

a	Course		Program Outcomes (POs)												PSOs					
	Name	Code	Cos	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	
1	Linear Algebra and Calculus	20MTC01	CO 1	3	2	2	-	-	-	-	1	1	-	1	1	2	2	-	-	
			CO 2	3	2	2	-	-	-	-	-	1	1	-	1	1	1	1	-	-
			CO 3	3	2	-	-	-	-	-	-	1	1	-	-	1	2	2	-	-
			CO 4	3	2	-	-	-	-	-	-	1	1	-	-	1	1	1	-	-
			CO 5	3	2	-	-	-	-	-	-	1	1	-	-	1	1	1	-	-
			CO 6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	Linear Algebra and Calculus Lab	20MTC02	CO 1	3	2	2	-	-	-	-	1	1	-	1	1	2	2	-	-	
			CO 2	3	2	2	-	-	-	-	-	1	1	-	1	1	1	1	-	-
			CO 3	3	2	-	-	-	-	-	-	1	1	-	-	1	2	2	-	-
			CO 4	3	2	-	-	-	-	-	-	1	1	-	-	1	1	1	-	-
			CO 5	3	2	-	-	-	-	-	-	1	1	-	-	1	1	1	-	-
			CO 6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	CAD AND DRAFTING	20MEC01	CO 1	3	3	2	1	2	2	-	1	2	3	1	3	2	2	1	-	
			CO 2	3	2	2	1	2	2	-	1	2	2	1	2	2	2	2	1	-
			CO 3	3	3	2	1	2	2	-	1	2	2	1	2	3	2	2	1	-
			CO 4	3	3	3	2	2	2	-	1	2	2	1	2	3	2	2	1	-
			CO 5	3	2	2	1	2	2	-	1	2	2	1	2	3	2	2	1	-
			CO 6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	Optics and Semiconductor Physics	20PYC01	CO 1	3	2				1		1									
			CO 2	3					1		1									
			CO 3		2					1										
			CO 4		3					2										
			CO 5							2										
			CO 6																	
1	Optics and Semiconductor Physics Lab	20PYC03	CO 1	2	2	2	3		1		2					2	1	1		
			CO 2	3		2			1	2		2							1	
			CO 3	1	2	2	2			1							1	1		
			CO 4	2	3	2	1	2	2								1		1	
			CO 5			2	2			2										
			CO 6																	
			CO 1	1	1	1	1	1	1	1	1	2	2	3	1	3	1	1	3	-

1	English	20EGC01	CO 2	-	1	-	1	-	1	1	-	1	2	1	2	1	1	2	-	
			CO 3	-	2	-	1	-	2	1	-	1	2	1	1	1	1	1	2	-
			CO 4	1	2	-	2	1	1	-	1	2	2	1	2	1	2	3	-	
			CO 5	1	1	-	1	1	1	1	1	1	2	1	2	2	1	2	-	
			CO 6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1	English Lab	20EGC02	CO 1	-	-	-	-	-	-	-	1	2	-	1	-	-	2			
			CO 2	-	-	-	-	-	-	-	-	1	2	-	1	-	-	2		
			CO 3	-	-	-	-	-	-	-	-	2	3	-	1	1	1	2		
			CO 4	-	-	-	-	-	-	-	-	2	3	-	2	1	1	3		
			CO 5	-	-	-	-	-	1	-	1	3	3	1	2	1	1	3		
			CO 6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1	Programming for Problem Solving	20CSC01	CO 1	2	1	2	-	-	-	-	-	1	1	2	2	2	-	-		
			CO 2	3	3	3	2	-	1	-	-	-	1	1	2	2	3	2	2	
			CO 3	2	2	2	1	1	-	-	-	-	1	-	2	2	2	2	1	
			CO 4	3	3	3	2	3	-	-	-	-	1	1	2	2	3	2	1	
			CO 5	3	2	2	1	2	-	-	-	-	1	-	2	3	3	2	1	
			CO 6	3	3	-	-	3	-	-	-	-	3	-	3	3	3	3	2	
1	Programming for Problem Solving Lab	20CSC02	CO 1	3	1	2	1	1	1	-	1	1	1	1	2	-	-	2		
			CO 2	3	2	3	2	2	1	-	1	2	1	1	2	2	3	3	2	
			CO 3	3	2	2	3	2	-	-	-	1	2	-	2	-	3	2	2	
			CO 4	3	2	3	2	2	-	-	-	1	1	2	3	2	3	2	1	
			CO 5	3	2	2	1	2	-	-	-	-	1	-	1	3	3	2	1	
			CO 6	3	3	-	-	3					3	1	3	3	3	3	2	
1	Differential Equations and Transform Theory	20MTC03	CO 1	2	2	2	-	-	-	-	1	1	-	-	1	1	1	-	-	
			CO 2	3	2	2	-	-	-	-	1	1	-	1	1	1	1	-	-	
			CO 3	3	2	-	-	-	-	-	1	1	-	1	1	1	1	-	-	
			CO 4	2	2	-	-	-	-	-	1	1	-	-	1	1	1	-	-	
			CO 5	3	2	-	-	-	-	-	1	1	-	-	1	1	1	-	-	
			CO 6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Chemistry	20CYC01	CO 1	3	2	2		-	2	2	-	-	-	-	2					
			CO 2	3	2	2		-	2	2	-	-	-	-	2					
			CO 3	3	2	3	-	-	2	2	-	-	-	-	2					
			CO 4	3	2	3		-	2	2	-		-	-	2					

			CO 5	3	2	2		-	2	2	-	-	-	-	2					
			CO 6																	
	Industry 4.0	20CSC05	CO 1	3	3	-	-	-	-	-	-	-	-	-	1	1	-	-		
			CO 2	3	3	-	-	-	-	-	-	-	-	-	-	1	1	-	-	
			CO 3	3	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-	
			CO 4	3	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-	
			CO 5	3	3	1	-	-	-	-	-	-	-	-	-	1	1	-	-	
			CO 6																	
	Object Oriented Programming	20CSC03	CO 1	2	1	1	1	-	-	-	-	-	-	1	2	2	1	1		
			CO 2	2	3	2	2	-	-	-	-	-	-	-	1	2	2	1	1	
			CO 3	2	1	2	-	-	-	-	-	-	-	-	-	2	2	1	1	
			CO 4	1	2	2	2	-	-	-	-	1	-	-	1	2	2	1	1	
			CO 5	2	2	1	1	-	-	-	-	-	-	-	1	2	2	1	1	
			CO 6	2	3	3	-	-	-	-	-	1	-	-	1	2	2	1	1	
	Differential Equations & Transform Theory Lab	20MTC04	CO 1	2	2	2	-	-	-	-	1	1	-	-	1	1	-	1	-	
			CO 2	3	2	2	-	-	-	-	1	1	-	1	1	1	-	1	-	
			CO 3	3	2	-	-	-	-	-	1	1	-	1	1	1	-	1	-	
			CO 4	2	2	-	-	-	-	-	1	1	-	-	1	1	-	1	-	
			CO 5	3	2	-	-	-	-	-	1	1	-	-	1	1	-	1	-	
			CO 6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Chemistry Lab	20CYC02	CO 1	3	2	2	-	-	2	2	-	-	-	-	2	-	-			
			CO 2	3	2	1	-	-	1	2	-	-	-	-	2	-	-			
			CO 3	3	2	3	-	-	2	2	-	-	-	-	2	-	-			
			CO 4	3	2	2	-	-	2	2	-	-	-	-	2	-	-			
			CO 5	3	2	3	-	-	2	2	-	-	-	-	2	-	-			
			CO 6																	
	Object Oriented Programming Lab	20CSC04	CO 1	2	2	-	-	-	-	-	-	-	-	-	1	1				
			CO 2	3	3	-	-	-	-	-	-	-	-	-	-	1	1			
			CO 3	3	3	-	-	-	-	-	-	-	-	-	-	1	1			
			CO 4	2	3	-	-	-	-	-	-	-	-	-	-	1	1			
			CO 5	2	3	1	-	-	-	-	-	-	-	-	-	1	1			
			CO 6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			CO 1	3	2	1	-	2	-	-	1	2	2	-	1	3	2	1		

Workshop / Manufacturing Practice	20MEC02	CO 2	2	2	1	-	1	-	-	1	2	2	-	1	2	2	1	-
		CO 3	2	2	2	-	2	-	-	1	2	2	-	1	3	2	1	-
		CO 4	2	1	2	1	2	-	-	1	2	1	-	1	2	2	1	-
		CO 5	2	1	2	1	2	-	-	1	2	1	-	1	2	1	1	-
		CO 6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Basic Electrical Engineering	20EEC01	CO 1	3	3	2	3	3	-	3	-	1	2	2	3	-	-	1	1
		CO 2	3	3	2	3	2	-	3	-	1	2	2	3	-	-	1	1
		CO 3	3	3	2	1	3	-	2	-	1	2	2	3	-	-	1	2
		CO 4	2	3	-	1	3	-	2	-	1	2	1	3	-	-	1	2
		CO 5	2	-	-	1	1	2	2	1	1	1	2	3	-	-	-	-
		CO 6	2	-	-	1	3	1	2	1	1	1	2	3	-	-	1	1
Basic Electronics	20ECC35	CO 1	3	3	2	1	1	1	1	1	1	1	1	2	-	-	-	1
		CO 2	2	2	2	2	1	1	1	1	1	1	1	2	-	1	-	1
		CO 3	2	2	1	2	1	1	1	1	1	1	1	2	-	1	-	-
		CO 4	2	3	2	3	1	2	1	1	1	1	1	2	1	1	1	-
		CO 5	3	2	2	2	2	2	1	1	1	1	1	2	1	1	-	1
Data Structures	20CSC08	CO 1	2	1	1	1	-	-	-	-	-	-	-	1	1	1	1	1
		CO 2	2	3	2	2	-	-	-	-	-	-	-	1	1	1	1	1
		CO 3	2	1	2	-	-	-	-	-	-	-	-	-	1	1	1	1
		CO 4	1	2	2	2	-	-	-	-	1	-	-	1	1	1	1	1
		CO 5	2	2	1	1	-	-	-	-	-	-	-	1	1	1	1	1
		CO 6	2	3	3	-	-	-	-	-	1	-	-	1	1	1	1	1
Discrete Mathematics	20CSC09	CO 1	3	2	-	-	-	-	-	-	-	-	-	-	2	1	1	-
		CO 2	3	2	-	-	-	-	-	-	-	-	-	-	1	1	1	-
		CO 3	3	2	-	-	-	-	-	-	-	-	-	-	2	1	1	-
		CO 4	3	2	-	-	-	-	-	-	-	-	-	-	2	1	1	-
		CO 5	2	1	-	-	-	-	-	-	-	-	-	-	2	1	1	-
		CO 6	3	2	-	-	-	-	-	-	-	-	-	1	2	2	1	-
Digital Logic Design	20CSC10	CO 1	2	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
		CO 2	2	1	-	-	-	-	-	-	-	-	-	1	-	-	1	1
		CO 3	2	2	-	1	1	-	-	-	-	1	-	1	1	1	1	1
		CO 4	3	3	3	2	2	-	1	1	1	1	1	2	1	1	1	2
		CO 5	2	2	2	2	2	2	1	1	1	1	1	2	1	1	2	2

			CO 6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	Indian Traditional Knowledge	20EGM02	CO 1	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	
			CO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			CO 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			CO 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
			CO 5	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-
	Basics of Electrical Engineering Lab	20EEC02	CO 1	2	2	1	1	-	-	1	1	2	1	-	1	-	-	1	1
			CO 2	2	1	1	1	-	-	1	1	2	1	-	1	-	-	1	1
			CO 3	3	3	2	1	-	-	1	-	2	1	-	1	-	-	1	1
			CO 4	3	1	2	1	-	-	1	-	2	1	-	1	-	-	1	1
			CO 5	3	3	2	3	-	-	1	-	2	1	-	1	-	-	1	1
			CO 6	3	3	2	2	-	-	1	-	2	1	-	1	-	-	1	1
	Basic Electronics Lab	20ECC36	CO 1	3	2	2	1	2	1	2	2	2	1	2	2	1	-	1	1
			CO 2	3	1	1	1	2	2	2	1	1	2	2	1	1	-	1	1
			CO 3	3	1	1	1	2	2	2	1	1	2	2	1	1	1	1	1
			CO 4	2	3	3	3	2	2	1	2	2	2	2	2	1	1	1	-
			CO 5	2	1	2	2	2	1	1	1	1	2	2	1	1	-	1	-
	Data Structures Lab	20CSC11	CO 1	2	1	1	1	-	-	-	-	-	-	-	1	1	-	-	
			CO 2	2	1	1	1	-	-	-	-	-	-	-	-	1	1	-	-
			CO 3	2	1	1	1	-	-	-	-	-	-	-	-	1	1	-	-
			CO 4	1	2	2	1	-	-	-	-	-	-	-	-	2	1	2	1
			CO 5	1	2	2	1	-	-	-	-	-	-	-	-	2	1	2	1
			CO 6	2	3	3	1	1	-	-	1	1	1	1	2	2	1	3	1
	Mathematical Foundation for Data Science & Security	20MTC13	CO 1	3	2	1	3	-	1	-	-	2	1	-	1	2	1	1	1
			CO 2	3	2	1	-	-	-	-	-	2	-	-	1	1	1	1	1
			CO 3	3	2	2	-	-	-	-	-	2	-	-	1	1	1	1	1
			CO 4	3	1	3	1	1	-	-	-	2	1	-	1	1	1	1	1
			CO 5	3	1	3	1	1	-	-	-	2	1	-	1	1	1	1	1
	Design and Analysis of Algorithms	20CSC12	CO 1	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
			CO 2	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
			CO 3	2	2	2	-	-	-	-	-	-	-	-	-	1	1	1	-
			CO 4	2	2	1	-	-	-	-	-	-	-	-	-	1	1	1	-
			CO 5	2	2	1	-	-	-	-	-	-	-	-	-	1	1	1	-

			CO 6	2	3	1	-	-	-	-	-	-	-	-	1	1	1	-	
	Computer Architecture and Microprocessor	20CSC13	CO 1	2	1	-	1	-	-	-	-	2	1	-	1	-		1	
			CO 2	2	1	1	2	3	-	-	-	3	1	2	-	2		1	1
			CO 3	1	2	-	1	-	-	-	-	-	2	-	1	-		1	1
			CO 4	-	2	2	1	-	-	-	-	3	1	-	1	-		1	1
			CO 5	-	3	2	1	1	-	-	-	-	1	-	1	-	1	2	3
			CO 6	-	1	1	1	1	2	2	-	3	1	-	3	2	1	2	3
	Data Base Management Systems	20CSC14	CO 1	3	1	-	-	-	1	-	-	-	-	2	-	-	2	2	
			CO 2	3	2	1	-	-	1	-	-	-	-	-	3	-	-	2	2
			CO 3	3	2	2	2	-	2	-	-	2	-	-	-	-	-	2	2
			CO 4	3	2	2	2	2	2	-	-	2	-	-	-	-	-	2	2
			CO 5	3	2	3	2	2	2	3	-	2	-	3	3	-	-	2	2
			CO 6	3	3	3	2	2	2	3	-	2	-	3	3	-	-	2	2
	Internet & Web Technologies	20CSC15	CO 1	2	1	1	1	-	-	-	-	1	-	-	-	-	-	-	
			CO 2	2	1	1	1	-	-	-	-	1	-	-	-	-	-	-	
			CO 3	2	2	2	2	3	-	-	-	1	-	-	-	-	-	2	2
			CO 4	2	2	2	2	3	-	-	-	1	3	1	3	-	-	-	-
			CO 5	2	2	2	2	3	3	-	-	1	-	1	3	-	-	2	2
			CO 6	2	2	2	2	3	3	-	3	3	3	3	3	-	-	3	3
	Engineering Economics & Accountancy	20MBC01	CO 1	1	1	3	1	1	1	1	1	1	-	-	-	-	1	1	
			CO 2	2	2	2	2	-	1	1	1	-	1	-	1	-	1	2	1
			CO 3	1	2	1	2	2	-	2	1	-	1	-	-	-	1	2	-
			CO 4	2	2	1	2	2	1	1	3	-	1	-	-	-	-	1	-
			CO 5	1	3	1	2	1	1	2	-	-	1	2	1	-	2	-	-
	Mathematical Foundation for Data Science & Security Lab	20MTC14	CO 1	3	2	1	3	-	1	-	-	2	1	-	1	2	-	2	2
			CO 2	3	2	1	-	-	-	-	-	2	-	-	1	-	-	2	2
			CO 3	3	2	2	-	-	-	-	-	2	-	-	1	-	-	2	2
			CO 4	3	1	3	1	1	-	-	-	2	1	-	1	-	-	2	2
			CO 5	3	1	3	1	1	-	-	-	2	1	-	1	-	-	2	2
	Design and Analysis of Algorithms Lab	20CSC16	CO 1	2	-	-	1	1	-	-	-	-	-	-	-	-	-	-	
			CO 2	2	2	1	2	1	-	-	-	-	-	-	-	-	-	-	
			CO 3	2	3	1	1	3	-	-	-	-	-	-	-	1	1	1	-
			CO 4	2	2	1	1	3	-	-	-	-	-	-	-	1	1	1	-

			CO 5	2	2	1	-	2	-	-	-	-	-	-	1	1	1	-	
	Data Base Management Systems Lab	20CSC17	CO 1	3	2	2	2	2	-	-	-	-	-	-	-	-	2	2	
			CO 2	3	2	2	2	2	-	-	-	3	-	2	-	-	-	2	2
			CO 3	3	1	2	-	-	-	-	-	2	-	2	-	-	-	2	2
			CO 4	3	-	2	-	-	-	-	-	-	-	-	-	-	-	2	2
			CO 5	3	2	2	-	-	-	-	-	-	-	-	-	-	-	2	2
			CO 6	3	2	2	-	-	-	-	-	-	-	-	-	-	-	2	2
	Internet & Web Technologies Lab	20CSC18	CO 1	-	-	-	1	3	-	-	-	1	-	-	2	-	-	-	
			CO 2	1	2	2	2	-	-	-	3	2	1	2	2	-	-	2	2
			CO 3	1	2	2	2	3	-	-	3	2	1	2	2	-	-	-	-
			CO 4	1	2	2	2	2	-	-	3	2	1	2	2	-	-	2	2
			CO 5	1	2	2	2	2	-	-	3	2	1	2	2	-	-	-	-
			CO 6	1	2	2	2	2	-	-	3	2	1	2	2	-	-	-	-
	Formal Language and Automata Theory	20CSC19	CO 1	2	3	-	1	-	-	-	-	-	-	2	1	1	-		
			CO 2	3	2	1	2	-	-	-	-	-	-	-	1	1	3	2	
			CO 3	3	2	1	1	-	-	-	-	-	-	-	1	1	1	-	
			CO 4	3	3	1	2	-	-	-	-	-	-	-	1	1	3	2	
			CO 5	3	2	1	2	2	-	-	-	-	-	-	2	1	3	2	
			CO 6	3	3	1	2	-	-	-	-	-	-	-	2	1	1	-	
	Operating Systems	20CSC20	CO 1	3	3	-	-	-	-	-	-	-	-	-	1	1	-	-	
			CO 2	3	3	-	-	-	-	-	-	-	-	-	-	1	1	-	-
			CO 3	3	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-
			CO 4	3	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-
			CO 5	3	3	1	-	-	-	-	-	-	-	-	-	1	1	-	-
			CO 6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Data Communication and Computer Networks	20CSC21	CO 1	1	2	2	1	1	1	-	-	-	-	1	1	2	1	1	
			CO 2	2	2	3	3	1	1	-	-	-	-	1	2	2	1	1	
			CO 3	2	2	3	3	2	2	-	-	-	-	1	3	2	1	1	
			CO 4	2	2	3	3	2	2	-	-	-	-	2	1	1	1	1	
			CO 5	1	2	2	1	1	1	-	-	-	-	2	2	1	1	1	
			CO 6	1	2	2	1	2	1	-	-	-	-	2	1	1	1	1	
			CO 1	3	2	2	2	2	2	3	3	3	2	3	2	2	2		
			CO 2	3	2	2	3	2	3	3	3	3	3	2	3	2	2		

Software Engineering	20CSC22	CO 3	3	3	3	3	3	3	2	3	3	3	3	3	2	3	2		
		CO 4	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	
		CO 5	3	2	3	3	3	3	2	3	3	3	3	3	2	2	2		
Image Processing and Computer Vision	20CSE01	CO 1	3	3	2	-	-	-	-	-	-	1	-	-	2	-	-		
		CO 2	3	3	2	3	-	-	-	2	2	2	1	2	2	3	-		
		CO 3	3	3	-	2	3	2	1	-	-	-	1	1	2	-	3		
		CO 4	3	2	-	2	3	-	-	2	2	-	1	2	2	3	3		
		CO 5	3	-	-	-	2	-	-	-	-	2	-	-	2	3	-		
		CO 6	3	2	3	2	2	2	-	3	3	2	2	2	2	3	3		
Free and Open Source Technologies	20CSE04	CO 1	3	2	2	2	3	2	1	2	-	-	2	2	2	-	-		
		CO 2	3	3	2	2	3	2	1	2	-	-	3	2	2	-	-		
		CO 3	3	2	3	3	3	2	2	1	-	-	2	2	2	-	-		
		CO 4	3	2	2	2	2	-	1	2	-	-	2	2	2	-	-		
		CO 5	3	2	3	2	3	1	1	2	-	1	2	3	2	-	-		
Fundamentals of Wireless Communication	20ECO10	CO 1	3	2	2	1	1	-	1	-	-	-	-	1	1	2	1		
		CO 2	2	1	1	2	1	-	1	-	-	-	-	1	2	2	1		
		CO 3	2	2	1	2	2	-	2	-	-	-	-	1	2	1	1		
		CO 4	2	1	1	1	1	1	1	-	-	2	-	2	1	1	1		
		CO 5	2	1	1	1	1	1	1	-	-	1	-	1	1	1	1		
Waste Management	20EE005	CO 1	1	1	1	-	-	1	2	1	-	-	-	1	1	-	-		
		CO 2	1	2	2	1	1	2	2	1	-	-	-	1	1	-	-		
		CO 3	2	2	2	2	1	2	2	2	-	-	-	1	1	-	-		
		CO 4	1	1	1	1	1	1	1	1	-	-	-	1	1	-	-		
		CO 5	1	2	2	2	1	2	2	2	-	-	-	1	1	-	-		
Organizational Behaviour	20MEO09	CO 1	3	1	2	1	1	1	-	1	1	1	1	1	-	-	1	1	
		CO 2	3	2	3	2	2	1	-	1	1	-	1	2	-	-	1	1	
		CO 3	3	2	2	3	2	-	-	-	2	-	-	2	-	-	1	1	
		CO 4	3	2	3	2	2	-	-	-	1	-	2	3	-	-	1	1	
		CO 5	3	2	2	1	2	-	-	-	1	-	-	1	-	-	1	1	
		CO 6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Quantum Computing	20MTO03	CO 1	2	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-	
		CO 2	2	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-	
		CO 3	2	2	1	-	-	-	-	-	-	-	-	-	1	1	-	-	

			CO 4	2	2	2	2	-	-	-	-	-	2	2	-	1	1	-	-	
			CO 5	2	2	2	2	-	-	-	-	-	2	2	-	1	1	-	-	
	Operating System Lab	20CSC23	CO 1	2	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-	
			CO 2	3	3	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-
			CO 3	3	3	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-
			CO 4	2	3	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-
			CO 5	2	3	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-
			CO 6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Data Communication and Computer Networks Lab	20CSC24	CO 1	1	-	1	-	3	-	-	-	-	-	-	-	-	2	-		
			CO 2	2	-	1	-	3	-	-	-	-	-	-	-	-	-	2	-	
			CO 3	2	-	-	2	-	-	-	-	-	-	-	-	-	2	2	-	
			CO 4	2	2	3	1	2	-	-	-	-	-	-	-	-	2	1	-	
			CO 5	1	2	-	1	1	-	-	-	-	-	-	-	-	2	1	-	
			CO 6	1	3	-	2	2	-	-	-	-	-	-	-	-	2	1	-	
	Case Studies using UML Lab	20CSC25	CO 1	3	3	2	2	2	2	3	3	3	3	2	3	2	3	3		
			CO 2	3	3	2	3	2	3	2	3	3	3	2	3	2	2	2	3	
			CO 3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	
			CO 4	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	
			CO 5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	Compiler Design	20CSC26	CO 1	3	2	-	1	-	-	-	-	-	-	-	3	1	-	1		
			CO 2	2	2	1	2	3	-	-	-	-	-	-	-	2	2	-		
			CO 3	2	2	1	1	-	-	-	-	-	-	-	-	1	1	2	-	
			CO 4	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	
			CO 5	3	2	1	1	3	-	-	-	-	-	-	-	2	2	2	1	
			CO 6	3	2	2	2	1	-	-	-	-	-	-	-	-	1	1	1	
	Artificial Intelligence	20CSC27	CO 1	2	2	1	2	-	-	-	-	-	-	-	-	-	-	-		
			CO 2	3	3	3	3	1	-	-	-	-	-	-	-	2	-	2	-	
			CO 3	3	3	3	3	1	-	-	-	-	-	-	-	2	1	2	-	
			CO 4	3	2	3	3	2	-	-	-	-	-	-	-	2	1	3	2	
			CO 5	3	3	3	3	3	-	-	-	-	-	-	-	3	1	3	3	
	Enterprise Application	20CSC28	CO 1	2	2	-	-	3	-	-	-	-	-	-	2	1	2	2		
			CO 2	2	1	1	2	3	-	-	-	-	-	-	-	2	-	-	2	
			CO 3	2	2	2	2	3	-	-	-	-	-	-	-	3	-	1	2	

Development	20CSE08	CO 4	2	1	1	2	2	-	-	-	-	-	-	1	-	1	2	
		CO 5	1	1	1	2	2	-	-	-	-	-	-	2	-	1	2	
		CO 6	2	3	2	2	3	-	-	-	-	2	-	3	-	-	3	
Machine Learning	20CSE09	CO 1	1	3	3	1	3	-	-	-	-	-	-	-	2	1	-	
		CO 2	3	3	3	1	3	-	-	-	-	-	-	-	3	2	-	
		CO 3	2	3	3	1	3	-	-	-	-	-	-	-	3	2	2	
		CO 4	3	3	3	1	3	-	-	-	-	-	-	-	3	3	3	
		CO 5	3	3	3	3	3	-	-	-	-	-	-	-	3	3	3	3
Natural Language Processing	20CSE11	CO 1	3	-	1	-	-	-	-	-	-	-	-	-	-	1	-	
		CO 2	3	2	2	2	1	-	-	-	-	-	-	-	-	1	2	
		CO 3	3	2	2	2	2	-	-	-	-	-	-	-	1	3	2	
		CO 4	3	2	2	2	1	-	-	-	-	-	-	-	-	2	1	
		CO 5	3	2	2	2	2	-	-	-	-	-	-	2	2	2	2	
		CO 6	3	2	2	2	2	-	-	-	-	-	-	1	3	2	2	
Technical Writing Skills	20EGO01	CO 1	-	-	-	-	-	3	-	-	3	3	3	3	-	-	-	
		CO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		CO 3	-	-	-	-	-	-	-	-	-	-	3	3	-	-	-	
		CO 4	-	-	-	-	-	-	-	3	3	-	-	-	-	-	3	
		CO 5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Disaster Risk Reduction and Management	20CE002	CO 1	2	1	1	2	2	2	2	1	2	2	2	1	1	1	1	
		CO 2	1	1	2	2	2	3	3	1	2	1	1	1	1	1	-	
		CO 3	2	2	2	2	2	2	3	2	1	1	2	1	1	-	-	
		CO 4	2	2	2	2	3	2	1	1	1	1	1	1	-	-	-	
		CO 5	2	1	2	1	2	3	1	2	2	2	2	1	1	1	1	
Environmental and Sustainable Development	20CHO04	CO 1	2	1	3	1	1	2	3	2	1	1	1	3				
		CO 2	2	2	3	2	1	2	3	2	1	1	1	3				
		CO 3	2	1	3	1	2	2	3	2	1	2	1	3				
		CO 4	3	1	3	3	1	3	3	2	2	1	1	3				
		CO 5	3	3	3	1	2	2	3	2	1	1	2	3				
		CO 6	3	2	3	2	1	2	3	2	2	1	1	3				
Compiler Design Lab	20CSC28	CO 1	3	2	-	1	-	-	-	-	-	-	-	3	1	-	-	
		CO 2	2	2	1	2	3	-	-	-	-	-	-	-	1	1	-	
		CO 3	2	2	1	1	-	-	-	-	-	-	-	-	1	2	-	-

			CO 5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Deep Learning	20CSE21	CO 1	2	2	2	2	-	-	-	-	-	-	-	-	-	2	-	
		CO 2	3	3	3	2	2	-	-	-	-	-	2	2	3	3	-	
		CO 3	3	3	3	2	3	-	-	-	-	-	2	3	3	3	-	
		CO 4	3	3	2	3	2	-	-	2	2	-	2	2	2	2	1	
		CO 5	3	3	2	2	3	-	-	2	2	-	2	2	3	2	1	
		CO 6	3	3	2	2	3	-	-	-	-	-	2	2	3	2	-	
Big Data Analytics	20CSE22	CO 1	2	-	-	1	-	-	-	-	-	-	-	-	1	1	-	-
		CO 2	2	-	-	1	-	-	-	-	-	-	-	-	1	1	-	-
		CO 3	2	2	2	1	-	-	-	-	1	-	-	-	1	1	-	1
		CO 4	2	2	2	1	-	-	-	-	1	-	-	-	1	1	-	1
		CO 5	2	2	2	1	-	-	-	-	1	-	-	-	1	1	-	1
		CO 6	2	2	2	1	-	-	-	-	1	-	-	-	1	1	-	1
Blockchain Technology	20CSE24	CO 1	3	3	2	1	-	-	-	-	-	-	-	2	-	1	-	
		CO 2	2	2	2	1	-	-	-	-	-	-	-	-	-	2	-	
		CO 3	3	3	2	2	1	-	-	-	-	-	-	-	-	2	1	
		CO 4	3	2	2	2	1	-	-	-	-	-	-	-	-	-	-	
		CO 5	3	2	2	2	1	-	-	-	-	-	-	-	-	-	-	
		CO 6	3	2	1	1	-	2	1	-	-	-	-	1	2	2	1	
Human Computer Interaction	20CSE26	CO 1	2	1	1	1	1	1	1	2	1	2	-	1	2	1	-	1
		CO 2	2	1	1	1	1	1	1	2	1	2	-	1	-	1	1	1
		CO 3	2	1	1	1	1	1	1	2	1	2	-	1	1	2	-	1
		CO 4	2	2	3	1	2	2	1	2	2	2	1	2	1	1	-	1
		CO 5	2	2	3	1	2	2	2	2	2	2	1	2	1	3	1	1
		CO 6	2	2	3	1	2	2	2	2	2	2	1	2	1	3	1	1
Principles of Entrepreneurship	20MEO04	CO 1	1	1	1	0	0	1	2	1	0	0	0	1	1	-	-	-
		CO 2	1	2	2	1	1	2	2	1	0	0	0	1	1	-	-	-
		CO 3	2	2	2	2	1	2	2	2	0	0	0	1	1	-	-	-
		CO 4	1	1	1	1	1	1	1	1	0	0	0	1	1	-	-	-
		CO 5	1	2	2	2	1	2	2	2	0	0	0	1	1	-	-	-
Cryptography and Network Security Lab	20CSC31	CO 1	2	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-
		CO 2	3	3	-	-	-	-	-	-	-	-	-	-	1	1	-	-
		CO 3	3	3	-	-	-	-	-	-	-	-	-	-	1	1	-	-

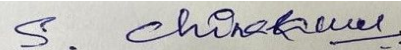
Blockchain Technology Lab	20CSE33	CO 1	3	3	2	2	1	-	-	-	-	-	-	2	-	-	-		
		CO 2	2	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	
		CO 3	2	2	2	2	1	-	-	-	-	-	-	-	-	1	-	1	
		CO 4	2	2	2	2	1	-	-	-	-	-	-	-	-	1	-	1	
		CO 5	2	2	2	2	1	-	-	-	-	-	-	-	1	1	1	1	
		CO 6	2	2	2	2	1	1	1	-	-	-	-	-	1	1	1	1	
Gender Sensitization	20EGM04	CO 1			1			2	2	1	1			1	1	1	1		
		CO 2			1			2	2	1	1			1	1	1	1		
		CO 3			1			2	2	2	1	1	1	1	1	1	1	1	
		CO 4			1			3	2	2	2	1	1	1	1	1	1	2	
		CO 5			1			2	2	2	2	1	1	1	1	1	1	2	
Environmental Science	20CEM01	CO 1	1	-	-	-	-	-	3	-	-	-	-	1	-	-	-		
		CO 2	1	-	-	-	-	-	2	1	-	-	-	1	-	-	-		
		CO 3	1	-	-	-	-	-	2	1	-	-	-	1	-	-	-		
		CO 4	1	-	-	-	-	1	2	1	-	-	-	1	-	-	-		
		CO 5	1	-	-	-	-	1	2	1	-	-	-	1	-	-	-		
Cloud Computing	20CSE34	CO 1	3	3	-	-	-	-	-	-	-	-	-	-	1	1	-	-	
		CO 2	3	3	-	-	-	-	-	-	-	-	-	-	1	1	-	-	
		CO 3	3	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-	
		CO 4	3	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-	
		CO 5	3	3	1	-	-	-	-	-	-	-	-	-	1	1	-	-	
Augmented Reality and Virtual Reality	20CSE35	CO 1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
		CO 2	2	3	3	1	2	1	-	-	-	-	-	-	2	1	2		
		CO 3	2	2	3	2	2	-	-	-	-	-	-	-	1	2	1		
		CO 4	1	1	2	3	2	2	-	-	-	-	-	-	1	3	1		
		CO 5	1	2	3	2	3	2	-	-	-	-	-	-	1	2	1		
		CO 6	2	2	2	1	2	1	-	-	-	-	-	-	-	2	1		
Cyber Security	20CSE36	CO 1	2	1	1	-	-	-	-	-	-	-	-	-	2	1	-	-	
		CO 2	3	3	2	-	-	-	-	-	-	-	-	-	2	1	-	-	
		CO 3	2	2	2	-	-	-	-	-	-	-	-	-	2	1	-	-	
		CO 4	2	2	1	-	-	-	-	-	-	-	-	-	2	1	-	-	
		CO 5	2	2	1	-	-	-	-	-	-	-	-	-	2	1	-	-	
		CO 6	2	3	1	-	-	-	-	-	-	-	-	-	2	1	-	-	

Project Part - 2	20CSC39	CO 1	2	3	2	1	-	-	-	-	2	-	-	3	2	2	-	2		
		CO 2	2	3	2	3	-	-	-	-	-	-	-	-	2	-	-	-	2	
		CO 3	2	3	2	3	-	-	-	-	1	-	-	-	2	3	-	-	2	
		CO 4	2	2	-	3	3	-	-	-	-	1	-	-	-	-	3	-	-	2
		CO 5	2	1	1	1	-	-	-	-	-	3	-	-	-	-	-	3	2	
		CO 6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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 Gandipet, Hyderabad-500 075.(T.S.)

28	Data Structures Lab	20CSC11	2.18	2.53	0.97	-	-	-	-	-	-	-	-	-	0.91	0.91	-	-
29	Mathematical Foundation for Data Science & Security	20MTC13	3.00	1.60	2.00	1.00	1.00	1.00	-	-	2.00	1.00	-	1.00	2.00	-	2	2
30	Design and Analysis of Algorithms	20CSC12	2.17	2.17	1.33	-	-	-	-	-	-	-	-	-	1.00	1.00	1	
31	Computer Architecture and Microprocessor	20CSC13	1.67	1.67	1.50	1.17	1.67	2.00	2.00	-	3.00	1.33	1.50	1.00	1.67	2.25	1.75	
32	Data Base Management Systems	20CSC14	3.00	2.00	2.20	2.00	2.00	1.67	3.00	-	2.00	-	3.00	2.75	-	-	2	2
33	Internet & Web Technologies	20CSC15	2.00	1.67	1.67	1.67	3.00	3.00	-	3.00	1.33	3.00	1.67	3.00	2.00	2.00	3	-
34	Engineering Economics & Accountancy	20MBC01																
35	Mathematical Foundation for Data Science & Security Lab	20MTC14	2.00	2.00	1.00	-	-	-	-	-	-	-	-	1.00	1.00	1.00	1	-
36	Design and Analysis of Algorithms Lab	20CSC16	2.00	2.25	1.00	1.25	2.00	-	-	-	-	-	-	-	1.00	1.00	1	
37	Data Base Management Systems Lab	20CSC17	3.00	1.80	2.00	2.00	2.00	-	-	-	2.50	-	2.00	-	-	-	2	2
38	Internet & Web Technologies Lab	20CSC18	1.00	2.00	2.00	1.83	2.40	-	-	3.00	1.83	1.00	2.00	2.00	-	-	2	-
39	Formal Language and Automata Theory	20CSC19	0.98	1.25	1.10	0.85	-	-	-	-	0.94	-	-	0.64	1.13	1.13	0.57	-
40	Operating Systems	20CSC20	3.00	2.60	1.00	-	-	-	-	-	-	-	-	-	1.00	1.00	-	-
41	Data Communication and Computer Networks	20CSC21	1.50	2.00	2.50	2.00	1.50	1.33	-	-	-	-	-	1.50	1.67	1.50	1	1
42	Software Engineering	20CSC22	1.76	1.37	1.48	1.48	1.48	1.59	1.40	1.76	1.76	1.76	1.48	1.76	1.29	1.37	1.29	-
43	Image Processing and Computer Vision	20CSE01	3.00	2.60	2.33	2.25	2.50	2.00	1.00	2.33	2.33	1.75	1.25	1.75	2.00	3.00	3	-
44	Free and Open Source Technologies	20CSE04	2.90	2.51	0.96	-	-	-	-	-	-	-	-	-	0.97	0.97	-	-
45	Fundamentals of Wireless Communication	20ECO10	2.20	1.40	1.20	1.40	1.20	1.00	1.20	-	-	1.50	-	1.20	1.40	1.40	1	-
46	Waste Management	20EEO05	1.20	1.60	1.60	1.50	1.00	1.60	1.80	1.40	-	-	-	1.00	1.00	-	-	-
47	Organizational Behaviour	20MEO09	3.00	1.80	2.40	1.80	1.80	1.00	-	1.00	1.20	1.00	1.33	1.80	-	-	1	1
48	Quantum Computing	20MTO03	2.00	2.00	1.67	2.00	-	-	-	-	-	2.00	2.00	-	1.00	1.00	-	-
50	Operating System Lab	20CSC23	2.40	2.80	1.00	-	-	-	-	-	-	-	-	-	1.00	1.00	-	-
51	Data Communication and Computer Networks Lab	20CSC24	1.50	2.33	1.67	1.50	2.20	-	-	-	-	-	-	-	2.00	1.50	-	-
52	Case Studies using UML Lab	20CSC25	3.00	3.00	2.60	2.40	2.60	2.80	2.80	3.00	3.00	3.00	2.60	3.00	2.60	2.80	3	-
53	Compiler Design	20CSC26	1.69	1.84	1.69	1.39	-	-	-	-	0.92	-	-	0.92	1.84	1.84	0.92	0.92
54	Artificial Intelligence	20CSC27	2.30	2.15	2.14	2.30	1.43	-	-	-	-	-	-	1.85	2.28	2.09	1.69	1.34
56	Enterprise Application Development	20CSE08	2.76	2.39	1.54	-	-	-	-	-	-	-	-	-	0.92	0.92	-	-
57	Machine Learning	20CSE09	2.89	2.50	0.97	-	-	-	-	-	-	-	-	-	0.97	0.97	-	-
58	Natural Language Processing	20CSE11	1.77	1.93	1.77	1.45	-	-	-	-	0.98	-	-	0.97	1.93	1.93	0.97	0.97
59	Technical Writing Skills	20EGO01	-	-	-	-	-	3.00	-	3.00	3.00	3.00	3.00	3.00	-	-	3	-
60	Disaster Risk Reduction and Management	20CEO02	1.80	1.40	1.80	1.80	2.20	2.40	2.00	1.40	1.60	1.40	1.60	1.00	1.00	1.00	1	-
61	Environmental and Sustainable Development	20CHO04	2.50	1.67	3.00	1.67	1.33	2.17	3.00	2.00	1.33	1.17	1.17	3.00	-	-	-	-
62	Compiler Design Lab	20CSC28	2.30	2.69	0.97	-	-	-	-	-	-	-	-	-	0.96	0.96	-	-
63	Artificial Intelligence Lab	20CSC29	2.80	2.60	2.60	2.40	3.00	-	-	-	-	-	-	2.50	2.80	2.50	2.5	1.67

64	Employability Skills	20EGC03	-	-	-	-	-	3.00	-	3.00	3.00	3.00	3.00	3.00	-	-	3	-
65	Enterprise Application Development Lab	20CSE17	2.25	2.44	1.58	-	-	-	-	-	-	-	-	-	0.94	0.94	-	-
66	Machine Learning Lab	20CSE18	1.27	1.64	0.94	-	-	-	-	-	-	-	-	-	0.61	0.61	-	-
67	Cryptography and Network Security	20CSC30	1.50	2.00	2.50	2.00	1.50	1.33	-	-	-	-	-	1.50	1.67	1.50	1	1
68	Indian Constitution and Fundamental Principles	20EGM01	-	1.50	1.50	2.00	-	2.50	2.00	1.50	1.00	-	-	-	-	-	-	1
69	Deep Learning	20CSE21	2.83	2.83	2.33	2.17	2.60	-	-	2.00	2.00	-	2.00	2.00	2.60	2.33	1	
70	Big Data Analytics	20CSE22	2.00	2.00	2.00	1.00	-	-	-	-	1.00	-	-	-	1.00	1.00	-	1
71	Blockchain Technology	20CSE24	2.83	2.33	1.83	1.50	1.00	2.00	1.00	-	-	-	-	1.50	2.00	1.75	1	-
72	Human Computer Interaction	20CSE26	2.00	1.50	2.00	1.00	1.50	1.50	1.33	2.00	1.50	2.00	1.00	1.50	1.20	1.83	1	1
73	Principles of Entrepreneurship	20MEO04	1.20	1.60	1.60	1.20	0.80	1.60	1.80	1.40	-	-	-	1.00	1.00	-	-	-
74	Cryptography and Network Security Lab	20CSC31	2.40	2.80	1.00	-	-	-	-	-	-	-	-	-	1.00	1.00	-	-
75	Technical Seminar	20CSC32	2.6	2.6	2	2.2	2.2	-	-	1.5	1.6	2	1.67	3	1.5	1.5	2	2
76	Project Part- 1	20CSC33	2	2	1.8	2.8	3	2.5	-	3	2	2.33	2.5	2	1.75	1.67	3	2
77	Deep Learning Lab	20CSE30	2.83	2.83	2.67	2.67	2.83	-	-	2	2	-	2	2	2.83	2.67		
78	Big Data Analytics Lab	20CSE31	2.4	2.8	1	-	-	-	-	-	-	-	-	-	1	1	-	-
79	Blockchain Technology Lab	20CSE33	2.17	2.17	2	2	1	1	1	-	-	-	-	1.33	1	1	1	-
80	Gender Sensitization	20EGM04	-	-	1	-	-	2.2	2	1.6	1.4	1	1	1	1	1	1.4	-
81	Environmental Science	20CEM01	1	-	-	-	-	1	2.17	1	-	-	-	1	1	-	-	-
82	Cloud Computing	20CSE34	3	2.6	1	-	-	-	-	-	-	-	-	-	1	1	-	-
83	Augmented Reality and Virtual Reality	20CSE35	1.5	1.83	2.33	1.8	2.2	1.5	-	-	-	-	-	-	1.25	2	1.2	-
84	Cyber Security	20CSE36	2.17	2.17	1.33	-	-	-	-	-	-	-	-	-	2	1	-	-
85	Project Part - 2	20CSC39	2	2.4	1.75	2.2	3	-	-	-	1.33	3	-	3	2	2.67	3	2
		Average of all PO's/PSO's Articulation	2.28	2.11	1.74	1.71	1.87	1.77	1.79	1.70	1.64	1.88	1.61	1.68	1.48	1.51	1.61	1.42


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	Course		Program Outcomes												Program Specific Outcomes			
	Name	Code	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4
1	Linear Algebra and Calculus	20MTC01	2.85	1.90	1.90	-	-	-	-	0.95	0.95	-	0.96	0.95	1.34	1.34	-	-
2	Linear Algebra and Calculus Lab	20MTC02	2.85	1.90	1.90	-	-	-	-	0.95	0.95	-	0.96	0.95	1.34	1.34	-	-
3	CAD AND DRAFTING	20MEC01	2.88	2.49	2.11	1.15	1.92	1.92	-	0.96	1.92	2.11	0.96	2.11	2.49	1.92	0.96	-
4	Optics and Semiconductor Physics	20PYC01	0.90	1.46	-	-	0.30	0.70	-	0.30	-	-	-	-	-	-	-	-
5	Optics and Semiconductor Physics Lab	20PYC03	0.53	0.62	0.53	0.53	0.40	0.43	-	0.53	-	-	-	-	0.36	0.27	0.267	-
6	English	20EGC01	1.00	1.40	1.00	1.20	1.00	1.20	1.00	1.33	1.40	2.20	1.00	2.00	1.00	1.00	1	-
7	English Lab	20EGC02	-	-	-	-	-	-	-	-	1.80	2.60	-	1.40	-	-	2.4	-
8	Programming for Problem Solving	20CSC01	2.16	1.89	1.98	1.24	1.77	0.86	-	-	-	1.07	0.84	1.76	1.88	2.16	1.77	1.14
9	Programming for Problem Solving Lab	20CSC02	2.73	1.82	2.19	1.64	1.82	0.61	-	0.61	0.91	1.37	1.14	1.82	2.19	2.73	2.19	1.52
11	Differential Equations and Transform Theory	20MTC03	2.50	1.93	1.93	-	-	-	-	0.97	0.97	-	0.97	0.97	0.97	0.97	-	-
12	Chemistry	20CYC01	2.85	1.90	2.28	-	-	1.90	1.90	-	-	-	-	1.90	-	-	-	-
13	Industry 4.0	20CSC05	2.93	2.54	0.98	-	-	-	-	-	-	-	-	-	0.98	0.98	-	-
14	Object Oriented Programming	20CSC03	1.80	1.96	1.80	1.47	-	-	-	-	0.99	-	-	0.98	1.96	1.96	0.98	-
15	Differential Equations & Transform Theory Lab	20MTC04	2.52	1.94	1.95	-	-	-	-	0.97	0.97	-	0.97	0.97	0.97	-	0.97	-
16	Chemistry Lab	20CYC02	2.94	1.96	2.15	-	-	1.76	1.96	-	-	-	-	1.96	-	-	-	-
17	Object Oriented Programming Lab	20CSC04	2.03	2.35	0.65	-	-	-	-	-	-	-	-	-	0.85	0.85	-	-
18	Workshop / Manufacturing Practice	20MEC02	1.98	1.44	1.44	0.90	1.62	-	-	1.80	1.44	-	0.90	-	2.16	1.62	0.9	-
20	Basic Electrical Engineering	20EEC01																
21	Basic Electronics	20ECC35																
22	Data Structures	20CSC08	1.66	1.82	1.69	1.35	-	-	-	-	0.96	-	-	0.91	1.83	1.83	0.91	-
23	Discrete Mathematics	20CSC09	2.36	1.52	-	-	-	-	-	-	-	-	-	0.94	1.65	0.85	0.85	-
24	Digital Logic Design	20CSC10	1.99	1.82	2.11	1.59	1.59	1.77	1.20	1.20	1.20	1.13	1.20	1.53	1.15	2.11	1.81	-
26	Basics of Electrical Engineering Lab	20EEC02																
27	Basic Electronics Lab	20ECC36																
28	Data Structures Lab	20CSC11	2.23	2.58	0.97	-	-	-	-	-	-	-	-	-	0.93	0.93	-	-
29	Mathematical Foundation for Data Science & Security	20MTC13	2.92	1.56	1.95	-	0.99	0.98	-	-	1.95	-	-	0.98	1.96	-	1.95	1.95
30	Design and Analysis of Algorithms	20CSC12	1.90	1.91	1.18	-	-	-	-	-	-	-	-	-	0.89	0.89	0.89	-
31	Computer Architecture and Microprocessor	20CSC13	1.59	1.58	1.42	1.11	1.58	1.87	1.87	-	2.83	1.27	1.43	0.95	1.58	2.12	1.66	-
32	Data Base Management Systems	20CSC14	2.43	1.54	1.68	1.56	1.47	1.33	1.95	-	1.56	-	1.95	2.06	-	-	1.62	1.62
33	Internet & Web Technologies	20CSC15	1.82	1.51	1.51	1.51	2.70	2.60	-	2.83	1.23	2.81	1.52	2.66	0.32	0.30	1.41	-
34	Engineering Economics & Accountancy	20MBC01																
35	Mathematical Foundation for Data Science & Security Lab	20MTC14	2.92	1.56	1.95	-	0.99	0.98	-	-	1.95	-	-	0.98	1.96	-	1.95	1.95
36	Design and Analysis of Algorithms Lab	20CSC16	1.88	2.11	0.94	1.18	1.88	-	-	-	-	-	-	-	0.94	0.94	0.94	-
37	Data Base Management Systems Lab	20CSC17	2.76	1.66	1.84	1.82	1.82	-	-	-	2.32	-	1.85	-	-	-	1.84	1.84
38	Internet & Web Technologies Lab	20CSC18	0.97	1.93	1.93	1.77	2.31	-	-	2.90	1.77	0.97	1.93	1.94	-	-	1.94	-

39	Formal Language and Automata Theory	20CSC19	0.99	1.27	1.12	0.86	-	-	-	-	0.97	-	-	0.65	1.15	1.15	0.58	0.58
40	Operating Systems	20CSC20	2.16	1.84	0.58	-	-	-	-	-	-	-	-	-	0.72	0.72	-	-
41	Data Communication and Computer Networks	20CSC21	1.01	1.38	1.69	1.32	1.09	0.93	-	-	-	-	-	1.06	1.06	1.01	0.69	0.69
42	Software Engineering	20CSC22	1.76	1.37	1.48	1.48	1.48	1.59	1.40	1.76	1.76	1.76	1.48	1.76	1.29	1.37	1.29	-
43	Image Processing and Computer Vision	20CSE01	2.48	2.19	2.23	1.75	1.81	1.93	0.97	1.70	1.70	1.67	1.00	1.28	1.66	2.26	2.1	-
44	Free and Open Source Technologies	20CSE04	2.90	2.51	0.96	-	-	-	-	-	-	-	-	-	0.97	0.97	-	-
45	Fundamentals of Wireless Communication	20ECO10	1.83	1.17	1.00	1.17	1.01	0.85	1.01	-	-	1.26	-	1.00	1.17	1.17	0.84	-
46	Waste Management	20EEO05	0.97	1.30	1.30	1.23	0.82	1.30	1.46	1.14	-	-	-	0.81	0.81	-	-	-
47	Organizational Behaviour	20MEO09	2.68	1.62	2.15	1.61	1.62	0.89	-	0.89	1.08	0.87	1.18	1.61	-	-	0.9	0.9
48	Quantum Computing	20MT003	1.86	1.86	1.55	1.87	-	-	-	-	-	1.87	1.87	-	0.93	0.93	-	-
50	Operating System Lab	20CSC23	2.34	2.73	0.99	-	-	-	-	-	-	-	-	-	0.98	0.98	-	-
51	Data Communication and Computer Networks Lab	20CSC24	1.40	2.18	1.56	1.40	2.06	-	-	-	-	-	-	-	1.86	1.41	-	-
52	Case Studies using UML Lab	20CSC25	2.91	2.91	2.52	2.33	2.52	2.71	2.71	2.91	2.91	2.91	2.52	2.91	2.52	2.71	2.91	-
53	Compiler Design	20CSC26	1.68	1.82	1.68	1.37	-	-	-	-	0.91	-	-	0.91	1.83	1.83	0.92	0.92
54	Artificial Intelligence	20CSC27	2.30	2.15	2.14	2.30	1.43	-	-	-	-	-	-	1.85	2.28	2.09	1.69	1.34
56	Enterprise Application Development	20CSE08	1.66	1.49	1.25	1.80	2.41	-	-	-	-	1.62	-	1.95	0.93	1.15	1.94	-
57	Machine Learning	20CSE09	2.89	2.50	0.97	-	-	-	-	-	-	-	-	-	0.97	0.97	-	-
58	Natural Language Processing	20CSE11	0.46	0.31	0.28	0.30	0.26	-	-	-	-	-	-	0.28	0.15	0.31	0.26	-
59	Technical Writing Skills	20EGO01	-	-	-	-	-	2.79	-	2.82	2.81	2.79	2.83	2.83	-	-	2.82	-
60	Disaster Risk Reduction and Management	20CEO02	1.63	1.27	1.64	1.63	1.99	2.18	1.81	1.28	1.45	1.27	1.45	0.91	0.91	0.91	0.91	-
61	Environmental and Sustainable Development	20CHO04	2.25	1.51	2.69	1.50	1.20	1.94	2.69	1.80	1.20	1.05	1.05	2.69	-	-	-	-
62	Compiler Design Lab	20CSC28	2.30	2.69	0.97	-	-	-	-	-	-	-	-	-	0.96	0.96	-	-
63	Artificial Intelligence Lab	20CSC29	0.34	0.31	0.31	0.29	0.36	-	-	-	-	-	-	0.30	0.34	0.30	0.3	0.2
64	Employability Skills	20EGC03	-	-	-	-	-	2.83	-	2.87	2.85	2.83	2.88	2.88	-	-	2.87	-
65	Enterprise Application Development Lab	20CSE17	1.61	1.45	1.61	1.61	2.25	-	-	-	0.37	0.37	-	2.41	-	-	1.63	-
66	Machine Learning Lab	20CSE18	1.27	1.64	0.94	-	-	-	-	-	-	-	-	-	0.61	0.61	-	-
67	Cryptography and Network Security	20CSC30	1.36	1.80	2.25	1.81	1.37	1.21	-	-	-	-	-	1.34	1.50	1.36	0.9	0.9
68	Indian Constitution and Fundamental Principles	20EGM01	-	0.70	0.70	0.00	-	1.23	0.70	0.70	0.47	-	-	-	-	-	-	-
69	Deep Learning	20CSE21	2.74	2.74	2.25	2.10	2.51	-	0.00	1.97	1.97	-	1.96	1.93	2.51	2.25	0.99	-
70	Big Data Analytics	20CSE22	1.33	1.07	1.07	0.67	-	-	-	-	0.54	-	-	-	0.67	0.67	-	0.54
71	Blockchain Technology	20CSE24	2.69	2.22	1.75	1.41	0.96	1.66	0.83	-	-	-	-	1.34	1.91	1.67	0.9	-
72	Human Computer Interaction	20CSE26	1.36	1.04	1.40	0.72	1.11	1.11	1.01	1.43	1.11	1.43	0.79	1.11	0.82	1.29	0.81	0.72
73	Principles of Entrepreneurship	20MEO04	1.13	1.51	1.51	1.14	0.76	1.51	1.69	1.32	0.00	0.00	0.00	0.94	0.94	-	-	-
74	Cryptography and Network Security Lab	20CSC31	2.24	2.62	0.94	-	-	-	-	-	-	-	-	-	0.94	0.94	-	-
75	Technical Seminar	20CSC32	2.42	2.42	1.87	2.05	2.05	-	-	1.41	1.50	1.88	1.57	2.72	1.40	1.40	1.89	1.87
76	Project Part- I	20CSC33	1.89	1.88	1.69	2.64	2.82	2.34	-	2.80	1.89	2.21	2.36	1.87	1.64	1.56	2.79	1.89
77	Deep Learning Lab	20CSE30	2.75	2.75	2.59	2.59	2.75	-	0.00	1.93	1.93	-	1.94	1.94	2.75	2.59	-	-
78	Big Data Analytics Lab	20CSE31	1.79	2.00	0.14	-	-	-	-	-	-	-	-	-	0.73	0.73	-	-
79	Blockchain Technology Lab	20CSE33	2.09	2.09	1.92	1.92	0.96	0.80	0.80	-	-	-	-	1.26	0.95	0.90	0.95	-
80	Gender Sensitization	20EGM04	-	-	0.7	-	-	1.54	1.4	1.12	0.98	0.7	0.7	0.7	0.7	0.7	0.98	-
81	Environmental Science	20CEM01	0.64	-	-	-	-	0.47	1.39	0.66	-	-	-	0.64	0.64	-	-	-
82	Cloud Computing	20CSE34	2.88	2.50	0.96	-	-	-	-	-	-	-	-	-	0.96	0.96	-	-
83	Augmented Reality and Virtual Reality	20CSE35	1.44	1.75	2.23	1.72	2.10	1.43	-	-	-	-	-	-	1.20	1.91	1.15	-

84	Cyber Security	20CSE36	2.12	2.11	1.31	-	-	-	-	-	-	-	-	-	1.96	0.98	-	-
85	Project Part - 2	20CSC39	1.88	2.24	1.64	2.06	2.81	-	-	-	1.24	2.88	-	2.78	1.86	2.49	2.88	1.88
		Average of all POs/PSOs attainments	1.99	1.82	1.51	1.45	1.59	1.49	1.35	1.51	1.44	1.66	1.42	1.52	1.29	1.31	1.41	1.25

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	Course Name	Course Code	CO1	CO2	CO3	CO4	CO5	CO6	Class Target	CO Target	Remarks
1	Linear Algebra and Calculus	20MTC01	2.86	2.83	2.89	2.87	2.79	-	60	60	
2	Linear Algebra and Calculus Lab	20MTC02	2.86	2.83	2.89	2.87	2.79	-	60	60	
3	CAD AND DRAFTING	20MEC01	2.90	2.88	2.86	2.82	2.92	-	55	55	
4	Optics and Semiconductor Physics	20PYC01	0.90	0.90	2.21	2.30	0.36	-	55	55	
5	Optics and Semiconductor Physics Lab	20PYC03	1.80	1.80	1.80	1.80	1.80	-	55	55	
6	English	20EGC01	2.74	2.78	2.79	2.79	2.31	-	60	60	
7	English Lab	20EGC02	3.00	3.00	3.00	3.00	3.00	-	55	55	
8	Programming for Problem Solving	20CSC01	2.51	2.57	2.57	2.43	2.22	2.3	70	70	
9	Programming for Problem Solving Lab	20CSC02	2.72	2.74	2.73	2.73	2.74	2.72	70	70	
11	Differential Equations and Transform Theory	20MTC03	2.89	2.89	2.89	2.89	2.89	-	60	60	
12	Chemistry	20CYC01	2.86	2.87	2.85	2.89	2.73	-	55	55	
13	Industry 4.0	20CSC05	2.94	2.95	2.89	2.92	2.93	2.98	67	67	
14	Object Oriented Programming	20CSC03	2.97	2.94	2.98	2.95	2.87	2.92	67	67	
15	Differential Equations & Transform Theory Lab	20MTC04	2.91	2.91	2.91	2.90	2.91	-	60	60	
16	Chemistry Lab	20CYC02	2.93	2.95	2.95	2.93	2.93	-	70	70	
17	Object Oriented Programming Lab	20CSC04	2.8	2.82	2.26	2.84	1.94	-	70	70	
18	Workshop / Manufacturing Practice	20MEC02	2.7	2.7	2.7	2.7	2.7	-	55	55	
20	Basic Electrical Engineering	20EEC01									
21	Basic Electronics	20ECC35									
22	Data Structures	20CSC08	2.63	2.53	2.82	2.9	2.66	2.84	70	65	
23	Discrete Mathematics	20CSC09	2.95	0.54	2.94	2.95	2.89	2.81	67	65	
24	Digital Logic Design	20CSC10	2.84	2.72	2.78	2.81	2.65	2.64	67	60	
26	Basics of Electrical Engineering Lab	20EEC02									
27	Basic Electronics Lab	20ECC36									
28	Data Structures Lab	20CSC11	2.9	2.85	2.83	2.37	2.89	2.38	70	65	
29	Mathematical Foundation for Data Science & Security	20MTC13	2.94	2.9	2.87	2.95	2.91	-	60	60	
30	Design and Analysis of Algorithms	20CSC12	2.47	2.68	2.71	2.71	2.62	2.55	65	65	
31	Computer Architecture and Microprocessor	20CSC13	2.87	2.84	2.86	2.84	2.79	2.8	67	65	
32	Data Base Management Systems	20CSC14	2.68	2.55	2.74	2.67	2.62	1.28	67	60	
33	Internet & Web Technologies	20CSC15	2.83	2.68	2.83	2.78	2.36	2.83	67	65	
34	Engineering Economics & Accountancy	20MBC01									
35	Mathematical Foundation for Data Science & Security Lab	20MTC14	2.93	2.92	2.98	2.97	2.98	-	60	65	
36	Design and Analysis of Algorithms Lab	20CSC16	2.82	2.82	2.80	2.83	2.80	-	70	65	
37	Data Base Management Systems Lab	20CSC17	2.65	2.78	2.76	2.71	2.83	2.81	70	75	

38	Internet & Web Technologies Lab	20CSC18	2.90	2.91	2.90	2.88	2.88	2.89	70	65	
39	Formal Language and Automata Theory	20CSC19	0.57	0.54	0.59	2.90	2.84	2.86	67	60	
40	Operating Systems	20CSC20	2.23	2.07	2.74	2.01	1.71	2.66	65	60	
41	Data Communication and Computer Networks	20CSC21	2.48	1.34	1.94	2.4	1.4	2.82	67	60	
42	Software Engineering	20CSC22	2.46	1.65	1.25	1.75	1.66	-	65	60	
43	Image Processing and Computer Vision	20CSE01	2.95	2.8	2.91	0.53	2.84	2.86	67	60	
44	Free and Open Source Technologies	20CSE04	2.92	2.87	2.91	2.90	2.88	-	67	60	
45	Fundamentals of Wireless Communication	20ECO10	2.43	2.53	2.51	2.47	2.58	-	75	70	
46	Waste Management	20EEO05	2.34	2.45	2.42	2.38	2.49	-	75	70	
47	Organizational Behaviour	20MEO09	2.61	2.71	2.69	2.64	2.75	-	75	70	
48	Quantum Computing	20MTO03	2.7	2.81	2.78	2.74	2.85	-	75	70	
50	Operating System Lab	20CSC23	2.92	2.92	2.90	2.92	2.94	2.93	70	70	
51	Data Communication and Computer Networks Lab	20CSC24	2.83	2.8	2.79	2.77	2.8	-	70	70	
52	Case Studies using UML Lab	20CSC25	2.96	2.97	2.96	2.88	2.77	-	70	70	
53	Compiler Design	20CSC26	2.87	2.81	2.74	2.69	2.55	2.74	68	60	
54	Artificial Intelligence	20CSC27	2.5	2.7	2.29	2.31	2.45	NA	70	70	
56	Enterprise Application Development	20CSE08	2.77	2.82	2.87	2.77	2.57	2.42	67	60	
57	Machine Learning	20CSE09	2.88	2.89	2.85	2.90	2.89	NA	67		
58	Natural Language Processing	20CSE11	0.55	0	0.58	0.55	0.54	0.53	70	60	
59	Technical Writing Skills	20EGO01	2.78	2.89	2.86	2.82	2.93	-	70	75	
60	Disaster Risk Reduction and Management	20CEO02	2.64	2.74	2.72	2.67	2.79	-	70	75	
61	Environmental and Sustainable Development	20CHO04	2.6	2.7	2.68	2.63	2.75	-	70	75	
62	Compiler Design Lab	20CSC28	2.88	2.87	2.87	2.86	2.89	NA	70	70	
63	Artificial Intelligence Lab	20CSC29	0.36	0.36	0.36	0.36	0.36	-	70	70	
64	Employability Skills	20EGC03	2.83	2.93	2.91	2.87	2.98	-	70	75	
65	Enterprise Application Development Lab	20CSE17	2.84	2.8	2.79	2.82	2.8	2.76	70	70	
66	Machine Learning Lab	20CSE18	2.77	0.42	0.40	2.71	2.81	NA	70		
67	Cryptography and Network Security	20CSC30	2.8	2.59	2.87	2.72	2.35	2.82	67	60	
68	Indian Constitution and Fundamental Principles	20EGM01	2.10	2.10	2.10	2.10	2.10	0.00	75	75	
69	Deep Learning	20CSE21	2.92	2.86	2.78	2.94	2.94	2.91	67	60	
70	Big Data Analytics	20CSE22	2.79	2.75	2.79	2.8	0.4	0.4	67	60	
71	Blockchain Technology	20CSE24	2.77	2.86	2.89	2.86	2.85	2.49	67	65	
72	Human Computer Interaction	20CSE26	2.04	2.01	1.7	1.89	2.28	2.92	62	62	
73	Principles of Entrepreneurship	20MEO04	2.74	2.86	2.90	2.82	2.80	-	75	75	
74	Cryptography and Network Security Lab	20CSC31	2.83	2.8	2.79	2.77	2.8	-	70	70	
75	Technical Seminar	20CSC32	2.72	2.82	2.8	2.75	2.87	-	70	75	
76	Project Part- 1	20CSC33	2.79	2.8	2.82	2.83	2.89	2.77	80	80	
77	Deep Learning Lab	20CSE30	2.91	2.9	2.91	2.9	2.88	2.92	70	70	
78	Big Data Analytics Lab	20CSE31	2.73	2.38	2.62	2.76	0.4	0.4	70	70	
79	Blockchain Technology Lab	20CSE33	2.98	2.97	2.98	2.97	2.96	2.89	70	70	
80	Gender Sensitization	20EGM04	2.10	2.10	2.10	2.10	2.10	0.00	75	75	
81	Environmental Science	20CEM01	1.679	2.078	3	1.933	0.867	-	70	70	
82	Cloud Computing	20CSE34	2.9	2.9	2.83	2.88	2.86	-	67	60	

83	Augmented Reality and Virtual Reality	20CSE35	2.82	2.83	2.91	2.82	2.87	2.87	67	65
84	Cyber Security	20CSE36	2.79	2.75	2.79	2.8	0.4	0.4	67	60
85	Project Part - 2	20CSC39	2.77	2.78	2.8	2.81	2.88	2.75	80	80

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28	Puneeth Batchu	B.E.-CSE1	1.60121E+11	3	3	2.5	3	2.5	2.5	3	3	3	2.5	3	2.5	3	2.5	2.5	2.5
29	RAGHU BUCHALA	B.E.-CSE1	1.60121E+11	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
30	Sai Abhiram Alluri	B.E.-CSE1	1.60121E+11	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3	3	3	2.5	3	3	3
31	Sai Ganesh Mandala	B.E.-CSE1	1.60121E+11	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
32	Bandari Sai Kishore	B.E.-CSE1	1.60121E+11	3	3	2.5	2.5	3	3	3	3	3	3	3	2.5	3	3	2.5	3
33	G G G SAI MURARI	B.E.-CSE1	1.60121E+11	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2	2.5
34	Ruthvik Reddy Korem	B.E.-CSE1	1.60121E+11	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
35	Sai Saketh Konjerla	B.E.-CSE1	1.60121E+11	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
36	Satvik Yadav Elitem	B.E.-CSE1	1.60121E+11	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
37	Dhruv Saxena	B.E.-CSE1	1.60121E+11	3	2.5	2.5	3	3	3	2	2.5	2.5	3	3	3	3	3	1.5	2.5
38	M G Shahbaz Jahan	B.E.-CSE1	1.60121E+11	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
39	Shaik Abdul Khader Al Amoudi	B.E.-CSE1	1.60121E+11	3	3	2.5	2.5	2.5	3	2.5	3	3	2.5	3	2.5	2.5	3	2.5	3
40	Shyam Sundar Pobbothi	B.E.-CSE1	1.60121E+11	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
41	Siddhardha kattanguru	B.E.-CSE1	1.60121E+11	2.5	2	1.5	2.5	1.5	1.5	2	2	2	1.5	2.5	1.5	2	2	2	2
42	Pranav Reddy Asireddy	B.E.-CSE1	1.60121E+11	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
43	Sree Harshith Vajinepalli	B.E.-CSE1	1.60121E+11	2.5	2	2	2	2	2.5	2	2.5	2.5	2.5	2	2.5	2.5	2	2.5	2
44	Sumanth Geddam	B.E.-CSE1	1.60121E+11	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
45	Tanish Rohil Gali	B.E.-CSE1	1.60121E+11	2	2.5	1.5	3	2.5	1.5	2	2.5	3	1.5	3	2	3	2.5	3	3
46	Vamshi Krishna Bathula	B.E.-CSE1	1.60121E+11	2	1.5	1	1.5	1.5	1.5	1.5	1	2	2	1.5	1.5	1.5	1.5	1.5	1
47	Vikram Mali	B.E.-CSE1	1.60121E+11	2	2.5	2	2	2	2	2	2	3	2.5	2.5	2.5	2	2	2	2
48	Vishnu Sathwik Rebally	B.E.-CSE1	1.60121E+11	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
49	Adhikya Edammala	B.E.-CSE2	1.60121E+11	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
50	Aditi Varma Bhupathiraju	B.E.-CSE2	1.60121E+11	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3	2.5	2.5	3	2.5	2.5	2.5	2.5
51	Amulya Nandala	B.E.-CSE2	1.60121E+11	2.5	2	2	2.5	2	2.5	2	2	2	2.5	2.5	2	2	2	2.5	2.5
52	Anjali Vanam	B.E.-CSE2	1.60121E+11	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
53	Dakshata Patnam	B.E.-CSE2	1.60121E+11	2	2	2	2	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
54	Hamsitha Kotla	B.E.-CSE2	1.60121E+11	2.5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
55	Harshita Kalva	B.E.-CSE2	1.60121E+11	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
56	Mallu Harshitha Reddy	B.E.-CSE2	1.60121E+11	3	2.5	2.5	3	2.5	2.5	3	3	3	2.5	2.5	2.5	3	3	3	3
57	Manjusha Sunkara	B.E.-CSE2	1.60121E+11	3	2.5	3	3	2.5	3	3	3	3	3	3	2.5	3	2.5	3	3
58	Meghana Sreeya Veeramallu	B.E.-CSE2	1.60121E+11	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
59	Niveditha Reddy Mandala	B.E.-CSE2	1.60121E+11	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
60	Arshia Parveen	B.E.-CSE2	1.60121E+11	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
61	Poojitha Pachava	B.E.-CSE2	1.60121E+11	2	2.5	2	2	2	2	2	2	2	2	2	2	2.5	2	2	2
62	Roopika Ponnur	B.E.-CSE2	1.60121E+11	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
63	Sai Sahithi Kosaraju	B.E.-CSE2	1.60121E+11	2.5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
64	Shruthi Kunchakuri	B.E.-CSE2	1.60121E+11	2	2	1.5	1.5	2	1.5	2	1.5	2	1.5	2	2.5	1.5	2	1.5	2
65	Sreeni Tummuru	B.E.-CSE2	1.60121E+11	2	1.5	1.5	1.5	1.5	2	2	1.5	2	1.5	2	1.5	1.5	2	2	1.5
66	Challa Sri Nidhi	B.E.-CSE2	1.60121E+11	2	2	2	2	2	1.5	2	1.5	2.5	2.5	2	2	2	2	2.5	2

145	Sanvi Reddy	B.E.-CSE3	1.60121E+11	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
146	Vadnala Nikita	B.E.-CSE1	1.60121E+11	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
147	Chintala Sai Akshitha	B.E.-CSE1	1.60121E+11	2.5	2.5	2	3	2.5	3	3	3	3	3	3	3	2.5	2.5	2.5	
148	Rajavardhan Pagidipala	B.E.-CSE1	1.60121E+11	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
149	Snigdha Aleti	B.E.-CSE1	1.60121E+11	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
150	Boora Anusha	B.E.-CSE1	1.60121E+11	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
151	Maroju Nikhil	B.E.-CSE2	1.60121E+11	2.5	3	3	2.5	2.5	2.5	2.5	2	2.5	2	2	2	2	2	2	2.5
152	VELDOJ SAI TEJA	B.E.-CSE2	1.60121E+11	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
153	Sridhar Angoth	B.E.-CSE2	1.60121E+11	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
154	Aratla Yogitha	B.E.-CSE2	1.60121E+11	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3	3	3	2.5	3	3	3	2	3
155	Mudavath Swapna	B.E.-CSE2	1.60121E+11	2	2.5	3	2.5	2	2.5	2	2	2.5	2.5	2.5	2.5	2	2.5	2.5	2.5
156	Patcha Kiran Deep	B.E.-CSE3	1.60121E+11	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
157	Bommena Ashok	B.E.-CSE3	1.60121E+11	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
158	Gadham Srinivas	B.E.-CSE3	1.60121E+11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
159	Mohammed Usama Ahmed	B.E.-CSE3	1.60121E+11	1.5	2.5	2.5	2	2.5	2.5	2.5	2	2.5	3	2.5	2	2	2	2	2
160	vallamalla Shirisha	B.E.-CSE3	1.60121E+11	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
161	Rasuri Nihal Kumar	B.E.-CSE3	1.60121E+11	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
162	Mayank Gujrathi	B.E.-CSE1	1.60121E+11	2	2	2	2	2	2	2.5	2.5	2.5	2.5	2	2	2	2	2	2
163	G., Mohan krishna	B.E.-CSE3	1.60121E+11	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
164	Katakam Sakethram	B.E.-CSE3	1.60121E+11	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
165	Kotturu Sai Venkata Nischal Kumar	B.E.-CSE3	1.60121E+11	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
166																			
Average				2.32	2.29	2.30	2.31	2.30	2.30	2.31	2.32	2.42	2.38	2.37	2.37	2.33	2.32	2.34	2.36

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
Program Exit Survey (PE)	2.32	2.29	2.30	2.31	2.30	2.30	2.31	2.32	2.42	2.38	2.37	2.37	2.33	2.32	2.34	2.36
Alumini Survey (AS)	2.16	2.67	2.3	2.3	1	2	1	3	2.5	3	2.5	2.5	2.45	2.22	2.22	2.22
Employer Survey (ES)	1	2.3	1.9	2.3	2.5	2.3	3	3	2.2	3	2.5	2.6	2.25	2.33	2.34	2.22
Total InDirect Attainment	1.87	2.41	2.18	2.30	1.97	2.21	2.12	2.73	2.38	2.75	2.45	2.48	2.34	2.29	2.30	2.28

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