



DEPARTMENT OF COMPUTER SCIENCE AND SCIEMCE

Semester wise Subjects with Credits - B.Tech - Cyber Security - BATCH 1

SEM 1

Si No	Catogory	Course Code	Course Title	L	T	P	C
1	PE	246MA1A11KTE	Engineering Mathematics	2	1	0	3
2	PE	246PH1A01KTD	Engineering Physics	2	2	0	4
3	PC	244CS1A13KTA	Frontend Web Development Basics	2	0	6	5
4	PC	244CS1A13KTB	Problem Solving using Programming - 1	1	0	6	4
5	OE	246EN1A12KTA	English LSRW	2	0	2	4
6	OE	249MD1A38KTC	Constitution of India	2	0	0	0
TOTAL CREDITS							20

SEM 2

Sl. No	Catogory	Course Code	Course Title	L	T	P	C
1	BS	244CS1A33KTA	Critical Thinking	2	2	0	4
2	BS	244CS1A33KTB	Basics of Engineering	4	0	0	4
3	PC	244CS1A34KTC	Problem Solving using Programming - 2	1	0	6	4
4	PC	244CS1A34KTD	Frontend Web Development Advanced	2	0	4	4
5	BS	246CY1A02KTD	Engineering Chemistry	4	0	0	4
TOTAL CREDITS							20

SEM 3

Sl. No	Catogory	Course Code	Course Title	L	T	P	C
1	BS	244CS1A33KTA	English for Professionals	4	0	0	4
2	BS	244CS1A33KTB	Mathematical Thinking	4	0	0	4
3	PC	244CS1A34KTC	UI and UX Design for Computer Science Engineering	3	0	2	4
4	PC	244CS1A34KTD	Operating Systems	2	0	4	4
5	BS	246CY1A02KTD	Environmental Sciences	4	0	0	4
TOTAL CREDITS							20

SEM 4

Sl. No	Category	Course Code	Course Title	L	T	P	C
1	PC	244CS1A44KTA	Data Structures and Algorithms - 1	2	0	4	4
2	PC	244CS1A44KTB	Object Oriented Programming	3	0	2	4
3	PC	244CS1A44KTC	Database Management Systems	3	0	2	4
4	PC	244CS1A44KTD	Cryptography and Network Security	3	0	2	4
5	PC	244CS1A44KTE	Cybersecurity Fundamentals, Exploits and Vulnerabilit	3	0	2	4
TOTAL CREDITS							20

SEM 5

Sl. No	Category	Course Code	Course Title	L	T	P	C
1	PE	244CS1A65KTA	Linux Administration	2	0	4	4
2	PC	244CS1A64KTA	Data Structures and Algorithms - 2	2	0	2	4
3	PE	244CS1A65KTB	Formal Language and Automata theory	2	0	4	4
4	PC	244CS1A64KTB	Malware Analysis, VAPT and Ethical Hacking	3	0	2	4
5	PC	244CS1A63KTA	Communication Skills	3	0	2	4
TOTAL CREDITS							20

SEM 6

Sl. No	Category	Course Code	Course Title	L	T	P	C
1	PC	244CS1A64KTA	Design and Analysis of Algorithms	3	0	2	4
2	PC	244CS1A64KTB	Computer Networks	3	0	2	4
3	PC	244CS1A64KTB	Compiler Design	3	0	2	3
4	PE	244CS1A65KTD	IT Acts and Cyber Laws	2	0	4	4
5	PE	244CS1A65KTE	Security in Public Clouds	2	0	2	3
6	PE	244CS1A65KTC	Systems Design	3	0	2	4
TOTAL CREDITS							22

SEM 7

Sl. No	Category	Course Code	Course Title	L	T	P	C
1	PC	244CS1A74KTA	Programming with Prompt Engineering	3	0	2	4
2	PC	244CS1A74KTB	Low-Code and No-Code Scripting	3	0	2	3
3	PE	244CS1A75KTA	Statistical Inference	3	0	2	4

4	PE	244CS1A75KTB	Exploratory Data Analysis	3	0	2	4
5	PC	244CS1A77KTA	Mini Project	0	0	6	6
TOTAL CREDITS							21

SEM 8

Sl. No	Catogory	Course Code	Course Title	L	T	P	C
1	PC	244CS1A84KTA	Software Testing	3	0	2	4
2	PC	244CS1A84KTB	Robotics and Automation	4	0	0	3
3	PC	244CS1A87KTA	Project	0	0	12	15
TOTAL CREDITS							22

Documents Prepared in "Board of Studies"held on 21/05/2024	Documents Approved in "Academic Council"held on Date:
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SEM1	
SEM2	
SEM3	
SEM4	
SEM5	
SEM6	
SEM7	
SEM8	
TOTAL CRDITS	