

Curriculum Details - CS (NETWORKS)

Semesters	Slots	Courses	Tutorial Hours	Lecture Hours	Practical Hours	Total Hours	Credits	
S1	A	MATHEMATICAL FOUNDATIONS OF COMPUTER SCIEN	0	4	0	4	4.00	
	B	ADVANCED DATABASE MANAGEMENT SYSTEM	0	4	0	4	4.00	
	C	COMPUTER NETWORKS	0	4	0	4	4.00	
	D	PARALLEL AND DISTRIBUTED COMPUTING	0	3	0	3	3.00	
	E		THEORY OF COMPUTATION	0	3	0	3	3.00
			VIRTUALIZATION TECHNIQUES	0	3	0	3	3.00
			MULTIMEDIA NETWORKING	0	3	0	3	3.00
			ADVANCED DATA MINING	0	3	0	3	3.00
	F	RESEARCH METHODOLOGY	1	1	0	2	2.00	
S	SEMINAR 1	0	0	0	0	2.00		
U	NETWORK PROGRAMMING LAB	0	0	2	2	1.00		
S2	A	MODERN OPERATING SYSTEMS	0	4	0	4	4.00	
	B	CRYPTOGRAPHY AND NETWORK SECURITY	0	3	0	3	3.00	
	C	WIRELESS AND MOBILE COMPUTING	0	3	0	3	3.00	
	D	INTERNET ROUTING DESIGN	0	3	0	3	3.00	

		BIG DATA ANALYSIS	0	3	0	3	3.00
		ETHICAL HACKING AND COMPUTER FORENSICS	0	3	0	3	3.00
		CYBER PHYSICAL SYSTEMS	0	3	0	3	3.00
	E	WIRELESS SENSOR NETWORKS	0	3	0	3	3.00
		HIGH PERFORMANCE EMBEDDED COMPUTING	0	3	0	3	3.00
	F	MINI PROJECT	0	0	4	4	2.00
	U	NETWORK SIMULATION LAB	0	0	2	2	1.00
S3	A	CLOUD COMPUTING	0	3	0	3	3.00
		SEMANTIC WEB	0	3	0	3	3.00
		SOFT COMPUTING	0	3	0	3	3.00
		WEB TECHNOLOGIES	0	3	0	3	3.00
	B	SOFTWARE DEFINED NETWORKING	0	3	0	3	3.00
		WEB SECURITY	0	3	0	3	3.00
		NETWORK FLOW ALGORITHMS	0	3	0	3	3.00
		INTERNET OF THINGS	0	3	0	3	3.00
		DIGITAL IMAGE PROCESSING	0	3	0	3	3.00
	F1	PROJECT (PHASE 1)	0	0	8	8	6.00
S	SEMINAR 2	0	0	2	2	2.00	
S4	F2	Project(Phase II)	0	0	21	21	12.00