



**Department of Computer Science and Engineering**

SINo	Course		Program Outcomes (POs)												PSOs				
	Name	Code	Cos	1	2	3	4	5	6	7	8	9	10	11	12	1	2		
1	Mathematics-I	18MT C01	1	3	2	-	-	-	-	-	-	-	-	-	-	1	2	-	
			2	3	2	-	-	-	-	-	-	-	-	-	-	-	1	2	-
			3	3	2	-	-	-	-	-	-	-	-	-	-	-	1	2	-
			4	3	2	-	-	-	-	-	-	-	-	-	-	-	1	2	-
			5	3	2	-	-	-	-	-	-	-	-	-	-	-	1	2	-
			6	3	2	-	-	-	-	-	-	-	-	-	-	-	1	2	-
2	Chemistry	18CY C01	1	3	2	2	-	-	2	2	-	-	-	-	-	2	-	-	
			2	3	2	2	-	-	2	2	-	-	-	-	-	2	-	-	
			3	3	2	3	-	-	2	2	-	-	-	-	-	2	-	-	
			4	3	2	3	-	-	2	2	-	-	-	-	-	2	-	-	
			5	3	2	2	-	-	2	2	-	-	-	-	-	2	-	-	
3	Engineering Mechanics	18CEC01	1	3	2	-	-	-	-	-	-	-	-	-	-	1	3	-	
			2	3	2	-	-	-	-	-	-	-	-	-	-	1	3	-	
			3	3	2	-	-	-	-	-	-	-	-	-	-	1	3	-	
			4	3	2	-	-	-	-	-	-	-	-	-	-	1	3	-	
			5	3	2	-	-	-	-	-	-	-	-	-	-	1	3	-	
4	Engineering Graphics & Design	18MEC01	1	3	3	2	1	2	2	-	1	2	3	1	3	2	3		
			2	3	2	2	1	2	2	-	1	2	2	1	2	2	2		
			3	3	3	2	1	2	2	-	1	2	2	1	2	2	1		
			4	3	3	3	2	2	2	-	1	2	2	1	2	1	1		
			5	3	2	2	1	2	2	-	1	2	2	1	2	1	1		
5	Programming for Problem solving	18CS C01	1	3	1	-	-	1	-	-	-	-	-	-	-	1	1	1	
			2	3	3	3	-	1	-	-	-	-	-	-	-	1	1	1	
			3	3	2	-	-	1	-	-	-	-	-	-	-	1	-	-	
			4	3	3	3	1	-	-	-	-	-	-	-	-	-	-	-	
			5	3	3	2	1	1	-	-	-	-	-	-	-	1	-	-	
			6	3	3	3	-	1	-	-	-	-	-	-	-	1	1	1	
6	Programming for Problem solving Lab	18CS C02	1	3	1	-	-	1	-	-	-	-	-	-	-	1	1	1	
			2	3	3	3	-	1	-	-	-	-	-	-	-	1	1	1	
			3	3	2	-	-	1	-	-	-	-	-	-	-	1	1	1	
			4	3	3	-	1	1	-	-	-	-	-	-	-	1	1	1	
			5	3	3	3	1	1	-	-	-	-	-	-	-	1	1	1	

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SINo	Course		Program Outcomes (POs)												PSOs			
	Name	Code	Cos	1	2	3	4	5	6	7	8	9	10	11	12	1	2	
7	Chemistry Lab	18CY C02	1	3	2	2	-	-	2	2	-	-	-	-	2	-	-	
			2	3	2	1	-	-	1	2	-	-	-	-	2	-	-	
			3	3	2	3	-	-	2	2	-	-	-	-	2	-	-	
			4	3	2	2	-	-	2	2	-	-	-	-	2	-	-	
			5	3	2	3	-	-	2	2	-	-	-	-	2	-	-	
8	Mathematics-II	18MTC03	1	3	3	3	3	-	-	-	-	-	-	-	2	-	-	
			2	2	2	3	3	-	-	-	-	-	-	-	2	-	-	
			3	3	3	3	3	-	-	-	-	-	-	-	2	-	-	
			4	2	2	3	2	-	-	-	-	-	-	-	2	-	-	
			5	3	2	2	2	-	-	-	-	-	-	-	-	-	-	
9	Optics and Semiconductor Physics	18PYC01	1	3	1	1	1	1	2	2	1	1	2	1	2	1	1	
			2	3	1	2	1	2	2	2	1	2	2	2	2	1	1	
			3	2	2	1	1	1	1	1	1	1	1	2	1	2	2	2
			4	3	2	2	2	2	2	2	1	1	2	1	2	1	1	
			5	3	2	2	2	2	1	2	2	1	2	1	2	1	1	
10	Optics and Semiconductor Physics Lab	18PYC02	1	3	2	2	3	1	3	-	3	3	-	1	2	-	-	
			2	3	3	2	2	2	2	1	3	3	-	1	3	-	-	
			3	3	3	3	3	3	1	2	3	3	-	1	2	-	-	
			4	3	3	3	2	2	1	2	3	3	-	1	3	-	-	
			5	3	2	2	3	2	1	-	3	3	-	1	2	-	-	
11	Object Oriented Programming	18CSC03	1	3	3	2	2	2	-	-	-	-	-	-	1	2	2	
			2	2	1	1	1	-	-	-	-	-	-	-	1	2	2	
			3	2	1	1	1	1	-	-	-	-	-	-	2	2	3	
			4	2	1	-	-	-	-	-	-	-	-	-	-	1	1	
			5	2	1	2	1	1	-	-	-	-	-	-	1	3	3	
12	Object Oriented Programming Lab	18CSC04	1	-	1	-	-	2	-	-	-	-	-	-	3	2		
			2	-	1	1	1	-	-	-	-	-	-	-	2	2		
			3	-	1	1	1	1	-	-	-	-	-	-	2	3		
			4	-	1	1	1	1	-	-	-	-	-	-	2	2		
			5	-	1	1	2	2	-	-	-	-	-	-	3	2		
13	English	18EGC01	1	-	-	-	-	-	-	-	-	-	1	-	-	-		
			2	-	-	-	-	-	-	-	-	-	1	-	-			
			3	-	-	2	2	-	-	-	-	-	1	-	-			
			4	-	-	-	-	2	2	2	-	-	2	-	-			
			5	-	-	-	-	-	-	-	-	-	-	-	-			
14	English Lab	18EGC02	1	-	-	-	-	-	-	-	-	1	2	-	1	1		
			2	-	-	-	-	-	-	-	-	1	2	-	1	1		
			3	-	-	-	1	-	1	-	1	2	2	1	1	-		
			4	-	1	-	1	-	1	1	1	2	2	1	2	1		
			5	-	1	-	1	-	1	1	1	1	2	1	2	1		
			6	1	1	-	1	-	1	2	2	3	2	2	2	1		

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Head Dept. of CSE, CBIT(A)


SINo	Course		Program Outcomes (POs)												PSOs		
	Name	Code	Cos	1	2	3	4	5	6	7	8	9	10	11	12	1	2
15	Workshop / Manufacturing Practice	18MEC02	1	3	2	1	-	2	-	-	1	2	2	-	1	3	2
			2	2	2	1	-	1	-	-	1	2	2	-	1	2	2
			3	2	2	2	-	2	-	-	1	2	2	-	1	3	2
			4	2	1	2	1	2	-	-	1	2	1	-	1	2	2
			5	2	1	2	1	2	-	-	1	2	1	-	1	2	1
16	Basic Electrical Engineering	18EEEC01	1	3	3	2	3	3	-	3	3	2	2	2	3	2	3
			2	3	3	2	3	2	-	3	2	2	2	2	3	2	3
			3	3	3	2	1	3	-	2	2	1	3	2	3	2	3
			4	2	3	-	1	3	-	2	2	1	3	1	3	2	3
			5	2	-	-	1	1	-	2	-	-	1	2	3	2	3
			6	2	-	-	1	3	-	2	1	1	2	2	3	2	3
17	Data Structures	18CSC07	1	2	1	1	1	-	-	-	-	-	-	-	1	1	1
			2	2	3	2	2	-	-	-	-	-	-	-	1	1	1
			3	2	1	2	-	-	-	-	-	-	-	-	-	1	1
			4	2	2	1	1	-	-	-	-	-	-	-	-	1	1
			5	2	3	3	-	-	-	-	-	1	-	-	-	1	1
			6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Discrete Mathematics	18CSC08	1	3	2	-	-	-	-	-	-	-	-	-	-	-	
			2	2	1	-	-	-	-	-	-	-	-	-	-		
			3	2	1	-	-	-	-	-	-	-	-	-	-		
			4	2	2	-	-	-	-	-	-	-	-	-	-		
			5	2	1	-	-	-	-	-	-	-	-	-	-		
			6	-	-	-	-	-	-	-	-	-	-	-	-		
19	Digital Electronics & Logic Design	18CSC09	1	1	-	-	-	-	-	-	-	-	-	-	-		
			2	2	1	-	-	-	-	-	-	-	-	-			
			3	2	2	-	1	1	-	-	-	-	1	-	1		
			4	3	3	3	2	2	-	1	1	1	1	1	-	2	
			5	2	2	2	2	2	2	1	1	1	1	1	1	1	
			6	-	-	-	-	-	-	-	-	-	-	-	-		
20	Principles of Management	18MEC09	1	3	2	2	3	-	1	-	1	-	-	-	-		
			2	3	-	2	3	1	-	-	1	-	-	-			
			3	-	2	2	-	-	1	-	-	-	-	-			
			4	-	3	2	-	-	2	-	-	-	-	-			
			5	-	-	2	-	-	2	-	-	-	-	-			
			6	-	-	2	-	-	-	-	-	-	-	-			
21	Basic Electronics	18ECC34	1	3	2	3	3	2	2	2	2	2	2	3	1		
			2	3	3	3	3	2	2	2	2	2	2	2	2		
			3	3	2	2	3	1	2	2	2	2	2	1	1		
			4	3	2	2	3	2	1	2	2	1	1	1	1		
			5	3	3	3	3	1	2	2	2	2	2	2	2		
			6	3	2	3	3	2	2	2	2	2	2	3	1		

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SINo	Course		Program Outcomes (POs)												PSOs			
	Name	Code	Cos	1	2	3	4	5	6	7	8	9	10	11	12	1	2	
22	Probability & Statistics	18MTC09	1	3	3	3	1	-	-	-	-	-	-	-	2	-	-	
			2	2	2	3	2	-	-	-	-	-	-	-	2	-	-	
			3	3	2	3	1	-	-	-	-	-	-	-	-	2	-	-
			4	3	3	3	2	-	-	-	-	-	-	-	-	2	-	-
			5	3	2	2	2	-	-	-	-	-	-	-	-	2	-	-
			6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Computer Architecture and Micro Processors	18CSC12	1	3	2	-	1	-	-	-	-	-	-	-	-	-	-	
			2	-	2	3	1	2	-	-	-	-	2	-	1	2	2	
			3	3	-	1	-	-	-	-	-	1	-	-	1	-	-	
			4	1	3	3	3	2	-	-	-	-	2	1	-	-	-	
			5	2	2	-	-	2	-	1	-	1	3	-	1	-	-	
			6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	Data Base Management Systems	18CSC13	1	1	1	1	-	1	-	-	-	-	-	-	1	2		
			2	1	3	3	-	3	-	-	-	-	-	-	1	2		
			3	2	2	3	2	2	-	-	-	-	-	-	-	1	2	
			4	1	2	2	2	2	-	-	-	-	-	-	-	1	2	
			5	1	2	2	1	2	-	-	-	-	-	-	-	1	2	
			6	1	3	3	2	2	-	-	-	-	-	-	-	1	2	
25	Soft Skills	18EGC03	1	-	-	-	-	-	1	1	2	3	3	2	3	-	1	
			2	-	-	-	-	-	-	-	-	2	1	1	1	-	1	
			3	-	-	-	-	-	-	-	3	2	1	1	3	1	2	
			4	-	-	-	-	-	1	1	3	3	2	2	2	-	2	
			5	1	1	1	1	1	1	-	1	3	3	2	2	2	3	
			6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
26	Data Structures Lab	18CSC10	1	2	1	1	1	-	-	-	-	-	-	-	2	1		
			2	2	1	1	1	-	-	-	-	-	-	-	2	1		
			3	2	1	1	1	-	-	-	-	-	-	-	2	1		
			4	1	2	2	1	-	-	-	-	-	-	-	2	1		
			5	2	3	3	1	1	-	-	1	1	1	1	2	2	1	
			6	-	-	-	-	-	-	-	-	-	-	-	-	-		
27	Basic Electrical Engineering Lab	18EEC02	1	3	3	2	3	3	-	3	-	1	2	2	3	2	3	
			2	3	3	2	3	2	-	3	-	1	2	2	3	2	3	
			3	3	3	2	1	3	-	2	-	1	2	2	3	2	3	
			4	2	3	-	1	3	-	2	-	1	2	1	3	2	3	
			5	2	-	-	1	1	2	2	1	1	1	2	3	2	3	
			6	2	-	-	1	3	1	2	1	1	1	2	3	2	3	
28	Digital Electronics and Logic Design Lab	18CSC11	1	1	1	1	-	-	-	-	-	-	-	-	-	-		
			2	2	1	-	-	-	-	-	-	-	-	-	-	-		
			3	2	2	2	1	1	-	-	-	-	1	-	-	1	1	
			4	3	3	3	2	2	-	1	1	1	1	1	-	2	1	
			5	2	2	2	2	2	1	-	1	1	1	1	1	1	1	
			6	-	-	-	-	-	-	-	-	-	-	-	-	-		

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SINo	Course		Program Outcomes (POs)												PSOs					
	Name	Code	Cos	1	2	3	4	5	6	7	8	9	10	11	12	1	2			
29	Database Management System Lab	18CSC15	1	2	3	2	-	2	-	-	-	-	-	-	-	-	1	2		
			2	2	3	3	-	2	-	-	-	-	-	-	-	-	-	1	2	
			3	-	2	3	-	1	-	-	-	-	-	-	-	-	-	-	1	2
			4	2	3	3	-	2	-	-	-	-	-	-	-	-	-	-	1	2
			5	1	2	3	-	3	-	-	-	-	-	-	-	-	-	-	1	2
			6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Computer Architecture and Microprocessor Lab	18CSC14	1	2	1	2	2	1	-	-	-	-	1	1	2	2	2	2		
			2	3	3	3	3	3	-	-	-	-	3	2	1	2	3	2	2	
			3	2	3	2	3	3	-	-	-	-	-	3	1	2	2	2	2	
			4	3	3	3	3	3	3	-	-	-	2	2	1	2	2	2	2	
			5	3	2	2	2	2	2	2	-	-	2	3	1	2	3	1	1	
			6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Basic Electronics Lab	18ECC35	1	2	2	2	2	2	2	2	2	2	2	3	1	1	-	-		
			2	2	3	1	2	2	2	2	2	2	2	2	2	2	1	-	-	
			3	2	2	2	2	1	2	2	2	2	2	2	1	1	-	-	-	
			4	2	1	3	1	2	1	2	2	2	1	1	1	1	1	1	-	-
			5	2	2	2	1	1	2	2	2	2	2	2	2	2	2	1	1	1
			6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	IT Workshop	18CSC16	1	1	-	1	-	2	-	2	-	2	2	3	3	2	2	2		
			2	1	-	1	-	1	-	-	-	-	-	1	1	2	1	2	2	
			3	-	-	1	-	-	-	-	-	-	2	3	2	3	2	2	2	
			4	-	-	-	-	-	-	-	-	-	1	3	1	2	1	2	2	
			5	2	1	-	2	2	-	-	-	-	-	1	3	2	2	2	2	
			6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	Formal Languages & Automata Theory	18CSC17	1	2	3	-	1	-	-	-	-	-	-	-	-	2	-	-		
			2	3	2	1	2	-	-	-	-	-	-	-	-	1	-	-	-	
			3	3	2	1	1	-	-	-	-	-	-	-	-	1	1	-	-	
			4	3	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-	
			5	3	2	1	2	2	-	-	-	-	-	-	-	2	1	-	-	
			6	3	3	1	2	-	-	-	-	-	-	-	-	2	-	-	-	-
34	Operating Systems	18CSC18	1	3	-	1	2	-	-	-	-	-	1	-	-	2	3	3		
			2	3	2	2	2	1	-	-	-	-	1	-	-	3	3	3	3	
			3	3	3	3	2	2	1	-	-	1	2	1	1	2	3	3	3	
			4	3	3	3	2	2	1	-	-	1	2	1	1	2	3	3	3	
			5	3	3	3	3	3	3	2	2	2	2	2	2	2	3	3	3	3
			6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Design and Analysis of Algorithms	18CSC19	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			2	3	3	2	-	-	-	-	-	-	-	-	-	-	1	1	1	
			3	2	2	2	-	-	-	-	-	-	-	-	-	-	1	1	1	
			4	2	2	1	-	-	-	-	-	-	-	-	-	-	1	1	1	1
			5	2	2	1	-	-	-	-	-	-	-	-	-	-	1	1	1	1
			6	2	3	1	-	-	-	-	-	-	-	-	-	-	1	1	1	1

  
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SINo	Course		Program Outcomes (POs)												PSOs				
	Name	Code	Cos	1	2	3	4	5	6	7	8	9	10	11	12	1	2		
36	Web and Internet Technologies	18CSE01	1	3	2	2	2	-	-	-	-	-	-	-	-2	1	1	2	
			2	2	1	2	1	-	-	-	-	-	-	-	-	-	1	2	
			3	2	-	-	2	-	-	-	-	-	-	-	-	-	-	1	2
			4	2	-	-	2	-	2	-	-	-	-	-	-	-	-	1	2
			5	1	1	1	-	-	-	-	-	-	-	-	-	2	3	1	2
			6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Mobile Application Development	18CSE04	1	2	2	1	2	1	-	-	-	-	-	-	1	1	2	2	
			2	1	2	2	2	3	-	-	-	1	-	-	1	2	3	3	
			3	2	2	1	2	2	-	-	-	1	-	-	1	2	2	2	
			4	2	2	1	2	3	-	-	-	1	-	-	1	2	3	3	
			5	2	2	1	2	1	-	-	-	-	-	-	-	2	2	2	2
			6	2	2	2	2	3	-	-	-	1	-	1	2	3	2	2	
38	Number Theory and Cryptography	18MTO03	1	3	2	1	-	-	-	-	-	-	-	-	-	1	1	-	
			2	2	2	2	-	-	-	-	-	-	-	-	-	1	1	-	
			3	2	2	3	-	-	-	-	-	-	-	-	-	1	1	-	
			4	2	2	2	-	-	-	-	-	-	-	-	-	1	1	-	
			5	2	2	2	-	-	-	-	-	-	-	-	-	1	1	-	
			6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39	Decision Theory	18MTO05	1	2	2	2	-	-	-	-	-	-	-	-	2	-	2	-	
			2	2	2	2	-	-	-	-	-	-	-	-	2	-	2	-	
			3	2	2	2	-	-	-	-	-	-	-	-	2	-	2	-	
			4	2	2	2	-	-	-	-	-	-	-	-	-	2	-	2	-
			5	2	2	2	-	-	-	-	-	-	-	-	-	2	-	2	-
			6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	Operating Systems Lab	18CSC20	1	3	3	3	3	2	1	-	2	2	2	2	3	3	3	3	
			2	3	3	3	3	2	-	-	-	-	-	-	1	3	3	3	
			3	3	3	3	3	2	-	-	-	-	-	-	1	3	3	3	
			4	3	3	3	3	2	2	-	2	2	2	2	2	2	3	3	3
			5	3	3	3	3	3	2	2	2	2	2	2	2	2	3	3	3
			6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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SINo	Course		Program Outcomes (POs)												PSOs			
	Name	Code	Cos	1	2	3	4	5	6	7	8	9	10	11	12	1	2	
41	Design and Analysis of Algorithms Lab	18CSC21	1	2	1	1	1	1	-	-	-	-	-	-	-	1	1	
			2	2	2	1	2	1	-	-	-	-	-	-	-	1	1	
			3	2	3	1	1	3	-	-	-	-	-	-	-	-	1	1
			4	2	2	1	1	3	-	-	-	-	-	-	-	-	1	1
			5	2	2	1	-	2	-	-	-	-	-	-	-	-	1	1
			6	2	3	2	3	3	-	-	-	-	-	-	-	-	1	1
42	Mini Project	18CSC22	1	3	-	-	-	-	-	-	-	-	-	2	2	2	2	
			2	2	2	3	-	-	-	-	2	-	-	2	-	-	-	
			3	2	-	-	3	2	-	-	1	-	-	-	-	-	-	-
			4	-	-	-	-	-	-	-	1	3	-	-	-	-	-	-
			5	2	-	-	3	2	2	2	-	-	-	-	-	-	-	-
			6	2	-	-	-	2	-	-	2	-	3	-	-	-	-	-
43	Web and Internet Technologies Lab	18CSE05	1	2	2	1	-	-	-	-	-	-	-	-	-	1	2	
			2	2	2	1	-	1	-	-	-	-	-	-	-	1	2	
			3	2	2	1	-	1	-	-	-	-	-	-	-	1	2	
			4	2	3	1	1	2	-	-	-	-	-	2	2	1	2	
			5	2	3	1	1	2	-	-	-	-	-	2	2	1	2	
			6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Mobile Application Development Lab	18CSE08	1	2	2	1	2	1	-	-	-	-	-	1	1	2	1	
			2	2	2	1	2	1	-	-	-	-	-	2	2	3		
			3	1	2	2	2	2	-	-	-	1	-	1	2	2		
			4	1	2	2	2	3	-	-	-	1	-	1	2	3		
			5	2	2	1	2	3	-	-	-	1	-	1	2	3		
			6	2	2	1	2	2	-	-	-	1	-	1	2	2		
45	Data Communications & Computer Network	18CSC23	1	1	-	1	-	3	-	-	-	-	-	-	-	-	-	
			2	2	-	1	-	3	-	-	-	-	-	-	-	-	-	
			3	2	-	-	2	-	-	-	-	-	-	-	-	-	-	
			4	2	2	3	1	2	-	-	-	-	-	-	-	-	2	
			5	1	2	-	1	1	-	-	-	-	-	-	-	-	2	
			6	1	3	-	2	2	-	-	-	-	-	-	-	-	2	
46	Software Engineering	18CSC24	1	3	2	1	-	1	1	-	1	1	1	1	2	1	-	
			2	2	1	1	1	1	1	-	1	3	2	2	1	1	-	
			3	2	2	1	-	1	-	-	-	-	2	2	1	2	1	
			4	2	2	3	3	2	1	-	1	2	2	2	3	3	1	
			5	2	3	3	2	1	-	-	1	2	2	2	2	1	-	
			6	1	1	2	3	1	-	-	2	2	2	2	2	1	-	
47	Artificial Intelligence	18CSC25	1	2	3	2	2	-	-	-	-	-	-	3	3	-		
			2	3	3	2	2	-	-	-	-	-	-	3	3	-		
			3	3	3	2	1	-	-	-	-	-	-	3	3	-		
			4	3	3	2	3	-	-	-	-	-	-	3	3	2		
			5	3	3	2	3	-	3	-	-	-	-	3	3	2		
			6	3	3	2	2	-	-	-	-	-	-	3	3	2		

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SINo	Course		Program Outcomes (POs)												PSOs					
	Name	Code	Cos	1	2	3	4	5	6	7	8	9	10	11	12	1	2			
48	Engineering Economics and Accountancy	18MBC01	1	1	1	3	1	1	1	1	1	1	1	1	-	-	-	1		
			2	2	2	2	2	-	1	1	1	1	1	1	-	-	-	-	1	
			3	1	2	1	2	2	-	2	1	1	1	1	1	-	1	1	1	-
			4	2	2	1	2	2	1	1	3	-	1	1	1	-	-	-	1	-
			5	1	3	1	2	1	1	1	2	-	-	1	2	1	-	-	1	-
			6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
49	Cloud Computing	18CSE11	1	2	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
			2	3	2	1	2	-	-	-	-	-	-	-	-	-	2	-	-	-
			3	3	2	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-
			4	3	3	1	2	-	-	-	-	-	-	-	-	-	1	1	-	-
			5	3	2	1	2	2	-	-	-	-	-	-	-	-	2	1	-	-
			6	3	3	1	2	-	-	-	-	-	-	-	-	-	2	1	-	-
50	Soft Computing	18CSE13	1	2	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	
			2	2	2	1	2	1	-	2	-	1	1	-	-	-	2	3	-	-
			3	3	1	-	1	1	-	3	-	-	-	-	-	-	3	2	-	-
			4	1	-	-	-	-	-	3	-	-	-	-	-	-	2	2	-	-
			5	2	1	1	1	1	-	-	-	1	1	-	-	-	2	2	-	-
			6	2	2	-	1	1	-	-	-	1	1	1	1	1	3	-	-	-
51	Free and Open-Source Software	18CSE16	1	3	2	2	2	3	2	1	2	-	-	2	2	-	3	-	-	
			2	3	3	2	2	3	2	1	2	-	-	3	2	-	3	-	-	
			3	3	2	3	3	3	2	2	1	-	-	2	2	-	3	-	-	
			4	3	2	2	2	2	-	1	2	-	-	2	2	-	3	-	-	
			5	3	2	3	2	3	1	1	2	-	1	2	3	-	3	-	-	
			6	3	3	2	2	2	2	2	3	-	2	2	2	2	3	-	-	
52	Data Communication and Computer Networks Lab	18CSC26	1	1	-	1	-	3	-	-	-	-	-	-	-	-	-	-		
			2	2	-	1	-	3	-	-	-	-	-	-	-	-	-	-		
			3	2	-	-	2	-	-	-	-	-	-	-	-	-	-	-		
			4	2	2	3	1	2	-	-	-	-	-	-	-	-	-	-		
			5	1	2	-	1	1	-	-	-	-	-	-	-	-	-	2		
			6	1	3	-	2	2	-	-	-	-	-	-	-	-	-	2		
53	Case Study Lab	18CSC27	1	3	3	3	2	3	-	-	2	3	2	2	2	2	2	3		
			2	3	3	3	3	3	-	-	2	2	2	2	2	2	2	2		
			3	3	3	3	3	2	-	-	2	2	1	1	2	3	2	2		
			4	3	3	3	2	3	-	-	2	1	1	1	2	2	3	2		
			5	-	-	-	-	1	-	-	-	3	3	2	2	-	-	-		
			6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
54	Basics of Biology	18BTO01	1	2	1	1	1	-	-	1	-	1	-	-	3	-	-			
			2	2	2	3	1	1	2	3	3	1	1	2	3	2	-			
			3	3	1	3	1	3	3	3	3	1	1	2	3	2	-			
			4	3	1	3	1	3	3	3	3	1	1	2	3	2	-			
			5	2	1	3	1	1	3	3	2	1	1	2	3	1	-			
			6	3	1	3	2	3	3	3	3	1	1	2	3	2	2			

Professor and Head Department  
 Department of Computer Science & Engineering  
 Head, Dept. of CSE, CBIT(A)



SINo	Course		Program Outcomes (POs)												PSOs				
	Name	Code	Cos	1	2	3	4	5	6	7	8	9	10	11	12	1	2		
55	Compiler Design	18CSC28	1	3	3	-	1	-	-	-	-	-	-	-	-	3	1	-	
			2	2	2	1	2	3	-	-	-	-	-	-	-	3	1	-	
			3	3	2	1	1	-	-	-	-	-	-	-	-	-	-	-	3
			4	3	3	1	2	-	-	-	-	-	-	-	-	-	1	-	-
			5	3	2	1	1	2	-	-	-	-	-	-	-	-	1	-	-
			6	3	3	1	2	-	-	-	-	-	-	-	-	-	2	-	-
56	Data Science and Big Data Analytics	18CSE17	1	2	1	-	-	-	1	-	-	-	-	-	-	2	-	-	
			2	3	2	2	2	2	1	-	-	2	1	1	2	3	2	3	
			3	3	2	2	3	3	1	-	-	2	1	1	3	3	3	3	
			4	1	-	-	-	3	-	-	-	-	-	-	-	-	1	3	3
			5	1	-	2	1	3	-	-	-	-	-	-	1	1	2	3	3
			6	2	2	-	-	2	-	-	-	-	-	-	-	-	1	3	3
57	Machine Learning	18CSE18	1	3	3	3	1	3	-	-	-	-	-	-	-	3	3	3	
			2	3	3	3	1	3	-	-	-	-	-	-	-	3	3	3	
			3	3	3	3	1	3	-	-	-	-	-	-	-	3	3	3	
			4	3	3	3	1	3	-	-	-	-	-	-	-	3	3	3	
			5	3	3	3	1	3	3	-	-	-	-	-	-	3	3	3	
			6	3	3	3	1	3	3	-	-	-	-	-	-	3	3	3	
58	Cyber Security	18CSE20	1	2	1	2	2	1	2	-	-	-	1	1	2	2	2	2	
			2	3	3	3	3	3	2	-	-	-	1	1	2	3	2	2	
			3	2	3	2	3	3	2	-	-	-	1	1	2	2	2	2	
			4	3	3	3	3	3	3	-	-	-	2	1	2	2	2	2	
			5	3	2	2	2	2	2	-	-	1	1	1	2	3	1	1	
			6	3	2	2	2	1	2	-	-	1	1	1	2	2	1	1	
59	Human Computer Interaction	18CSE22	1	3	-	1	-	-	-	-	-	-	1	-	1	-	-	-	
			2	3	-	-	-	1	-	-	-	-	1	-	1	2	2	-	
			3	3	1	1	1	2	2	-	-	-	1	-	1	-	-	-	
			4	3	-	3	1	2	2	2	-	2	2	-	1	2	2	2	
			5	3	3	3	3	3	2	1	3	2	3	-	2	3	3	3	
			6	3	3	3	3	3	2	1	3	2	2	-	2	3	3	3	
60	Neural Networks and Deep Learning	18CSE23	1	3	2	3	2	-	-	-	-	-	-	-	-	2	2	2	
			2	3	3	3	3	2	-	-	2	2	-	2	2	3	2	2	
			3	3	3	3	3	3	-	-	1	2	-	2	2	3	2	2	
			4	2	3	2	2	-	-	-	-	-	-	-	-	2	2	2	
			5	3	3	3	3	3	-	-	2	3	-	2	2	3	2	2	
			6																
61	DevOps	18CSE24	1	1	1	3	2	2	2	1	2	2	2	2	1	3	2	2	
			2	2	2	3	2	2	1	1	2	3	2	2	1	2	-	-	
			3	1	1	3	2	3	2	-	2	2	2	1	1	3	2	2	
			4	2	2	2	3	3	1	-	2	3	2	1	-	2	-	-	
			5	1	2	2	2	3	2	1	2	2	2	2	1	2	2	2	
			6	2	2	3	3	3	1	2	2	2	2	2	1	2	2	2	

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SINo	Course		Program Outcomes (POs)												PSOs			
	Name	Code	Cos	1	2	3	4	5	6	7	8	9	10	11	12	1	2	
62	Disaster Mitigation and Management	18CEO02	1	2	1	1	2	2	2	2	1	2	2	2	1	1	1	
			2	1	1	2	2	2	3	3	1	2	1	1	1	1	1	
			3	2	2	2	2	2	2	3	2	1	1	2	1	1	-	
			4	2	2	2	2	3	2	1	1	1	1	1	1	1	-	
			5	2	1	2	1	2	3	1	2	2	2	2	2	1	1	1
			6															
63	Technical Writing Skills	18EGO01	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			3	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
			4	-	-	2	-	-	2	2	2	2	-	2	2	-	2	2
			5	-	-	-	-	-	2	2	2	2	-	2	2	-	2	2
			6															
64	Compiler Design Lab	18CSC29	1	3	2	-	1	-	-	-	-	-	-	-	3	1	-	
			2	2	2	1	2	3	-	-	-	-	-	-	-	2	3	
			3	2	2	1	1	-	-	-	-	-	-	-	1	2	-	
			4	3	3	1	2	-	-	-	-	-	-	-	1	3	2	
			5	3	2	1	1	3	-	-	-	-	-	-	2	-	3	
			6	-	-	-	-	-	-	-	-	-	-	-	2	-	3	
65	Project: PART-1	18CSC30	1	2	2	-	-	-	-	-	-	-	-	-	-	-	-	
			2	2	3	2	-	-	-	-	-	-	-	-	-	2	-	
			3	2	2	-	-	-	-	-	-	-	2	-	-	2	-	
			4	2	3	-	-	2	-	-	-	-	-	-	-	-	2	
			5	2	-	-	3	2	-	-	-	2	-	-	-	-	2	
			6	-	-	-	-	1	-	-	-	2	3	-	-	-	2	
66	Data Science and Big Data Analytics Lab	18CSE26	1	3	1	2	2	2	1	-	-	2	1	1	2	1	2	
			2	3	1	2	2	2	1	-	-	2	1	1	2	1	2	
			3	3	1	1	-	-	2	-	-	-	-	-	1	-	-	
			4	3	3	2	2	3	-	-	-	-	-	1	2	3	3	
			5	3	3	2	2	3	-	-	-	-	-	1	2	3	3	
			6											1	2	3	3	
67	Machine Learning Lab	18CSE27	1	3	2	-	2	-	-	-	-	-	-	-	1	2	2	
			2	3	2	-	3	2	-	-	-	-	-	-	2	2	2	
			3	3	3	1	3	2	-	-	-	-	-	-	2	3	3	
			4	3	3	1	3	3	-	-	-	-	-	-	2	3	3	
			5	3	3	1	3	3	-	-	-	-	-	-	2	3	3	
			6	3	3	3	3	3	-	-	-	-	-	-	2	3	3	
68	Cyber Security Lab	18CSE29	1	2	2	-	2	3	1	-	1	3	3	-	2	3	3	
			2	2	3	1	3	3	1	-	1	2	2	1	2	3	3	
			3	2	2	2	3	3	1	-	1	2	2	1	2	3	3	
			4	2	2	2	3	3	2	-	1	2	2	-	2	3	3	
			5	2	3	3	2	2	2	-	1	1	1	1	2	3	3	
			6															

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SINo	Course		Program Outcomes (POs)												PSOs						
	Name	Code	Cos	1	2	3	4	5	6	7	8	9	10	11	12	1	2				
69	Speech and Natural Language Processing	18CSE31	1	3	3	3	-	1	-	-	-	-	-	-	-	-	3	-			
			2	3	3	2	1	2	3	-	-	-	-	-	-	-	-	1	1		
			3	3	3	2	1	1	-	-	-	-	-	-	-	-	-	-	1	-	
			4	3	3	3	1	2	-	-	-	-	-	-	-	-	-	-	1	-	
			5	3	3	2	1	2	2	-	-	-	-	-	-	-	-	-	2	-	
			6	3	3	3	1	2	-	-	-	-	-	-	-	-	-	-	2	-	
70	Blockchain Technology	18CSE33	1	3	3	2	1	-	-	-	-	-	-	-	-	-	2	-	1		
			2	2	2	2	1	-	-	-	-	-	-	-	-	-	-	-	2	-	
			3	3	3	2	2	1	-	-	-	-	-	-	-	-	-	-	-	2	-
			4	3	2	2	2	1	-	-	-	-	-	-	-	-	-	-	-	2	-
			5	3	2	1	1	-	2	1	-	-	-	-	-	-	1	2	2	2	-
			6																		
71	Entrepreneurship	18MEO04	1	1	-	1	1	2	2	2	2	2	2	2	2	1	-	1	-		
			2	1	1	1	1	1	2	1	1	2	2	2	2	1	-	1	-	1	-
			3	1	1	1	1	1	1	2	1	1	2	2	2	1	-	1	-	1	-
			4	2	3	1	2	2	-	-	-	1	1	3	2	-	-	-	-	-	-
			5	-	-	-	-	1	-	1	2	2	1	2	2	-	-	-	-	-	-
			6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
72	Technical Seminar	18CSC31	1	2	2	-	-	-	2	-	-	-	-	-	-	-	-	-	-		
			2	2	-	-	-	-	2	-	-	-	-	-	-	2	2	2	-	-	
			3	2	-	-	-	-	-	-	2	-	2	-	-	2	3	3	-	-	
			4	-	-	-	-	1	-	-	2	-	3	-	-	-	-	-	-	-	
			5	-	-	-	-	1	-	-	2	-	3	-	-	-	-	-	-	-	
			6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
73	Projects-PART-2	18CSC32	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			2	2	-	3	-	-	-	-	-	-	-	-	-	-	2	2	-	-	
			3	2	-	-	3	-	-	-	-	-	-	-	-	-	-	2	2	-	-
			4	2	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	3	-
			5	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	1
			6	2	2	-	-	2	2	-	1	3	-	2	2	-	-	-	-	-	-
74	Environmental Science	18CEM01	1	1	-	-	-	-	3	-	-	-	-	-	1	1	-	-	-		
			2	1	-	-	-	-	2	1	-	-	-	-	1	1	-	-	-		
			3	1	-	-	-	1	2	1	-	-	-	-	1	1	-	-	-		
			4	1	-	-	-	1	2	1	-	-	-	-	1	-	-	-	-		
			5	1	-	-	-	1	2	1	-	-	-	-	1	2	-	-	-		
75	Indian Constitution and Fundamental Principles	18EGM01	1	-	1	2	-	-	3	1	2	1	-	-	-	-	-	-	-		
			2	-	2	1	-	-	3	2	1	1	-	-	-	-	-	-	-		
			3	-	1	1	-	-	1	1	1	-	-	-	-	-	-	-	-		
			4	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-		
			5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			6	-	2	2	2	-	3	2	2	1	-	-	-	-	-	-	-		

Head, Dept. of CSE, CBIT(A)  
 Professor and Head, Department  
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 EDUCATION

**45**  
 Years

## Department of Computer Science and Engineering

SINO	Course	Name	Code	Program Outcomes(Pos)												Program Specific Outcomes (PSOs)		
				1	2	3	4	5	6	7	8	9	10	11	12	1	2	
1	Mathematics-I		18MT C01	2.67	2.17	2.00	1.83	-	-	-	-	-	-	-	-	2.17	-	-
2	Chemistry		18CY C01	3.00	2	2.4	-	-	2	2	-	-	-	-	-	2	-	-
3	Engineering Mechanics		18CEC01	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Engineering Graphics & Design		18MEC01	3	2.6	2.2	1.2	2	2	-	1	2	2.2	1	2.2	1.6	1.6	
5	Programming for Problem solving		18CS C01	3.00	2.40	2.67	1.00	1.00	1.00	-	-	-	-	-	-	1.00	1.00	1.00
6	Programming for Problem Solving Lab		18CS C02	3.00	2.40	3.00	1.00	1.00	1.00	-	-	-	-	-	-	1.00	1.00	1.00
7	Chemistry Lab		18CY C02	3.00	2.00	2.20	-	-	1.80	2.00	-	-	-	-	-	1.00	1.00	1.00
8	Mathematics-II		18MTC03	2.50	2.33	2.67	2.50	-	-	-	-	-	-	-	-	2.00	-	-
9	Optics and Semiconductor Physics		18PYC01	2.8	1.6	1.6	1.4	1.6	1.6	1.8	1.2	1.2	2	1.2	2	2	1.2	1.2
10	Optics and Semiconductor Physics Lab		18PYC02	3	2.6	2.4	2.6	2	1.6	1.67	3	3	~	1	2.4	~	~	~
11	Object Oriented Programming		18CSC03	2.20	1.40	1.50	1.25	1.33	-	-	-	-	-	-	-	1.25	2.00	2.20
12	Object Oriented Programming Lab		18CSC04	-	1	1	1.25	1.50	-	-	-	-	-	-	-	-	2.4	2.2
13	English		18EGC01	-	-	2	2	2	2.00	2	-	-	-	-	-	-	2.4	2.2
14	English Lab		18EGC02	1.00	1.00	-	1.00	-	1.00	1.33	1.25	1.67	2.00	1.25	-	-	-	-
15	Workshop / Manufacturing Practice		18MEC02	2.2	1.6	1.6	1	1.8	-	-	2	1.6	-	1	2.4	1.8	1.8	
16	Basic Electrical Engineering		18EEC01	2.50	2.00	1.00	1.67	2.50	0.00	2.33	1.67	1.17	2.17	1.83	3.00	2.00	3.00	
17	Data Structures		18CSC07	2.00	2.00	1.80	1.33	-	-	-	-	1.00	-	-	1.00	1.00	1.00	
18	Discrete Mathematics		18CSC08	2.20	1.40	-	-	-	-	-	-	-	-	-	-	-	-	
19	Digital Electronics & Logic Design		18CSC09	2.00	2.00	2.50	1.67	1.67	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.33	2.00	
20	Principles of Management		18MEC09	3.00	2.33	2.00	3.00	1.00	1.50	-	1.00	-	-	-	-	-	-	
21	Environmental Science		18CEM01	1.00	-	-	-	-	1.00	2.20	1.00	-	-	-	1.00	1.25	-	

**Professor and Head Department**  
**Department of Computer Science & Engineering**  
**Head, Dept. of CSE (CBIT(A) PGY (A))**  
 Chaitanya Bharathi Institute of Technology  
 Koraddi, Hyderabad-500075 (T.S.)

SINO	Course	Code	Program Outcomes(Pos)												Program Specific Outcomes (PSOs)	
			1	2	3	4	5	6	7	8	9	10	11	12	1	2
22	Basic Electronics	18ECC34	3.00	2.33	2.67	3.00	1.67	1.83	2.00	2.00	1.83	1.83	2.00	1.33	1.00	1.00
23	Probability & Statistics	18MTC09	2.80	2.40	2.80	1.60	-	-	-	-	-	-	-	2.00	-	-
24	Computer Architecture and Micro Processors	18CSC12	2.25	2.25	2.33	1.67	2.00	-	1.00	-	2.33	1.00	1.00	2.00	2.00	2.00
25	Data Base Management Systems	18CSC13	1.20	2.00	2.20	1.67	2.00	-	-	-	-	-	-	1.00	2.00	2.00
26	Indian Constitution and Fundamental Principles	18EGM01	-	1.50	1.50	2.00	-	2.50	1.40	1.50	1.00	-	-	-	1.00	2.00
27	Data Structures Lab	18CSC10	1.80	1.60	1.60	1.00	1.00	-	-	1.00	1.00	1.00	1.00	2.00	2.00	1.00
28	BEE Lab	18EEC02	2.50	3.00	2.00	1.67	2.50	1.50	2.33	1.00	1.00	1.67	1.83	3.00	2.00	3.00
29	DELD Lab	18CSC11	2.00	1.80	2.00	1.67	1.67	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.33	1.00
30	DBMS Lab	18CSC15	1.75	2.60	2.80	-	2.00	-	-	-	-	-	-	-	1.00	2.00
31	CAMP Lab	18CSC14	2.60	2.40	2.40	2.60	2.40	2.50	-	2.33	2.20	1.00	2.00	2.00	2.40	1.80
32	Basic Electronics Lab	18ECC35	2.00	2.00	2.00	1.60	1.60	1.80	2.00	2.00	1.80	1.80	1.40	1.00	1.00	1.00
33	Soft Skills	18EGC03	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.25	2.60	2.00	1.60	2.20	1.50	1.25
34	IT Workshop	18CSC16	1.33	1.00	1.00	2.00	1.67	-	2.00	-	1.67	2.00	2.40	1.60	2.00	2.00
35	Formal Languages & Automata Theory	18CSC17	2.83	2.50	1.00	1.67	2.00	-	-	-	-	-	1.50	1.00	-	-
36	Operating Systems	18CSC18	3.00	2.75	2.40	2.20	2.00	1.33	2.00	1.33	1.33	2.40	3.00	3.00	3.00	3.00
37	Design and Analysis of Algorithms	18CSC19	2.20	2.40	1.40	-	-	-	-	-	-	-	1.00	1.00	1.00	1.00
38	Web and Internet Technologies	18CSE01	2.00	1.33	1.67	1.75	-	2.00	-	-	-	-	0.33	1.67	1.00	2.00
39	Mobile Application Development	18CSE04	1.83	2.00	1.33	2.00	2.17	-	-	1.00	-	1.00	1.33	2.17	2.33	2.33
40	Number Theory and Cryptography	18MTO03	2.20	2.00	2.00	-	-	-	-	-	-	-	-	1.00	1.00	-
41	Decision Theory	18MTO05	2.00	2.00	2.00	-	-	-	-	-	-	-	1.00	1.00	-	-
42	Operating Systems Lab	18CSC20	3.00	3.00	3.00	3.00	2.20	1.67	2.00	2.00	2.00	2.00	2.00	3.00	3.00	3.00
43	Design and Analysis of Algorithms Lab	18CSC21	2.00	2.17	1.17	1.60	2.17	-	-	-	-	-	-	1.00	1.00	1.00
44	Mini Project	18CSC22	2.20	2.00	3.00	3.00	2.00	2.00	2.00	1.50	3.00	3.00	2.00	2.00	2.00	2.00
45	Web and Internet Technologies Lab	18CSE05	2.00	2.40	1.00	1.00	1.50	-	-	-	-	-	2.00	2.00	1.00	2.00
46	Mobile Application Development Lab	18CSE08	1.67	2.00	1.33	2.00	2.00	-	-	-	-	-	1.00	1.00	2.00	2.00
47	Data Communications & Computer Network	18CSC23	1.67	1.75	1.80	2.50	2.00	2.00	-	1.00	-	-	-	1.00	1.00	1.00

Professor and Head Department

Department of Computer Science & Engineering

Peethanya Bharathi Institute of Technology

Head, Dept. of CSE CBIT(A) 075.(T)

SINO	Course Name	Code	Program Outcomes(Pos)												Program Specific Outcomes (PSOs)	
			1	2	3	4	5	6	7	8	9	10	11	12	1	2
48	Software Engineering	18CSC24	2.00	1.83	1.83	2.25	1.17	1.00	-	1.20	2.00	1.83	1.83	1.83	1.50	1.00
49	Artificial Intelligence	18CSC25	2.83	3.00	2.00	2.17	-	3.00	-	-	-	-	-	-	3.00	3.00
50	Engineering Economics and Accountancy	18MBC01	1.40	2.00	1.60	1.80	1.50	1.00	1.40	1.50	1.00	1.00	2.00	1.00	1.00	1.00
51	Cloud Computing	18CSE11	2.83	2.50	1.00	1.67	2.00	-	-	-	-	-	-	1.50	1.00	-
52	Soft Computing	18CSE13	2.00	1.50	1.00	1.25	1.00	-	2.25	-	1.00	1.00	1.00	1.00	2.40	2.25
53	Free and Open-Source Software	18CSE16	3.00	2.33	2.33	2.17	2.67	1.80	1.33	2.00	-	1.50	2.17	2.17	-	3.00
54	Data Communication and Computer Networks Lab	18CSC26	1.50	2.33	1.67	1.50	2.20	-	-	-	-	-	-	-	-	2.00
55	Case Study Lab	18CSC27	3.00	3.00	3.00	2.50	2.40	-	-	2.00	2.20	1.80	1.60	2.00	2.25	2.50
56	Basics of Biology	18BTO01	2.50	1.17	2.67	1.17	2.20	2.80	2.67	2.80	1.00	1.00	2.00	3.00	1.80	2.00
57	Compiler Design	18CSC28	2.83	2.50	1.00	1.50	2.50	-	-	-	-	-	-	1.80	1.00	3.00
58	Data Science and Big Data Analytics	18CSE17	2.00	1.75	2.00	2.00	2.60	1.00	-	2.00	1.00	1.00	1.00	1.75	2.00	2.80
59	Machine Learning	18CSE18	3.00	3.00	3.00	1.00	3.00	3.00	-	-	-	-	-	-	3.00	3.00
60	Cyber Security	18CSE20	2.67	2.33	2.33	2.50	2.17	2.17	-	-	1.00	1.17	1.00	2.00	2.33	1.67
61	Human Computer Interaction	18CSE22	3.00	2.33	2.20	2.00	2.20	2.00	1.33	3.00	2.00	1.67	-	1.33	2.50	2.50
62	Neural Networks and Deep Learning	18CSE23	2.80	2.80	2.80	2.60	2.67	-	-	1.67	2.33	-	2.00	2.00	2.60	2.00
63	DevOps	18CSE24	1.50	1.67	2.67	2.33	2.67	1.50	1.25	2.00	2.33	2.00	1.50	1.00	2.33	2.00
64	Disaster Mitigation and Management	18CEO02	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
65	Technical Writing Skills	18EGO01	-	-	2.00	-	-	2.00	2.00	2.00	-	-	2.00	2.00	-	2.00
66	Compiler Design Lab	18CSC29	2.60	2.20	1.00	1.40	3.00	-	-	-	-	-	-	1.75	2.00	2.67
67	Project: PART-1	18CSC30	2.00	2.50	2.00	3.00	1.67	-	-	2.00	2.50	-	-	2.00	2.00	2.00
68	Data Science and Big Data Analytics Lab	18CSE26	3.00	1.80	1.80	2.00	2.50	1.33	-	-	2.00	1.00	1.00	1.80	2.00	2.50
69	Machine Learning Lab	18CSE27	3.00	2.67	1.50	2.83	2.60	-	-	-	-	-	-	1.83	2.67	2.67
70	Cyber Security Lab	18CSE29	2.00	2.40	2.00	2.60	2.80	1.40	-	1.00	2.00	2.00	1.00	2.00	3.00	3.00
71	Speech and Natural Language Processing	18CSE31	3.00	3.00	2.50	1.00	1.67	2.50	-	-	-	-	-	-	1.67	1.00
72	Blockchain Technology	18CSE33	2.80	2.40	1.80	1.40	1.00	2.00	1.00	-	-	-	-	-	1.50	2.00
73	Entrepreneurship	18MEO04	1.25	1.67	1.00	1.25	1.40	1.67	1.50	1.50	1.60	1.60	2.20	1.40	-	1.00

Professor and Head Department  
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Head, Dept. of CSE, CBIT(A)  
Campus, Hyderabad-500 075 (T.S.)

SINO	Course Name	Code	Program Outcomes(Pos)												Program Specific Outcomes (PSOs)	
			1	2	3	4	5	6	7	8	9	10	11	12	1	2
74	Technical Seminar	18CSC31	2.00	2.00	-	-	1.00	2.00	-	2.00	-	2.67	-	2.00	2.50	2.50
75	Projects-PART-2	18CSC32	2.20	2.00	3.00	3.00	2.50	2.00	-	1.00	3.00	3.00	2.00	2.00	2.00	2.00
		Average of all Pos/PSOs	2.32	2.10	1.96	1.85	1.93	1.77	1.73	1.58	1.70	1.74	1.49	1.74	1.76	1.91

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COMMITTED TO  
 INNOVATION AND  
 RESEARCH  
 IN EDUCATION

**45**  
 years

## Department of Computer Science and Engineering

2.6.2 Attainment of programme outcomes and course outcomes are evaluated by the institution

SINo	Course Name	Code	Program Outcomes												Program Specific Outcomes			
			1	2	3	4	5	6	7	8	9	10	11	12	1	2		
1	MATHEMATICS-I	18MTC01	2.34	1.90	1.75	1.61	-	-	-	-	-	-	-	-	-	-	1.91	-
2	CHEMISTRY	18CYC01	2.64	1.76	2.11	-	-	1.76	1.76	-	-	-	-	-	-	-	1.76	-
3	ENGINEERING MECHANICS	18CEC01	2.76	1.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	ENGINEERING GRAPHICS & DESIGN	18MEC01	2.97	2.57	2.18	1.19	1.98	1.98	-	0.99	1.98	2.18	0.99	2.18	1.59	1.58	-	-
5	PROGRAMMING FOR PROBLEM SOLVING	18SCC01	2.53	2.00	2.22	0.81	0.84	-	-	-	-	-	-	-	0.84	0.89	0.89	-
6	PROGRAMMING FOR PROBLEM SOLVING LAB	18SCC02	2.84	2.26	2.79	0.94	0.95	-	-	-	-	-	-	-	0.95	0.95	0.95	-
7	CHEMISTRY LAB	18CYC02	2.92	1.95	2.14	-	-	1.75	1.95	-	-	-	-	-	1.95	-	-	-
8	MATHEMATICS-II	18MTC03	2.33	2.18	2.49	2.33	-	-	-	-	-	-	-	-	1.88	-	-	-
9	OPTICS AND SEMICONDUCTOR PHYSICS	18PYC01	1.86	1.01	1.05	0.89	1.05	1.08	1.20	0.78	0.82	1.32	0.82	1.32	1.32	0.78	0.78	-
10	OPTICS AND SEMICONDUCTOR PHYSICS LAB	18PYC02	2.38	2.07	1.91	2.07	1.59	1.28	1.33	2.38	2.38	-	0.80	1.91	-	-	-	-
11	OBJECT ORIENTED PROGRAMMING	18SCC03	1.56	0.98	0.92	0.82	0.78	-	-	-	-	-	-	-	0.81	1.31	1.44	-
12	OBJECT ORIENTED PROGRAMMING LAB	18SCC04	-	0.95	0.95	1.19	1.43	-	-	-	-	-	-	-	-	2.28	2.09	-
13	ENGLISH	18EGC01	-	-	1.97	1.97	1.96	1.96	-	-	-	-	-	-	-	-	-	-
14	ENGLISH LAB	18EGC02	0.99	0.99	-	0.99	-	0.99	0.99	1.24	1.65	1.98	1.24	1.48	0.79	1.16	-	-
15	WORKSHOP / MANUFACTURING PRACTICE*	18MEC02	2.18	1.59	1.59	0.99	1.78	-	-	0.99	1.98	1.59	-	0.99	2.38	1.78	-	-
16	BASIC ELECTRICAL ENGINEERING	18EEC01	2.37	2.74	1.84	1.63	2.19	-	2.18	2.05	1.36	2.01	1.64	2.73	1.82	2.73	-	-
17	DATA STRUCTURES	18CSC07	1.23	1.17	1.02	0.86	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.59	0.61	0.61	-	-
18	DISCRETE MATHEMATICS	18CSC08	1.66	1.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Head, Dept. of CSE, CBIT(A)

*[Signature]*

Professor and Head Department  
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SINo	Course	Code	Program Outcomes												Program Specific Outcomes	
			1	2	3	4	5	6	7	8	9	10	11	12	1	2
19	DIGITAL ELECTRONICS & LOGIC DESIGN	18SCC09	1.87	1.86	2.24	1.53	1.53	1.84	0.90	0.90	0.90	0.93	0.90	0.92	1.23	1.80
20	PRINCIPLES OF MANAGEMENT	18MEC09	2.40	1.87	1.33	2.40	0.80	1.20	-	0.80	-	-	-	-	-	-
21	ENVIRONMENTAL SCIENCE	18CEM01	0.90	-	-	-	-	0.90	1.97	0.90	-	-	-	-	-	-
22	BASIC ELECTRONICS	18ECC34	2.75	2.15	2.44	2.75	1.52	1.68	1.84	1.84	1.68	1.68	1.81	1.23	0.94	0.89
23	PROBABILITY & STATISTICS	18MTC09	2.76	2.37	2.76	1.58	-	-	-	-	-	-	-	1.97	-	-
24	COMPUTER ARCHITECTURE AND MICRO PROCESSORS	18SCC12	2.22	2.20	2.28	1.63	1.96	-	0.98	-	0.99	2.28	0.98	0.99	1.96	1.96
25	DATA BASE MANAGEMENT SYSTEMS	18SCC13	1.84	1.71	1.16	-	-	-	-	-	-	-	-	-	0.78	0.78
26	INDIAN CONSTITUTION AND FUNDAMENTAL PRINCIPLES	18EGM01	-	1.48	1.48	1.95	-	2.46	1.38	1.48	0.98	-	-	-	-	-
27	DATA STRUCTURES LAB	18SCC10	2.42	2.24	2.24	2.42	2.24	2.34	-	-	2.18	2.05	0.93	1.86	2.24	1.68
28	BEE LAB	18EEC02	2.06	2.47	1.65	1.37	2.06	1.23	1.92	0.82	0.83	1.37	1.51	2.46	1.65	2.46
29	DELD LAB	18SCC11	1.68	1.53	1.73	1.44	1.44	0.97	0.79	0.88	0.88	0.86	0.88	0.97	1.12	0.86
30	SOFT SKILLS	18EGC03	-	-	-	-	-	-	-	-	1.80	2.60	-	1.40	1.00	1.00
31	DBMS LAB	18SCC15	1.46	1.66	0.19	-	-	-	-	-	-	-	-	-	0.61	0.61
32	CAMP LAB	18SCC14	2.57	2.37	2.37	2.57	2.37	2.47	-	-	2.30	2.18	0.99	1.98	2.37	1.78
33	BASIC ELECTRONICS LAB	18ECC35	1.97	1.97	1.97	1.58	1.57	1.77	1.97	1.97	1.77	1.77	1.77	1.38	0.98	0.98
34	IT WORKSHOP	18SCC16	1.28	0.95	0.96	1.90	1.60	-	1.95	-	1.62	1.93	1.92	2.31	1.54	1.92
35	FORMAL LANGUAGES & AUTOMATA THEORY	18SCC17	2.45	2.17	0.86	1.43	1.65	-	-	-	-	-	-	1.29	0.92	2.66
36	OPERATING SYSTEMS	18SCC18	2.86	2.63	2.29	2.10	1.91	1.27	1.91	1.27	1.53	1.27	1.27	2.29	2.86	2.86
37	DESIGN AND ANALYSIS OF ALGORITHMS	18SCC19	1.74	1.82	1.14	-	-	-	-	-	-	-	-	-	0.78	0.78
38	WEB AND INTERNET TECHNOLOGIES	18CSE01	1.84	1.22	1.53	1.62	-	1.85	-	-	-	-	-	0.29	1.53	0.92
39	MOBILE APPLICATION DEVELOPMENT	18CSE04	0.78	0.84	0.91	0.46	-	0.81	-	0.41	-	-	-	-	0.71	0.78
40	NUMBER THEORY AND CRYPTOGRAPHY	18MTT03	2.02	1.83	1.83	-	-	-	-	-	-	-	-	-	0.92	0.92
41	DECISION THEORY	18MTT05	2.49	1.69	1.69	1.69	-	-	-	-	-	-	-	1.73	-	1.69
42	OPERATING SYSTEMS LAB	18SCC20	0.37	0.40	0.37	0.30	-	-	-	-	0.20	-	-	0.20	0.40	0.40

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SINo	Course	Name	Code	Program Outcomes												Program Specific Outcomes			
				1	2	3	4	5	6	7	8	9	10	11	12	1	2		
43	DESIGN AND ANALYSIS OF ALGORITHMS LAB		18CSC21	1.83	1.98	1.07	1.46	1.98	-	-	-	-	-	-	-	-	-	0.91	0.91
44	MINI PROJECT		18CSC22	1.59	1.50	1.50	1.36	1.40	1.13	0.57	0.56	0.90	1.03	0.94	1.12	0.56	0.85		
45	WEB AND INTERNET TECHNOLOGIES LAB		18CSE05	1.91	2.29	0.96	0.96	1.44	-	-	-	-	-	-	-	-	-	1.92	1.92
46	MOBILE APPLICATION DEVELOPMENT LAB		18CSE08	2.37	2.76	0.98	-	-	-	-	-	-	-	-	-	-	-	0.99	0.99
47	DATA COMMUNICATIONS & COMPUTER NETWORK		18CSC23	1.27	1.39	1.33	2.01	1.50	1.45	-	0.72	-	-	-	-	-	-	0.87	0.80
48	SOFTWARE ENGINEERING		18CSC24	1.35	1.16	1.17	1.45	0.81	0.81	-	-	-	-	-	-	-	-	0.74	0.74
49	ARTIFICIAL INTELLIGENCE		18CSC25	1.76	1.67	1.10	-	-	-	-	-	-	-	-	-	-	-	0.74	0.74
50	ENGINEERING ECONOMICS AND ACCOUNTANCY		18MBC01	1.39	1.35	0.85	-	-	-	-	-	-	-	-	-	-	-	0.54	0.54
51	CLOUD COMPUTING		18CSE11	1.59	1.55	0.96	-	-	-	-	-	-	-	-	-	-	-	0.63	0.63
52	SOFT COMPUTING		18CSE13	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	2.14	2.48	1.91	1.53	2.10	1.44	1.72	1.72
53	FREE AND OPEN-SOURCE SOFTWARE		18CSE16	2.63	2.04	2.03	1.90	2.35	1.60	1.16	1.75	-	1.24	1.90	1.89	-	-	0.97	0.97
54	DATA COMMUNICATION AND COMPUTER NETWORKS LAB		18CSC26	2.33	2.71	0.94	-	-	-	-	-	-	-	-	-	-	-	0.97	0.97
55	CASE STUDY LAB		18CSC27	2.26	2.63	0.94	-	-	-	-	-	-	-	-	-	-	-	0.95	0.95
56	BASICS OF BIOLOGY		18BT001	1.35	0.62	1.44	0.62	1.20	1.53	1.44	1.51	0.54	0.54	1.08	1.61	0.97	1.01	0.95	0.95
57	COMPILER DESIGN		18CSC28	2.18	1.90	0.76	1.13	2.16	-	-	-	-	-	-	1.33	0.86	2.72	1.33	0.86
58	DATA SCIENCE AND BIG DATA ANALYTICS		18CSE17	1.86	1.63	1.87	1.88	2.38	0.95	-	-	-	-	-	1.63	1.87	2.55	1.63	1.87
59	MACHINE LEARNING		18CSE18	2.65	2.65	2.65	0.88	2.65	2.55	-	-	-	-	-	1.63	1.87	2.55	1.63	1.87
60	CYBER SECURITY		18CSE20	1.70	1.47	1.50	1.60	1.37	1.41	-	-	-	-	-	-	-	-	2.65	2.65
61	HUMAN COMPUTER INTERACTION		18CSE22	1.88	1.02	1.28	0.99	1.24	1.10	0.88	1.32	1.18	0.98	-	0.77	1.04	1.04	1.09	1.09
62	NEURAL NETWORKS AND DEEP LEARNING		18CSE23	1.91	1.86	1.91	1.74	1.74	-	-	-	-	-	-	1.28	1.28	1.74	1.35	1.35
63	DEVOPS		18CSE24	1.13	1.19	1.96	1.70	1.86	1.04	0.88	1.45	1.75	1.45	1.10	0.71	1.70	1.27	1.27	1.27
64	DISASTER MITIGATION AND MANAGEMENT		18CE002	1.59	1.25	1.58	1.61	1.94	2.09	1.79	1.22	1.39	1.22	1.40	0.88	0.87	0.85	0.85	0.85
65	TECHNICAL WRITING SKILLS		18EG001	-	-	0.77	-	-	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90
66	COMPILER DESIGN LAB		18CSC29	2.47	2.10	0.95	1.34	2.82	-	-	-	-	-	-	1.66	1.93	2.52	1.66	1.93

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SINo	Course	Program Outcomes												Program Specific Outcomes		
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	
67	PROJECT: PART-1	18CSC30	1.87	2.34	1.87	2.82	1.57	-	-	1.89	2.36	-	-	1.86	1.89	
68	DATA SCIENCE AND BIG DATA ANALYTICS LAB	18CSE26	2.92	1.75	1.75	1.95	2.43	1.30	-	1.95	0.98	0.98	1.75	1.95	2.43	
69	MACHINE LEARNING LAB	18CSE27	2.86	2.55	1.43	2.70	2.48	-	-	-	-	-	1.75	2.55	2.55	
70	CYBER SECURITY LAB	18CSE29	1.88	2.26	1.88	2.45	2.63	1.32	-	0.94	1.88	1.88	0.94	1.88	2.82	
71	SPEECH AND NATURAL LANGUAGE PROCESSING	18CSE31	0.47	0.44	0.29	-	-	1.65	-	-	-	-	-	0.20	0.44	
72	BLOCKCHAIN TECHNOLOGY	18CSE33	1.59	1.36	1.09	0.82	0.59	0.79	0.39	-	-	-	0.70	0.79	1.21	
73	ENTREPRENEURSHIP	18MEO04	1.12	1.50	0.90	1.12	1.20	1.49	1.28	1.21	1.33	1.38	1.87	1.15	-	
74	TECHNICAL SEMINAR	18CSC31	1.89	1.88	-	-	0.96	1.89	-	1.91	-	2.55	-	1.89	2.37	
75	PROJECTS-PART-2	18CSC32	2.11	1.94	2.87	2.88	2.42	1.94	-	0.97	2.91	2.89	1.94	1.94	1.91	
Average of all POS/PSOs attainments			1.92	1.76	1.60	1.68	1.85	1.78	1.91	1.80	2.06	2.23	2.04	2.03	1.30	1.50

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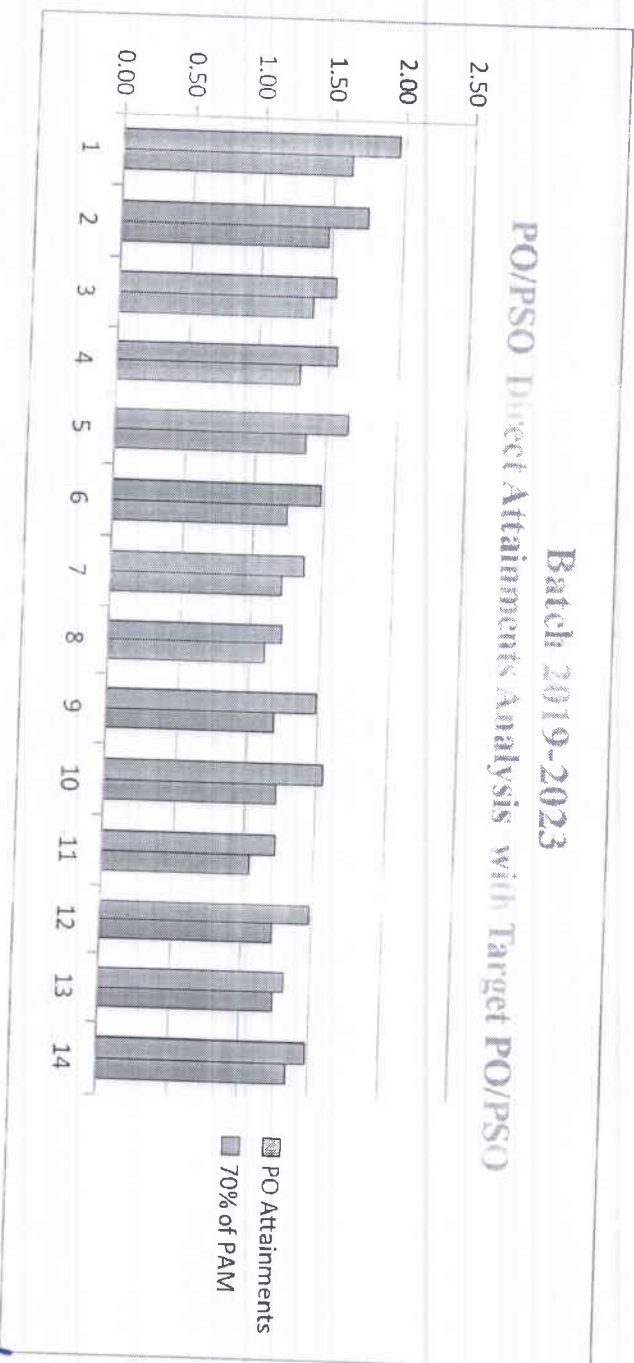
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RESEARCH AND  
INNOVATION AND  
EDUCATION

**45**  
Years

### Department of Computer Science and Engineering

### PO/PSO Direct Attainments Analysis with Target PO/PSO

PO Attainments	70% of PAM
1.96	1.62
1.75	1.47
1.53	1.37
1.56	1.30
1.65	1.35
1.47	1.24
1.37	1.21
1.22	1.11
1.49	1.19
1.55	1.22
1.22	1.04
1.48	1.22
1.31	1.23
1.48	1.34



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INNOVATION AND  
EDUCATION

**45**  
years

## Department of Computer Science and Engineering

*BCA - AM-2022-23*

### Indirect Attainment

Sl. No.	Full Name	Roll No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
1	VIGNA VIRAJ JADHAV	160118733057	3	3	3	3	3	3	3	3	3	3	3	3	3	3
2	AKSHITHA JILLELLA	160119733001	3	3	3	3	3	3	3	3	3	2	2	3	3	3
3	ELLAPAGARI ANUSHA	160119733002	2	2	2	2	2	2	2	2	2	2	2	3	3	3
4	ANUSHKA BODDU	160119733003	2	2	2	2	2	2	2	2	2	2	2	3	2	3
5	KOLAGANI JERUSHA GRACE	160119733004	3	3	3	3	3	3	3	3	3	2	2	2	2	2
6	A.K.SAMEERA	160119733005	2	2	2	2	2	2	2	2	2	2	2	3	3	3
7	LIKHITHA REDDY SIRANGARI	160119733006	3	3	3	3	3	3	3	3	3	3	3	2	2	2
8	RAGIRI MAHESHWARI	160119733007	3	3	3	3	3	3	3	3	3	3	3	3	3	3
9	MAITREYI VANKAYALA	160119733008	3	3	3	3	3	3	3	3	3	3	3	3	3	3
10	MEGHANA PONNA	160119733009	3	3	3	3	3	3	3	3	3	3	3	3	3	3
11	KOPPALA PRANEETHA	160119733010	2	2	2	2	2	2	2	2	2	2	2	3	3	3
12	GADIPEDDAPUR PREETHI	160119733011	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	MODUGULA PRIYANKA REDDY	160119733012	3	3	3	3	3	3	3	3	3	3	3	3	3	2
14	RIKHILA REDDY ANNEEM	160119733013	3	3	3	3	3	3	3	3	3	3	3	3	3	3
15	SALONI DAYAL	160119733014	2	2	2	2	2	2	2	2	2	2	2	3	3	3
16	SATHVIKA KATTA	160119733015	3	3	3	3	3	3	3	3	3	3	3	2	2	2
17	SREENIJA	160119733016	3	3	3	3	3	3	3	3	3	3	3	3	3	3

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Sl. No.	Full Name	Roll No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
18	SUNAYANA MADDIMADUGU	160119733017	3	3	3	3	3	3	3	3	3	3	3	3	3	3
19	SUPRIYA TADURI	160119733018	3	3	3	3	3	3	3	3	3	3	3	3	3	3
20	MAISETTI TULASI PRIYA	160119733019	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	G VARSHA	160119733020	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	VARSHA MIRYALA	160119733021	3	3	3	3	3	3	3	3	3	3	3	3	3	3
23	WYSHALLIE VERMA DANDU	160119733022	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	ABHINAV REDDY VANGA	160119733023	2	3	3	3	3	3	3	3	3	3	3	3	3	3
25	AHMED RAOOFUDDIN	160119733024	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	AKSHAY SOMISETTY	160119733025	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	ANURAAAG RAENDRAN	160119733026	3	3	2	2	2	2	2	2	2	2	2	2	2	2
28	ASHRUTH REDDY	160119733027	3	3	3	3	3	3	3	3	2	3	2	2	2	2
29	MYLA BHANU PRASAD	160119733028	3	3	3	3	3	3	3	3	3	3	3	3	3	3
30	DILEEP THOUTAM	160119733029	3	3	3	3	3	3	3	3	3	3	3	3	3	3
31	KOTHAPALLY HARISH	160119733030	3	3	3	3	3	3	3	3	3	3	3	3	3	3
32	LJEEVAN NATH	160119733031	2	2	2	2	2	2	2	2	2	2	2	2	2	2
33	KARAN SINGH	160119733032	2	2	2	2	2	2	2	2	2	2	2	2	2	2
34	KORIPELLI KARTHEESH REDDY	160119733033	3	3	3	3	3	3	3	3	3	3	3	3	3	3
35	MD SOHAIL	160119733034	3	3	3	3	3	3	3	3	3	3	3	3	3	3
36	MOHAMMED ASIM	160119733035	2	2	2	2	2	2	2	2	2	2	2	2	2	2
37	MOHAMMED OMAR ASIF	160119733036	2	2	2	2	2	2	2	2	2	2	2	2	2	2
38	P NIKHIL CHANDRA	160119733037	2	2	2	2	2	2	2	2	2	2	2	2	2	2
39	NIKHIL MADAGONI	160119733038	2	2	2	2	2	2	2	2	2	2	2	2	2	2
40	PATCHANMATLA PRAVEEN VARMA	160119733039	3	3	3	3	3	3	3	3	3	3	3	3	3	3
41	RAKESHBYSREDDY	160119733040	3	3	3	3	3	3	3	3	3	3	3	3	3	3
42	YAGATEELA RANGA NIKHILESH	160119733041	2	2	2	2	2	2	2	2	2	2	2	2	2	2
43	NALLAGOPPUA REVANTH GOUD	160119733042	3	3	3	3	3	3	3	3	3	3	3	3	3	3
44	SUNKARA ROHIT	160119733043	1	2	2	3	3	3	3	3	3	3	3	3	3	3

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45	SAI AKHIL PODDUTURI	160119733044	3	3	3	3	3	3	3	3	3	3	3	3	3	3
46	SAI RUTHVIK KARRE	160119733045	2	3	3	3	2	3	2	3	3	3	2	2	2	2
47	BHEEMA SAI VAIBHAV	160119733046	2	2	2	2	2	2	2	2	2	2	2	2	2	2
48	M V S SAKET	160119733047	2	2	2	2	2	2	2	2	2	2	2	2	2	2
49	SAKETH MARRI	160119733048	3	3	3	3	3	3	3	3	3	3	3	3	3	3
50	MUHAMMAD ROSHAN SHAIK	160119733049	2	2	3	3	3	3	3	3	3	3	3	3	3	3
51	M SRAVAN KUMAR	160119733050	2	2	2	2	2	3	3	3	3	3	3	3	3	3
52	NAIDU SUDHEER	160119733051	3	3	3	3	3	3	3	3	3	3	3	3	3	3
53	ANUMALA SUMEDH	160119733052	3	3	3	3	3	3	3	3	3	3	3	3	3	3
54	K SURYA	160119733053	3	3	2	2	3	3	3	3	3	3	3	3	3	3
55	N.N.S.C TAGORE	160119733054	2	2	2	2	2	2	2	2	2	2	2	2	2	2
56	POTLACHERU THANDAVA KRISHNA	160119733055	2	2	2	2	2	2	2	2	2	2	2	2	2	2
57	UDAY KIRAN REDDY NALLAGANDLA	160119733056	2	2	2	2	2	2	2	2	2	2	2	2	2	2
58	VARUN MADDI	160119733057	3	3	3	3	3	3	3	3	3	3	3	3	3	3
59	D VENKATA SAI DURGESH REDDY	160119733058	2	2	2	2	2	2	2	2	2	2	2	2	2	2
60	VIKRAM SABAVATH	160119733059	3	3	3	3	3	3	3	3	3	3	3	3	3	3
61	VINAY KASALA	160119733060	3	3	3	3	3	3	3	3	3	3	3	3	3	3
62	SACHIN KUMAR SHARMA	160119733181	2	2	2	2	2	2	2	2	2	2	2	2	2	1
63	ABHIGNYA BULUSU	160119733061	3	3	3	3	3	3	3	3	3	3	3	3	3	3
64	AFRAH MINHAI	160119733062	3	3	3	3	3	3	3	3	3	3	3	3	3	2
65	ANANYA VUDUMULA	160119733063	3	3	3	3	3	3	3	3	3	3	3	3	3	3
66	ANVITA LEKHA NAVULURI	160119733064	3	3	2	3	3	3	3	3	3	3	3	3	3	3
67	BALIMIDI BHAVANA	160119733065	3	3	3	3	3	3	3	2	3	3	2	2	2	2
68	CHANDANA SAMINENI	160119733066	2	2	3	3	3	3	3	3	3	3	3	3	3	3
69	C CHANDRIKA	160119733067	3	3	3	3	3	3	3	3	3	3	3	3	3	3
70	KANAPARTHY DEEVENA MRIDHULA	160119733068	3	3	3	3	3	3	3	3	3	3	3	3	3	3
71	INDHU RAMINENI	160119733069	2	2	3	3	3	3	3	3	3	3	3	2	2	3

Head, Dept. of CSE, CRIT(A)

Professor and Head Department

Department of Computer Science & Engineering

Chaitanya Bharathi Institute of Technology (A)

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

*Handwritten signature*

Sl. No.	Full Name	Roll No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PS01	PS02
72	KAVYA SHRI V	160119733070	3	3	2	2	2	2	2	3	3	3	3	3	2	3
73	MEGHANA REDDY GAJULAPALLE	160119733071	2	3	2	2	2	2	2	2	2	2	2	2	2	2
74	L NIHARIKA	160119733072	2	2	2	2	2	2	2	2	2	2	2	2	2	2
75	RAMA RITHIKA KESHARAJU	160119733073	3	3	3	2	3	2	3	3	3	3	2	2	2	2
76	SHREYA YAMJALA	160119733074	3	3	3	3	3	3	3	3	3	3	2	3	3	3
77	SRAVANI NARAYANDAS	160119733075	2	2	2	2	2	2	2	2	2	2	2	2	2	2
78	SRIJA NAYAKANI	160119733076	2	2	2	2	2	2	2	2	2	2	2	2	2	2
79	ERAVELLI SRIVIDYA	160119733077	3	3	3	3	3	3	3	3	3	3	3	3	3	3
80	P SRUTHI	160119733078	3	3	3	3	3	3	3	3	3	3	3	3	3	3
81	Y.S MAHATI	160119733079	3	3	3	3	3	3	3	3	3	3	3	3	3	3
82	ABDUL SABER	160119733080	2	2	2	2	2	2	2	2	2	2	2	2	2	2
83	ABHINAV CHOWDARY	160119733081	2	2	2	2	2	2	2	2	2	2	2	2	2	2
84	ATLA AMITH REDDY	160119733082	2	2	2	2	2	2	2	2	2	2	2	2	2	2
85	ANANT SHARMA	160119733083	2	2	2	2	2	2	2	2	2	2	2	2	2	2
86	ANISH NIMBALKAR	160119733084	3	3	3	3	3	3	3	3	3	3	3	3	3	3
87	VANGA BHAGATHKUMAR	160119733085	3	3	3	3	3	3	3	3	3	3	3	3	3	3
88	GANGA. BHANU TEJA	160119733086	2	2	2	2	2	2	2	2	2	2	2	2	2	2
89	N K CHAITANYA	160119733087	3	3	3	3	3	3	3	3	3	3	3	3	3	3
90	ERUPARSAPU DHARMATEJA	160119733088	3	3	3	3	3	3	3	3	3	3	3	3	3	3
91	TURAKA GANESH	160119733089	3	3	3	3	3	3	3	3	3	3	3	3	3	3
92	MERLA JASWANTH	160119733090	3	3	3	3	3	3	2	3	3	3	2	3	3	3
93	JASWANTH SRIVAN	160119733091	2	2	2	2	2	2	2	2	2	2	2	2	2	2
94	MVS KAUSHIK REDDY	160119733092	3	2	2	2	2	2	2	2	2	2	2	2	2	2
95	BHUTHAMI MADHU	160119733093	3	3	3	3	3	3	3	3	3	3	3	3	3	3
96	MAHENDRANATH JINKATHOTI	160119733094	2	2	2	2	2	2	2	2	2	2	2	2	2	2
97	LAVUDYA MANOJ	160119733095	3	3	3	3	3	3	3	3	3	3	3	3	3	3
98	MOHAMMED ADNAN	160119733096	2	2	3	3	3	3	2	3	3	3	3	3	3	3

Head, Dept. of CSE, CBIT(A)

Professor and Head Department

Department of Computer Science & Engineering

Chaitanya Srao's Institute of Technology (A)



Sl. No.	Full Name	Roll No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
99	MOHAMMED SANAN MOINUDDIN	160119733097	3	3	3	3	3	3	3	2	3	3	3	3	3	3
100	THATIPALLI NAVEEN KUMAR	160119733098	3	3	3	3	3	3	3	3	3	3	3	3	3	3
101	P PRANAV	160119733099	3	3	2	2	2	2	3	3	3	3	3	3	3	3
102	M PREMKUMAR GOUD	160119733100	3	3	3	3	3	3	3	3	3	3	3	3	2	2
103	VAZRAPU SAI BHANU REVANTH	160119733102	3	3	3	3	3	3	3	3	3	3	3	3	3	3
104	SAI CHARAN KOPPULA	160119733103	3	3	3	3	3	3	3	3	3	3	3	3	3	3
105	SAI PRANEETH LAKKOJU	160119733104	2	2	3	2	2	3	3	3	3	3	3	3	3	3
106	SAI TEJA VARMA RAMETI	160119733105	2	3	2	2	2	2	2	2	2	2	2	3	3	3
107	KONAKANCHI SAMPATH	160119733106	2	2	2	2	2	2	2	3	3	2	2	3	3	3
108	SANDEEP KUMAR GALI	160119733107	2	2	2	2	2	2	2	2	2	2	2	2	2	2
109	SHINDE SANTHOSH	160119733108	3	3	3	3	2	2	2	2	2	2	2	2	2	2
110	RUHITH SHAIK	160119733109	2	1	2	2	1	3	3	2	2	2	2	3	2	2
111	SHASHANK REDDY SAMALA	160119733110	3	3	3	3	3	3	3	3	3	2	2	3	3	3
112	SNEHITH REDDY DROPATHI	160119733111	2	2	2	2	2	2	2	2	3	3	3	3	3	3
113	SRAVAN KUMAR MUSTYALA	160119733112	3	3	3	3	3	3	3	3	3	3	3	3	3	3
114	SRIPRANAV MUKTEVI	160119733113	2	2	2	2	2	2	2	3	3	2	2	2	2	2
115	SURYA PRATAP	160119733114	2	3	3	3	2	3	3	3	3	3	3	3	3	3
116	TARUN MANDA	160119733115	3	3	2	3	3	3	3	3	3	3	3	3	3	3
117	THARUN REDDY CHALLABOTLA	160119733116	3	3	3	3	3	3	3	3	3	3	3	3	3	3
118	UMAMAHESHWAR EIDIGI	160119733117	3	3	3	3	3	3	3	3	3	3	3	3	3	3
119	VENKAT SAI YESWANTH REDDYPALLI	160119733118	3	3	3	3	3	3	3	3	3	3	3	3	3	3
120	BHUKYA VENKATESH	160119733119	3	3	3	3	3	3	3	3	3	3	3	3	3	3
121	VISHNU VARDHAN REDDY MARAMI	160119733120	3	3	3	3	3	3	3	3	3	3	3	3	3	2
122	ARJUN GANDOTRA	160119733182	2	2	2	3	3	3	3	3	3	3	3	3	3	3
123	AASHRITHA RAYALA	160119733121	3	3	3	3	2	3	2	3	3	2	2	2	2	3
124	AKANKSHA KASTURI	160119733122	2	2	2	2	3	3	3	3	3	3	3	3	3	3
125	AKSHITHA SINGIREDDY	160119733123	3	2	3	3	2	2	2	2	2	2	2	2	2	2

Head, Dept. of CSE, CBIT(A)

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Department of Computer Science & Engineering (A)  
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Sl. No.	Full Name	Roll No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
126	ANKITHA VANKUDOTHU	160119733124	3	3	3	3	3	3	3	3	3	3	3	3	3	3
127	ANUSHA KETHAVATH	160119733125	3	3	3	3	3	3	3	3	3	3	3	3	3	3
128	HARIKA N	160119733126	2	2	3	3	3	3	3	3	3	3	3	3	3	3
129	CHOWLUR HRUDYA	160119733127	3	3	3	3	3	3	3	3	3	3	3	3	3	3
130	HYNDAVI DESHMUKH	160119733128	3	3	3	2	3	3	3	3	3	3	2	3	3	3
131	JUWAIIRIYYAH	160119733129	2	2	2	2	2	2	2	2	2	2	2	2	2	2
132	MANASA MALIKI REDDY	160119733130	3	3	3	3	3	3	3	3	3	3	3	3	3	3
133	SUBIYA MAHEEN	160119733131	3	3	3	3	3	3	3	3	3	3	3	3	3	3
134	MEGHANA MARAMPALLY	160119733132	3	3	3	3	3	3	3	3	3	3	3	3	3	3
135	PAVANI SOMA	160119733134	3	3	3	3	3	3	3	3	3	3	3	3	3	3
136	KOYYA POOJA REDDY	160119733135	3	3	3	3	3	3	3	3	3	3	3	3	3	3
137	PRANEETHA VEMULA	160119733137	3	3	3	3	3	3	3	3	3	3	3	3	3	3
138	PREETHI BYRA	160119733138	3	3	3	3	3	3	3	3	3	3	3	3	3	3
139	DASARI RAVINDER KAVERI	160119733139	3	3	3	3	3	3	3	3	3	3	3	3	3	3
140	SAHITHYA NALLABOTHULA	160119733140	3	3	3	3	3	3	3	3	3	2	3	3	3	3
141	SHIVANI SARIKONDA	160119733131	2	2	2	2	2	2	2	2	2	2	2	2	2	2
142	SHREYA BHATTACHARYYA	160119733142	3	3	3	3	3	3	3	3	3	3	3	3	3	3
143	RAYINI ARUN KUMAR REDDY	160119733146	2	2	2	2	2	2	2	2	2	2	2	2	2	2
144	MORAMSHETTY BHUPESH KUMAR	160119733147	3	3	2	3	3	2	3	3	3	3	3	3	3	2
145	POKALA DEVA TEJA	160119733149	3	3	3	3	3	3	3	3	3	3	3	3	3	3
146	HEMANTH KUMAR GUDDA	160119733151	2	2	2	2	2	2	2	2	2	2	2	2	2	2
147	LAKSHMAN GUNDA	160119733152	3	3	3	3	3	3	3	3	3	3	3	3	3	3
148	MAHESH BANOTH	160119733153	3	3	3	3	3	3	3	3	3	3	3	3	3	3
149	MOHAMMED ZUBAIR	160119733154	3	3	3	3	3	3	3	3	3	3	3	3	3	3
150	NITHIN PADIGELA	160119733155	3	3	3	3	3	3	3	3	3	2	2	2	3	2
151	GADDE NITIN CHOUDARY	160119733156	3	3	3	3	3	3	3	3	3	3	3	3	3	3
152	PARDHA SARADHI BOBBURI	160119733157	3	3	3	3	3	3	3	3	3	3	3	3	3	3


  
**Professor and Head of Department**  
**Dep. Head, Dept. of CSE, CBIT(A)**  
 Chaitanya Bharathi Institute of Technology (A)  
 Gandipet, Hyderabad-500 075.(T.S.)

Sl. No.	Full Name	Roll No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
153	BODALAPALLE PAVAN SAI	160119733158	3	3	2	3	3	2	2	2	3	3	3	3	3	3
154	MADHASU PRASHANTH KUMAR	160119733159	3	3	3	3	3	3	3	3	3	3	3	3	3	3
155	RAVITEJ RANGINENI	160119733160	3	3	3	3	3	3	3	3	3	3	3	3	3	3
156	GARIGABOINA REVANTH SAI	160119733161	3	3	3	3	3	3	3	3	3	3	3	3	3	3
157	SAHITH KUMAR REDDY MOGUSALA	160119733162	3	3	3	3	3	3	3	3	3	3	3	3	3	3
158	THOTA SAI CHETAN	160119733164	3	3	3	3	3	3	3	3	3	3	3	3	3	3
159	YANAMANDRA SAI PRASANNA KARTHIK	160119733165	3	3	3	3	3	3	3	3	3	3	3	3	3	3
160	BHAVARAJU SAI SRINIVAS CHARAN	160119733166	2	2	2	2	2	2	2	2	2	2	2	2	2	2
161	KOKA SASHANK	160119733168	3	3	3	3	3	3	3	3	3	3	3	2	2	2
162	KOMMA SHASHANK	160119733170	3	3	3	3	3	3	3	3	3	3	3	3	3	3
163	JANGALA SREE SAI CHAITANYANAND	160119733172	2	2	2	2	2	2	2	2	2	2	2	2	2	2
164	SRIJINESH ALANKA	160119733173	3	3	3	3	3	3	3	3	3	3	3	3	2	2
165	SUDHEER KANAPARTHI	160119733174	2	2	2	2	2	2	2	2	2	2	2	2	2	2
166	SUHAS VANGALA	160119733175	3	2	3	3	3	3	3	3	3	2	2	2	2	3
167	RAYILLA TARUN	160119733176	3	2	2	3	3	2	3	3	3	3	3	3	3	3
168	KOTTAKKI VEERA VENKATA UDAY KIRAN	160119733177	3	3	3	3	3	2	3	3	3	3	2	3	2	2
169	VISHAL REDDY KOTA	160119733178	2	2	2	2	2	2	2	2	2	2	2	2	2	2
170	CHUNCHU VISHNU VARDHAN	160119733179	3	3	3	3	3	3	3	3	3	2	2	2	2	2
171	KATURI YASHWANTH	160119733180	3	3	3	3	3	3	3	3	3	3	3	3	3	3
172	PRIYANKA MALAVATH	160118733074	2	3	2	3	2	3	3	2	3	3	3	3	3	3
173	HARI RATAN	160118733029	2	2	2	3	2	2	3	2	3	3	3	3	3	3
174	BANOTH CHAITANYA	160118733150	2	2	2	2	2	2	2	2	2	2	2	2	2	2
175	MARAM SAI NIVEDH KUMAR	160119733301	3	3	3	3	3	3	3	3	3	2	2	2	2	2
176	KRISHNAVENI ORUGANTI	160119733302	3	2	3	3	3	2	3	3	3	2	3	2	3	3
177	VAISHALI KAMBLE	160119733303	2	2	3	3	3	2	2	3	3	3	3	2	2	2
178	D SAI NISHITHA	160119733304	3	3	3	3	3	3	3	3	3	3	3	3	3	3
179	V.SRAVANI	160119733305	2	2	2	2	2	2	2	2	2	2	2	2	2	2

  
**Professor and Head**  
**Dept. of CSE (BITRA)**  
 Department of Computer Science & Engineering  
 Chaitanya Bharathi Institute of Technology (A)  
 Gandipet, Hyderabad-500 075.(T.S.)

Sl. No.	Full Name	Roll No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
180	GADDAM SNEHARIKA	160119733306	3	3	3	3	3	3	3	3	3	3	3	3	3	3
181	MOTHKULA VINAY GOUD	160119733307	3	3	3	3	3	3	3	3	3	3	3	3	3	3
182	YEDLAPALLI SHISHIRA	160119733308	3	2	2	2	2	2	2	2	3	3	2	3	3	3
183	RAGULA CHAITHANYA	160119733309	3	3	3	3	3	3	3	3	3	3	3	3	2	2
184	MOHD AKRAM RASHEED	160119733310	3	2	2	2	3	3	3	3	3	3	3	3	3	3
185	VARAKUTI LAXMIPRASANNA	160119733311	3	2	2	2	2	2	2	2	2	2	2	2	2	2
186	MANIDEEP UDUMULA	160119733312	3	3	3	3	3	3	3	3	3	3	3	3	3	3
187	ASHOK NALLA	160119733314	3	3	3	3	3	3	3	3	3	3	3	3	3	3
188	BELLALA DHANALAXMI	160119733315	2	2	2	2	2	2	2	2	2	2	2	2	2	2
189	SAMREEN SULTHANA	160119733316	2	2	2	2	2	2	2	2	2	2	2	2	2	2
190	SAI PRUDHVI DAPPU	160119733317	3	3	3	3	3	3	3	3	3	3	3	3	3	3
			2.63	2.62	2.62	2.65	2.65	2.64	2.63	2.67	2.72	2.68	2.63	2.67	2.65	2.65

  
 Head, Dept. of CSE, CBIT(A)  
 Professor and Head, Department  
 of Computer Science & Engineering  
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**45**  
years

## Department of Computer Science and Engineering

### Direct Attainment

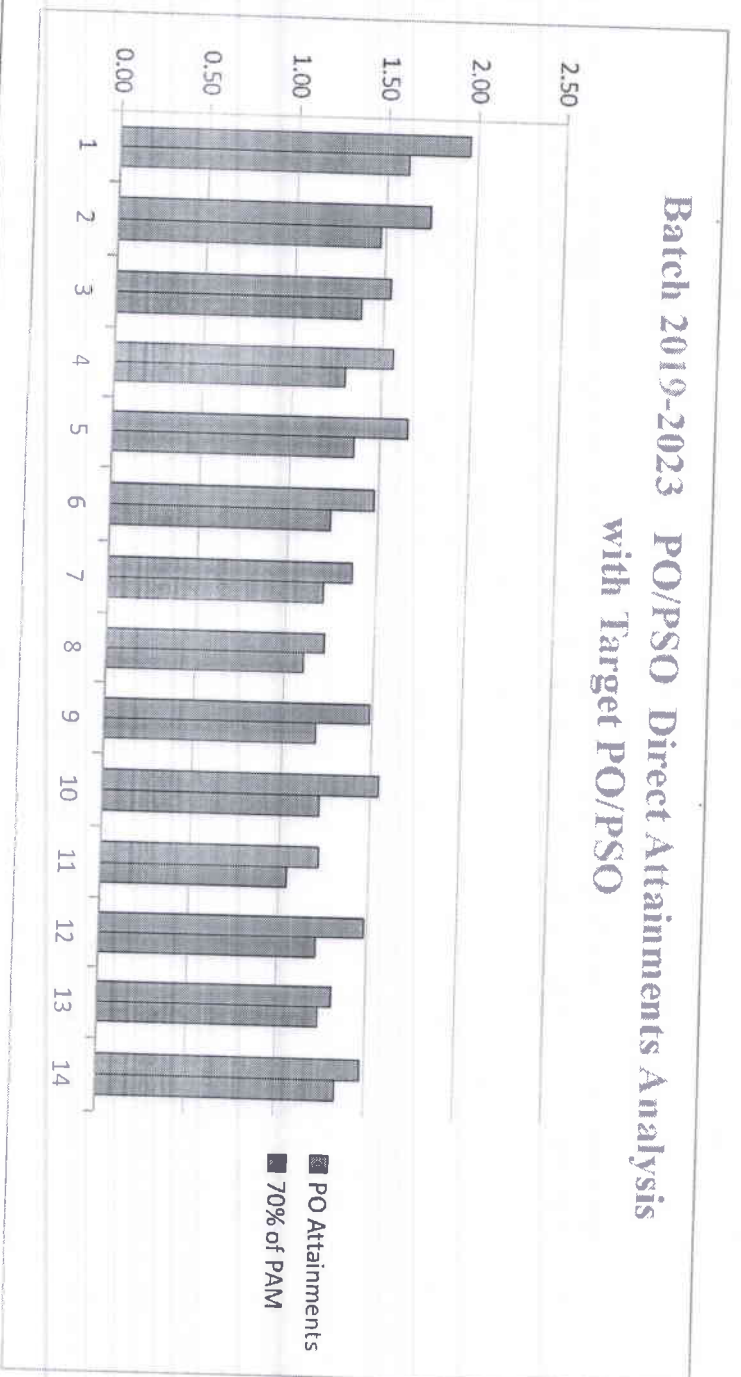
Direct Attainment	Average of all Pos/PSOs attainments																	
	1.96	1.75	1.53	1.56	1.65	1.47	1.37	1.22	1.49	1.55	1.22	1.48	1.31	1.48				
B	2.32	2.10	1.96	1.85	1.93	1.77	1.73	1.58	1.70	1.74	1.49	1.74	1.76	1.91				
70% of B	1.62	1.47	1.37	1.30	1.35	1.24	1.21	1.11	1.19	1.22	1.04	1.22	1.23	1.34				
	Attained	Attained	Attained	Attained	Attained	Attained	Attained	Attained	Attained	Attained	Attained	Attained	Attained	Attained	Attained	Attained	Attained	Attained

*ASH*

Head, Dept. of CSE, CBIT(A) Department

Professor and Head  
Department of Computer Science & Engineering (A)  
Chaitanya Bharathi Institute of Technology (T.S.)  
Hyderabad-500 075.

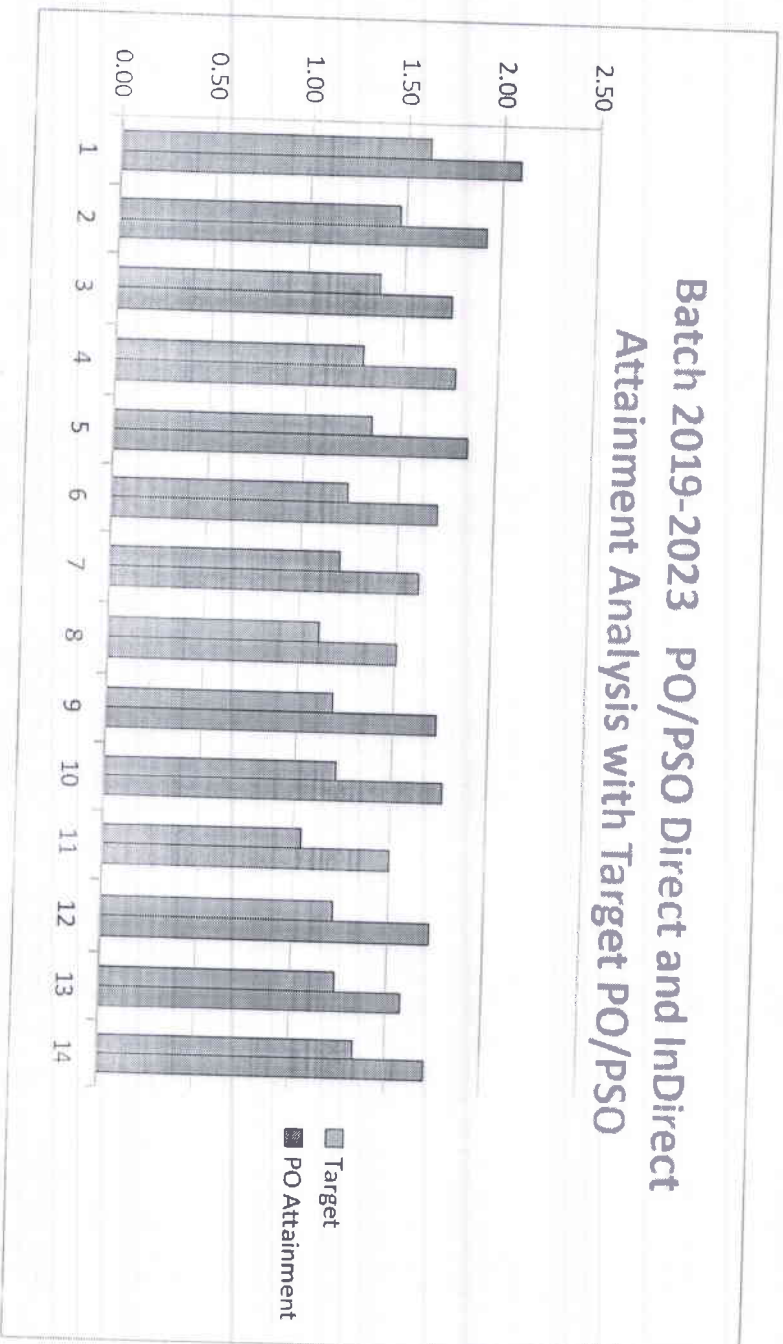
PO	70% of PAM
1.96	1.62
1.75	1.47
1.53	1.37
1.56	1.30
1.65	1.35
1.47	1.24
1.37	1.21
1.22	1.11
1.49	1.19
1.55	1.22
1.22	1.04
1.48	1.22
1.31	1.23
1.48	1.34



PO/PSO	Direct	PO/PSO													
	Attainment (A)	1.96	1.75	1.53	1.56	1.65	1.47	1.37	1.22	1.49	1.55	1.22	1.48	1.31	1.48
InDirect	Attainment(B)	2.63	2.62	2.62	2.65	2.65	2.64	2.63	2.67	2.72	2.68	2.63	2.67	2.65	2.65
70% In	Target	1.62	1.47	1.37	1.30	1.35	1.24	1.21	1.11	1.19	1.22	1.04	1.22	1.23	1.34
Average of	Target	1.62	1.47	1.37	1.30	1.35	1.24	1.21	1.11	1.19	1.22	1.04	1.22	1.23	1.34
Attainment	Result/Status	Attained	Attained	Attained	Attained	Attained	Attained	Attained	Attained	Attained	Attained	Attained	Attained	Attained	Attained

**Professor arif M Yead Department**  
 Department of Computer Science & Engineering  
 Chaitanya Bharathi Institute of Technology (A)  
 Gandipet, Hyderabad-500 075, (T.S.)

	Target	PO Attainment
PO1	1.62	2.09
PO2	1.47	1.92
PO3	1.37	1.75
PO4	1.30	1.78
PO5	1.35	1.85
PO6	1.24	1.71
PO7	1.21	1.62
PO8	1.11	1.51
PO9	1.19	1.73
PO10	1.22	1.77
PO11	1.04	1.50
PO12	1.22	1.72
PSO1	1.23	1.58
PSO2	1.34	1.71



*Handwritten signature*

**Professor and Head Department**  
**Head, Dept. of CSE, CBIT(A)**  
 Department of Computer Science & Engineering  
 Chaitanya Bharathi Institute of Technology (A)  
 Gandipet, Hyderabad-500 075.(T.S.)



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of Technology  
Grade A++  
NAAC  
All India Ranking 11-101 Rank  
nirf  
100 Contributions  
Quality Audit  
Scored 1000  
Entrepreneurship  
2007-2018  
2001-2018

## Department of Computer Science and Engineering

### Comparative analysis of Batch 2018 and 2019 PO attainment

Batch 2018- 2023	PO/PSO	Direct																													
		Attainment(A)		1.9		1.77		1.66		1.75		1.55		1.43		1.45		1.49		1.51		1.35		1.51		1.54		1.65			
		InDirect		2.24		2.21		2.19		2.23		2.22		2.23		2.25		2.24		2.32		2.32		2.28		2.3		2.26		2.26	
		Total (80%A+20%B)		2.11		1.96		1.86		1.77		1.84		1.69		1.59		1.61		1.65		1.68		1.53		1.67		1.68		1.77	

Batch 2019- 2023	PO/PSO	Direct																													
		Attainment(A)		1.96		1.75		1.53		1.56		1.65		1.47		1.37		1.22		1.49		1.55		1.22		1.48		1.31		1.48	
		InDirect		2.63		2.62		2.62		2.65		2.65		2.64		2.63		2.67		2.72		2.68		2.63		2.67		2.65		2.65	
		Total (80%A+20%B)		2.09		1.92		1.75		1.78		1.85		1.71		1.62		1.51		1.73		1.77		1.50		1.72		1.58		1.71	

Head, Dept. of CSE, CBIT(A)

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Professor and Head Department  
Department of Computer Science & Engineering  
Chaitanya Bharathi Institute of Technology (A)  
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**CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY**  
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COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

**45**  
years

**Department of Computer Science and Engineering**

S/no	Course Name	Course Code	CO1	CO2	CO3	CO4	CO5	CO6	Class Target	CO Target	Remarks
1	Mathematics-I	18MT C01	2.72	2.61	2.55	2.57	2.66	2.68	60	60	
2	Chemistry	18CY C01	2.68	2.73	2.66	2.50	2.62	-	62	62	
3	Engineering Mechanics	18CEC01	2.76	2.74	2.78	2.75	2.74	2.73	60	70	
4	Engineering Graphics & Design	18MEC01	2.97	2.94	2.99	2.96	2.95	-	70	70	
5	Programming for Problem solving	18CS C01	2.78	2.56	2.43	2.51	2.36	-	70	70	
6	Programming for Problem Solving Lab	18CS C02	2.92	2.89	2.76	2.92	2.67	-	70	72	
7	Chemistry Lab	18CY C02	2.92	2.92	2.94	2.90	2.92	-	70	70	
8	Mathematics-II	18MTC03	2.87	2.77	2.75	2.75	2.73	2.92	55	60	
9	Optics and Semiconductor Physics	18PYC01	2.68	2.83	2.11	2.13	2.11	-	50	60	
10	Optics and Semiconductor Physics Lab	18PYC02	2.39	2.39	2.38	2.38	2.34	-	50	60	
11	Object Oriented Programming	18CSC03	1.99	2.85	1.83	2.81	1.19	-	70	72	CO5 not attained
12	Object Oriented Programming Lab	18CSC04	2.82	2.83	2.84	2.84	2.85	-	70	70	
13	English	18EGC01	2.94	2.92	2.95	2.94	2.97	-	60	60	
14	English Lab	18EGC02	2.97	2.94	2.99	2.96	2.95	-	70	70	
15	Workshop / Manufacturing Practice	18MEC02	2.97	2.94	2.99	2.96	2.95	-	60	60	
16	Basic Electrical Engineering	18EEC01	2.71	2.73	2.89	2.71	2.71	-	60	60	
17	Data Structures	18CSC07	2.59	2.74	2.25	2.26	1.19	2.08	70	72	CO5 not attained

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Slno	Course Name	Course Code	CO1	CO2	CO3	CO4	CO5	CO6	Class Target	CO Target	Remarks
18	Discrete Mathematics	18SC08	1.68	2.56	2.35	2.16	2.83	-	70	75	CO1 not attained
19	Digital Electronics & Logic Design	18SC09	2.97	2.85	2.99	2.64	2.75	2.65	60	62	
20	Principles of Management	18MEC09	3	3	3	3	3	-	60	60	
21	Environmental Science	18CEM01	2.68	2.67	2.66	2.68	2.7	-	70	70	
22	Basic Electronics	18ECC34	2.81	2.81	2.82	2.82	2.8	2.39	60	60	
23	Soft Skills	18EGC03	2.85	2.85	2.84	2.86	2.87	-	70	70	
24	IT Workshop	18CSC16	2.95	2.93	2.97	2.91	2.93	-	60	62	
25	Probability & Statistics	18MTC09	2.9	2.85	2.88	2.85	2.9	1.21	62	62	
26	Computer Architecture and	18CSC12	2.78	2.78	2.79	2.79	2.82	-	70	72	
27	Data Base Management Systems	18CSC13	2.47	2.45	2.49	2.46	2.45	2.45	60	60	
28	Indian Constitution and	18EGM01	2.95	2.93	2.98	2.94	2.93	2.92	60	60	
29	Data Structures Lab	18CSC10	2.88	2.21	2.44	2.36	2.89	-	60	62	
30	BEE Lab	18EEC02	2.52	2.94	0.59	2.51	0.54	-	62	62	
31	DEL D Lab	18CSG11	2.97	2.94	2.99	2.96	2.95	2.94	60	62	
32	DBMS Lab	18CSC15	2.96	2.94	2.98	2.95	2.94	-	60	60	
33	CAMP Lab	18CSC14	3	3	3	3	3	-	40	60	
34	Basic Electronics Lab	18ECC35	2.91	2.84	2.87	2.92	2.85	-	70	70	
35	Formal Languages & Automata	18CSC17	2.76	2.66	2.77	2.60	2.47	2.37	75	68	
36	Operating Systems	18CSC18	2.83	2.85	2.85	2.88	2.87	-	60	62	
37	Design and Analysis of	18CSC19	2.62	2.65	2.75	2.56	2.58	1.17	68	70	CO6 not attained
38	Web and Internet Technologies	18CSE01	2.79	2.76	2.76	2.78	2.64	2.77	70	77	
39	Mobile Application Development	18CSE04	1.20	1.17	1.20	0.99	1.20	1.22	70	77	ALL COs not attained
40	Number Theory and	18MTO03	2.87	2.88	2.78	2.82	2.39	-	60	65	
41	Decision Theory	18MTO05	2.67	2.55	2.55	2.65	2.27	-	60	65	
42	Operating Systems Lab	18CSC20	3.00	3.00	3.00	3.00	3.00	3.00	60	62	
43	Design and Analysis of	18CSC21	2.72	2.72	2.73	2.72	2.75	2.73	68	70	
44	Mini Project	18CSC22	2.81	2.90	2.44	2.81	2.72	2.85	70	70	
45	Web and Internet Technologies	18CSE05	2.81	2.88	2.88	2.87	2.86	-	70	77	

Slno	Course Name	Course Code	CO1	CO2	CO3	CO4	CO5	CO6	Class Target	CO Target	Remarks
46	Mobile Application Development	18CSE08	2.95	2.96	2.97	2.97	2.94	2.97	70	77	
47	Data Communications &	18CSC23	2.28	2.3	2.6	2.14	2.23	2.17	60	62	
48	Software Engineering	18CSC24	2.08	2.51	1.95	2.68	1.15	1.52	62	62	
49	Artificial Intelligence	18CSC25	2.76	2.81	2.62	2.46	2.59	1.15	40	60	CO5,CO6 not attained
50	Engineering Economics and	18MBC01	2.18	2.76	1.31	2.39	NA	1.81	40	60	CO6 not attained
51	Cloud Computing	18CSE11	2.85	2.59	1.69	2.63	1.10	2.14	70	70	
52	Soft Computing	18CSE13	2.17	2.54	1.15	2.56	1.12	2.43	68	66	CO3,CO5 not attained
53	Free and Open-Source Software	18CSE16	2.92	2.74	2.61	2.54	2.48	2.48	70	72	CO3,CO5 not attained
54	Data Communication and	18CSC26	2.75	2.7	2.79	2.77	2.77	2.83	60	62	
55	Case Study Lab	18CSC27	2.95	2.8	2.8	2.8	2.8	-	70	70	
56	Basics of Biology	18BTD01	1.54	1.46	1.49	1.92	1.73	1.51	65	65	All COs not attained
57	Compiler Design	18CSC28	2.59	2.72	2.53	2.55	2.39	1.18	70	70	CO6 not attained
58	Data Science and Big Data	18CSE17	2.83	2.84	2.85	2.67	2.70	2.66	61	61	
59	Machine Learning	18CSE18	2.78	2.75	2.60	2.66	2.56	2.53	68	68	
60	Cyber Security	18CSE20	2.45	1.68	1.82	2.1	1.82	1.75	70	68	CO2,CO6 not attained
61	Human Computer Interaction	18CSE22	1.96	2.73	1.28	2.65	1.06	1.59	62	62	CO3, CO5,CO6 not attained
62	Neural Networks and Deep	18CSE23	2.51	1.68	1.84	1.86	2.26	0.72	68	68	CO2,CO3,CO4,CO6 not attained
63	DevOps	18CSE24	2.83	2.77	1.74	2.62	1.15	1.92	70	70	CO3,CO5,CO6 not attained
64	Disaster Mitigation and	18CEO02	2.80	2.64	2.79	2.73	2.26	-	70	60	
65	Technical Writing Skills	18EG001	2.88	2.91	2.90	2.86	2.82	-	65	67	
66	Compiler Design Lab	18CSC29	2.90	2.92	2.85	2.87	2.71	-	70	70	
67	Project: PART-1	18CSC30	2.76	2.80	2.80	2.83	2.82	2.83	70	70	
68	Data Science and Big Data	18CSE26	2.94	2.90	2.91	2.92	2.91	-	61	61	
69	Machine Learning Lab	18CSE27	2.86	2.87	2.85	2.88	2.86	2.84	68	68	
70	Cyber Security Lab	18CSE29	2.81	2.81	2.80	2.85	2.82	2.82	70	68	
71	Speech and Natural Language	18CSE31	1.33	1.33	0.72	1.33	2.93	2.93	65	70	CO1,CO2,CO3,CO4 not attained
72	Blockchain Technology	18CSE33	1.51	2.55	1.27	2.27	1.18	1.09	70	70	CO1,CO3,CO5,CO6 not attained
73	Entrepreneurship	18ME004	2.67	2.69	2.69	2.71	1.91	-	70	68	

Professor and Head Department

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S/no	Course Name	Course Code	CO1	CO2	CO3	CO4	CO5	CO6	Class Target	CO Target	Remarks
74	Technical Seminar	18CSC31	2.81	2.85	2.85	2.87	2.87	-	70	70	
75	Projects-PART-2	18CSC32	2.83	2.87	2.87	2.90	2.89	2.91	70	70	

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# Chaitanya Bharathi Institute of Technology(A)

## Department of Computer Science and Engineering

18CSC17-Formal Languages & Automata Theory	18GGC03-Soft Skills	18CSC18-Operating Systems	18CSC20-Operating Systems Lab	18CSC23-Data Communications & Computer	18CSE17-Data Science and Big Data Analytics	18CSE29-Cyber Security Lab	18CSE22-Human Computer Interaction	18CSE24-DevOps	18BTO01 - Basics of Biology	18CSC20-Operating Systems Lab	18CSC20-Operating Systems Lab	18CSE08-Mobile Application Development
18CSC18 - Operating Systems	18CSC17-Formal Languages & Automata Theory	18CSC18 - Operating Systems	18CSC19-Design and Analysis of Algorithms	18CSC24-Software Engineering	18CSE18-Machine Learning	18ME004-Entrepreneurship	18CSE23 - Neural Networks and Deep Learning	18CSE02-Disaster Mitigation and Project: PART-1	18CSE17-Data Science and Big Data Analytics	18CSC22-Mini Project	18CSC21-Design and Analysis of Algorithms Lab	18CSC23-Data Communications & Computer
18CSC19-Design and Analysis of Algorithms	18CSC18 - Operating Systems	18CSE01-Web and Internet Technologies	18CSE04-Mobile Application Development	18CSE09-Internet of Things	18CSE20-Cyber Security	18CSC31 - Technical Seminar	18CSE24-DevOps	18CSC30-Project: PART-1	18CSE17-Data Science and Big Data Analytics	18CSE05-Web and Internet Technologies	18CSE05-Web and Internet Technologies	18CSE04-Mobile Application Development
18CSE01-Web and Internet Technologies	18CSC19-Design and Analysis of Algorithms	18CSC19-Design and Analysis of Algorithms	18CSE04-Mobile Application Development	18CSE09-Internet of Things	18CSE22-Human Computer Interaction	18CSC32 - Projects-PART-2	18CSE02-Disaster Mitigation and Technical Writing Skills	18CSC30-Project: PART-1	18CSE26 - Data Science and Big Data Analytics	18CSC24-Software Engineering	18CSC23-Data Communications & Computer	18CSC20-Operating Systems Lab
18CSE04-Mobile Application Development	18CSE01-Web and Internet Technologies	18MT003-Number Theory	18CSC20-Operating Systems Lab	18CSE14-Network and System	18CSE24-DevOps		18CSC30-Project: PART-1	18CSC30-Project: PART-1	18CSE26 - Data Science and Big Data Analytics	18CSC24-Software Engineering	18CSC23-Data Communications & Computer	18MT005-Decision Theory
18MT002-Graph Theory	18CSE04-Mobile Application Development	18CSC20-Operating Systems Lab	18CSC20-Operating Systems Lab	18CSE14-Network and System	18CSE24-DevOps		18CSC30-Project: PART-1	18CSC30-Project: PART-1	18CSE26 - Data Science and Big Data Analytics	18CSC24-Software Engineering	18CSC23-Data Communications & Computer	18MT003-Number Theory
18MT003-Number Theory	18CSE04-Mobile Application Development	18CSC20-Operating Systems Lab	18CSC20-Operating Systems Lab	18CSE14-Network and System	18CSE24-DevOps		18CSC30-Project: PART-1	18CSC30-Project: PART-1	18CSE26 - Data Science and Big Data Analytics	18CSC24-Software Engineering	18CSC23-Data Communications & Computer	18MT005-Decision Theory
18MT005-Decision Theory	18CSE04-Mobile Application Development	18CSC20-Operating Systems Lab	18CSC21-Design and Analysis of Algorithms Lab	18CSE14-Network and System	18CSE24-DevOps		18CSC30-Project: PART-1	18CSC30-Project: PART-1	18CSE26 - Data Science and Big Data Analytics	18CSC24-Software Engineering	18CSC23-Data Communications & Computer	18MT003-Number Theory
18CSC20-Operating Systems Lab	18MT005-Decision Theory	18CSC20-Operating Systems Lab	18CSC21-Design and Analysis of Algorithms Lab	18CSE14-Network and System	18CSE24-DevOps		18CSC30-Project: PART-1	18CSC30-Project: PART-1	18CSE26 - Data Science and Big Data Analytics	18CSC24-Software Engineering	18CSC23-Data Communications & Computer	18MT005-Decision Theory
18CSC21-Design and Analysis of Algorithms Lab	18CSC20-Operating Systems Lab	18CSC20-Operating Systems Lab	18CSC21-Design and Analysis of Algorithms Lab	18CSE14-Network and System	18CSE24-DevOps		18CSC30-Project: PART-1	18CSC30-Project: PART-1	18CSE26 - Data Science and Big Data Analytics	18CSC24-Software Engineering	18CSC23-Data Communications & Computer	18MT003-Number Theory
18CSC22-Mini Project	18CSC21-Design and Analysis of Algorithms Lab	18CSC20-Operating Systems Lab	18CSE08-Mobile Application Development	18CSE14-Network and System	18CSE24-DevOps		18CSC30-Project: PART-1	18CSC30-Project: PART-1	18CSE26 - Data Science and Big Data Analytics	18CSC24-Software Engineering	18CSC23-Data Communications & Computer	18MT005-Decision Theory
18CSE05-Web and Internet Technologies	18CSC21-Design and Analysis of Algorithms Lab	18CSC20-Operating Systems Lab	18CSE08-Mobile Application Development	18CSE14-Network and System	18CSE24-DevOps		18CSC30-Project: PART-1	18CSC30-Project: PART-1	18CSE26 - Data Science and Big Data Analytics	18CSC24-Software Engineering	18CSC23-Data Communications & Computer	18MT003-Number Theory
18CSE08-Mobile Application Development	18CSC21-Design and Analysis of Algorithms Lab	18CSC20-Operating Systems Lab	18CSE08-Mobile Application Development	18CSE14-Network and System	18CSE24-DevOps		18CSC30-Project: PART-1	18CSC30-Project: PART-1	18CSE26 - Data Science and Big Data Analytics	18CSC24-Software Engineering	18CSC23-Data Communications & Computer	18MT005-Decision Theory
18CSC23-Data Communications & Computer	18CSC21-Design and Analysis of Algorithms Lab	18CSC20-Operating Systems Lab	18CSE08-Mobile Application Development	18CSE14-Network and System	18CSE24-DevOps		18CSC30-Project: PART-1	18CSC30-Project: PART-1	18CSE26 - Data Science and Big Data Analytics	18CSC24-Software Engineering	18CSC23-Data Communications & Computer	18MT003-Number Theory
18CSC24-Software Engineering	18CSC21-Design and Analysis of Algorithms Lab	18CSC20-Operating Systems Lab	18CSE08-Mobile Application Development	18CSE14-Network and System	18CSE24-DevOps		18CSC30-Project: PART-1	18CSC30-Project: PART-1	18CSE26 - Data Science and Big Data Analytics	18CSC24-Software Engineering	18CSC23-Data Communications & Computer	18MT005-Decision Theory
Engineering	18CSC21-Design and Analysis of Algorithms Lab	18CSC20-Operating Systems Lab	18CSE08-Mobile Application Development	18CSE14-Network and System	18CSE24-DevOps		18CSC30-Project: PART-1	18CSC30-Project: PART-1	18CSE26 - Data Science and Big Data Analytics	18CSC24-Software Engineering	18CSC23-Data Communications & Computer	18MT003-Number Theory

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Head, Dept. of CSE, CBIT(A)

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## Department of Computer Science and Engineering

18CSC25- Artificial Intelligence	18CSC24- Software Engineering	18EEM01-Indian Traditional Knowledge	18CSC26-Data Communication and Computer	18CSE22-Human Computer Interaction												18CSC28- Compiler Design	18CSC28- Compiler Design	18CSE22-Human Computer Interaction	18CSE20-Cyber Security
18MBC01- Engineering Economics and	18CSC25- Artificial Intelligence	18CSE09- Internet of Things	18CSC27-Case Study Lab	18CSE23 - Neural Networks and Deep												18CSE17-Data Science and Big Data Analytics	18CSE17-Data Science and Big Data Analytics	18CSE17-Data Science and Big Data Analytics	18CSE20-Cyber Security
18CSE09- Internet of Things	18MBC01- Engineering Economics and	18CSE11-Cloud Computing	18CSE11-Cloud Computing	18CSE24- DevOps												18CSE20-Cyber Security	18CSE20-Cyber Security	18CSE20-Cyber Security	18CSE11-Cloud Computing
18CSE11-Cloud Computing	18CSE09- Internet of Things	18CSE13-Soft Computing	18CSE13-Soft Computing	18CE002- Disaster Mitigation and												18CSE22-Human Computer Interaction	18CSE22-Human Computer Interaction	18CSE22-Human Computer Interaction	18CSE13-Soft Computing
18CSE13-Soft Computing	18CSE11-Cloud Computing	18CSE14- Network and System	18CSE14- Network and System	18CSC29- Compiler Design												18CSE23 - Neural Networks and Deep	18CSE23 - Neural Networks and Deep	18CSE23 - Neural Networks and Deep	18CSE14- Network and System
18CSE14- Network and System	18CSE13-Soft Computing	18CSE16-Free and Open-Source Software	18CSE16-Free and Open-Source Software	18CSC30- Compiler Design Lab												18CSC30- Compiler Design Lab	18CSC30- Compiler Design Lab	18CSC30- Compiler Design Lab	18CSE16-Free and Open-Source Software
18CSE16-Free and Open-Source Software	18CSE14- Network and System	18CSC26-Data Communication and Computer	18CSC26-Data Communication and Computer	18CSC29- Compiler Design Lab												18CSC29- Compiler Design Lab	18CSC29- Compiler Design Lab	18CSC29- Compiler Design Lab	18CSE14- Network and System
18CSC26-Data Communication and Computer	18CSE16-Free and Open-Source Software	18CSC27-Case Study Lab	18CSC27-Case Study Lab	18CE002- Disaster Mitigation and												18CSC24- DevOps	18CSC24- DevOps	18CSC24- DevOps	18CSE16-Free and Open-Source Software
18CSC27-Case Study Lab	18CSC26-Data Communication and Computer	18BT001 - Basics of Biology	18CSC27-Case Study Lab	18CSC26 - Data Science and Big Data Analytics												18CSC27 - Machine Learning Lab	18CSC27 - Machine Learning Lab	18CSC27 - Machine Learning Lab	18CSC26-Data Communication and Computer
18BT001 - Basics of Biology	18CSC27-Case Study Lab	18CSC28- Compiler Design	18CSC28- Compiler Design	18CSE26 - Data Science and Big Data Analytics												18CSC26 - Data Science and Big Data Analytics	18CSC26 - Data Science and Big Data Analytics	18CSC26 - Data Science and Big Data Analytics	18CSC28- Compiler Design
18CSC28- Compiler Design	18BT001 - Basics of Biology	18CSE17-Data Science and Big Data Analytics	18CSE17-Data Science and Big Data Analytics	18CSC30- Project: PART-1												18CSC30- Project: PART-1	18CSC30- Project: PART-1	18CSC30- Project: PART-1	18CSE17-Data Science and Big Data Analytics
18CSE17-Data Science and Big Data Analytics	18CSC28- Compiler Design	18CSE18- Machine Learning	18CSE18- Machine Learning	18CSE32-Social Networking and its Impact												18CSC29- Compiler Design Lab	18CSC29- Compiler Design Lab	18CSC29- Compiler Design Lab	18CSE18- Machine Learning
18CSE18- Machine Learning	18CSC28- Compiler Design	18CSE20-Cyber Security	18CSE20-Cyber Security	18CSC31 - Technical Seminar												18CSC27 - Machine Learning Lab	18CSC27 - Machine Learning Lab	18CSC27 - Machine Learning Lab	18CSE20-Cyber Security
18CSE20-Cyber Security	18CSE18- Machine Learning	18CSE22-Human Computer Interaction	18CSE22-Human Computer Interaction	18CSC32 - Social Networking and its Impact												18CSC26 - Data Science and Big Data Analytics	18CSC26 - Data Science and Big Data Analytics	18CSC26 - Data Science and Big Data Analytics	18CSE18- Machine Learning
18CSE22-Human Computer Interaction	18CSE18- Machine Learning	18CSE23 - Neural Networks and Deep	18CSE23 - Neural Networks and Deep	18CSC33- Blockchain Technology												18CSC26 - Data Science and Big Data Analytics	18CSC26 - Data Science and Big Data Analytics	18CSC26 - Data Science and Big Data Analytics	18CSE22-Human Computer Interaction
18CSE23 - Neural Networks and Deep	18CSE22-Human Computer Interaction	18CSE26 - Data Science and Big Data Analytics	18CSE26 - Data Science and Big Data Analytics	18CSC33- Blockchain Technology												18CSC26 - Data Science and Big Data Analytics	18CSC26 - Data Science and Big Data Analytics	18CSC26 - Data Science and Big Data Analytics	18CSE23 - Neural Networks and Deep
18CSE26 - Data Science and Big Data Analytics	18CSE22-Human Computer Interaction	18CSE27 - Machine Learning	18CSE27 - Machine Learning	18CSC33- Blockchain Technology												18CSC26 - Data Science and Big Data Analytics	18CSC26 - Data Science and Big Data Analytics	18CSC26 - Data Science and Big Data Analytics	18CSE26 - Data Science and Big Data Analytics
18CSE27 - Machine Learning	18CSE22-Human Computer Interaction	18CSE29-Cyber Security Lab	18CSE29-Cyber Security Lab	18CSC33- Blockchain Technology												18CSC26 - Data Science and Big Data Analytics	18CSC26 - Data Science and Big Data Analytics	18CSC26 - Data Science and Big Data Analytics	18CSE27 - Machine Learning
18CSE29-Cyber Security	18CSE22-Human Computer Interaction	18CSE32-Social Networking and its Impact	18CSE32-Social Networking and its Impact	18CSC33- Blockchain Technology												18CSC26 - Data Science and Big Data Analytics	18CSC26 - Data Science and Big Data Analytics	18CSC26 - Data Science and Big Data Analytics	18CSE29-Cyber Security
18CSE32-Social Networking and its Impact	18CSE22-Human Computer Interaction	18CSE33- Blockchain Technology	18CSE33- Blockchain Technology	18CSC33- Blockchain Technology												18CSC26 - Data Science and Big Data Analytics	18CSC26 - Data Science and Big Data Analytics	18CSC26 - Data Science and Big Data Analytics	18CSE32-Social Networking and its Impact
18CSE33- Blockchain Technology	18CSE22-Human Computer Interaction	18MEO04- Entrepreneurship	18MEO04- Entrepreneurship	18CSC31 - Technical Seminar												18CSC26 - Data Science and Big Data Analytics	18CSC26 - Data Science and Big Data Analytics	18CSC26 - Data Science and Big Data Analytics	18CSE33- Blockchain Technology
18MEO04- Entrepreneurship	18CSE22-Human Computer Interaction	18CSE31 - Technical Seminar	18CSE31 - Technical Seminar	18CSC31 - Technical Seminar												18CSC26 - Data Science and Big Data Analytics	18CSC26 - Data Science and Big Data Analytics	18CSC26 - Data Science and Big Data Analytics	18MEO04- Entrepreneurship
18CSE31 - Technical Seminar	18CSE22-Human Computer Interaction															18CSC26 - Data Science and Big Data Analytics	18CSC26 - Data Science and Big Data Analytics	18CSC26 - Data Science and Big Data Analytics	18CSE31 - Technical Seminar

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