprocessors Lab	DSC	1
PCS-409	DAA Lab	DSC	1
XCS-401	Career Skills	SEC	1
PESE 400	Practical for Employability Skill Enhancement	SEC	1
SCS-401	MOOCS Seminar	VAC	1
GP-401	General Proficiency	SEC	1
	Indian Constitution (Non Graded)	MNG	2

DISCIPLINE SPECIFIC ELECTIVE-I

COURSE CODE	COURSE NAME
TCS-495	Foundation of Cyber Security
TCS-493	Introduction to Cryptography and PKC
TCS-426	Information Security Risk Management
TCS-451	Virtualization and Cloud Computing
TCS-471	Statistical Data Analysis with R
TCS-421	Fundamentals of Statistics and AI

