

PRASAD V POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY (AUTONOMOUS)									
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING									
NAME OF THE COURSE : ADVANCED DATA STRUCTURES					BRANCH: CSE		COURSE CODE : 20CS3402		
ACADEMIC YEAR : 2022-23					NO. OF STUDENTS : 213				
Name of the Faculty: Dr. S. MADHAVI, Ms. Y. SUREKHA, Dr. M. SAILAJA									
MICRO RESULT ANALYSIS									

		A: ATTEMPTED	P: PERFORMED		
Course Outcomes					
Upon successful completion of the course, the student will be able to					
CO1	Understand the basic principles and operations of Data Structures				L2
CO2	Apply Hashing and String Matching Techniques for solving problems effectively				L3
CO3	Apply the concept of advanced Trees and Graphs for Solving Problems effectively				L3
CO4	Analyze the given scenario and choose appropriate data structure for solving problems				L4

INTERNAL MARKS																				
EXAMS	OBJECTIVE-I	OBJECTIVE-II	ASSIGNMENT-I	ASSIGNMENT-II	DESCRIPTIVE-I						DESCRIPTIVE-II									
CO'S	Q1 - Q20	Q1-Q20			Q1(a)	Q1(b)	Q2(a)	Q2(b)	Q3(a)	Q3(b)	Q1(a)	Q1(b)	Q2(a)	Q2(b)	Q3(a)	Q3(b)	INTERNAL CO'S ATTAINMNET			ATTAINMENT VALUE
	CO1	CO1	CO2,CO3	CO3,CO4	CO1	CO2	CO3	CO3	CO3	CO3	CO3	CO3	CO4	CO1,CO4	CO1	CO2				
	UNITS - 1, 2, 3	UNITS-3,4,5	UNITS - 1, 2, 3	UNITS-3,4,5	U-1	U-1	U-2	U-2	U-3	U-3	U-3	U-3	U-4	U-4	U-5	U-5				
	P/A	P/A	P/A	P/A	P/A	P/A	P/A	P/A	P/A	P/A	P/A	P/A	P/A	P/A	P/A	P/A	P	A	%	
CO1	131/213	116/213			159/213									154/196	138/203		698	1038	67.24	2.02
CO2			213/213			182/212										148/200	543	625	86.88	2.61
CO3			213/213	213/213			189/211	167/207	164/210	180/209	154/209	168/210					1448	1682	86.09	2.58
CO4				213/213									149/202	154/196			516	611	84.45	2.53

EXTERNAL MARKS																					
	UNIT-1				UNIT-2			UNIT-3			UNIT-4				UNIT-5			EXTERNAL CO'S ATTAINMNET			ATTAINMENT VALUE
CO'S	CO1	CO2	CO1	CO2	CO1	CO2	CO1	CO1	CO4	CO1	CO3	CO3	CO1	CO3	CO1	CO3	CO4				
Q.NO.	1a	1b	2a	2b	3a	3b	4a	5a	5b	6a	7a	7b	8a	8b	9a	9b	10a	P	A	%	
CO1	147/185		20/35		33/67		71/151	37/114		68/123			24/43		35/62			435	780	55.77	1.67
CO2		85/176		18/34		54/86												157	296	53.04	1.59
CO3											115/197	126/195		18/37		36/63		295	492	59.96	1.8
CO4									74/116								91/155	165	271	60.89	1.83

Internal and External Performance (CO DA-ATTAINMENT VALUE)								
CO'S	CO ATTAINMENT (INTERNAL)		CO ATTAINMENT (EXTERNAL)		CO ATTAINMENT (FINAL)			ATTAINMENT VALUE
	P	A	P	A	P	A	%	
CO1	698	1038	435	780	1133	1818	62.32	1.87
CO2	543	625	157	296	700	921	76.00	2.28
CO3	1448	1682	295	492	1743	2174	80.17	2.41
CO4	516	611	165	271	681	882	77.21	2.32

Internal and External Performance (CO ATTAINMENT)											
COs	INTERNAL	EXTERNAL	CO-DA-TOTAL				CO-IDA-TOTAL			CO -OVERALL ATTAINMENT %	ATTAINMENT VALUE
	TOTAL	TOTAL	TOTAL	AMT	CO-DA ATTAINMENT	CO-DA-80%	AMT (%)	CO-IDA ATTAINMENT	CO-IDA -20%		
	P/A	P/A	P/A	%							
CO1	698/1038	435/780	1133/1818	62.32	1.87	49.86	82.1	2.46	16.42	66.28	1.99
CO2	543/625	157/296	700/921	76.00	2.28	60.8	79.81	2.39	15.96	76.76	2.30
CO3	1448/1682	295/492	1743/2174	80.17	2.41	64.14	79.42	2.38	15.88	80.02	2.40
CO4	516/611	165/271	681/882	77.21	2.32	61.77	78.85	2.37	15.77	77.54	2.33

Target Attainment Value for the course is 1.91				
COURSE	TARGET CO	CO ATTAIN	GAP ANALYSIS	SUGGESTIONS
CO1	1.86	1.87	0.01	When compared to the previous academic year though there is a slight improvement in this CO attainment, It is still recommended to continue using more visual aids to enable them to differentiate between the Basic Data Structures and Advanced data structures Trees concepts and make concepts easy by explaining through various Animation Tools
CO2	1.92	2.28	0.36	When compared to the previous academic year though there is a slight improvement in this CO attainment, It is still recommended to make student solve problems using advanced concepts of hashing and string matching techniques and make them able to apply appropriate Hashing and String Matching techniques in a given scenario to obtain optimized outputs effectively.
CO3	1.92	2.41	0.49	When compared to the previous academic year though there is a slight improvement in this CO attainment, It is still recommended to make student practice complex programs in lab and make them able to apply the concepts of advanced Trees and Graphs for solving a given scenario effectively
CO4	1.92	2.32	0.40	It is recommended to make Students practice more complex case studies and enable them to analyze the given scenario and choose appropriate Data Structure for solving problems.
	1.91	2.22		

Direct Attainment Value CO- PO & PSOs															
CO	DA-CO-AV	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	1.87	3.00													
CO2	2.28	2.00								1	1		1	1	1
CO3	2.41	2.00								1	1		1	1	1
CO4	2.32		2							1	1		1		1
PO & PSO Direct		2.14	2.32							2.34	2.34		2.34	2.35	2.34

Indirect Attainment Value CO- PO & PSOs															
CO	DA-CO-AV	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2.46	3													
CO2	2.39	2								1	1		1	1	1
CO3	2.38	2								1	1		1	1	1
CO4	2.37		2							1	1		1		1
PO & PSO		2.42	2.37							2.38	2.38		2.38	2.39	2.38

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING																			
Academic Year - 2022-23																			
Course Name: ADVANCED DATA STRUCTURES						Internal Exam Marks						Course Code: 20CS3402							
Name of the Faculty: Dr. S. MADHAVI, Ms. Y. SUREKHA, Dr. M. SAILAJA																			
II B.TECH II SEMESTER																			
INTERNAL MARKS																			
						Q-1(A)	Q-1(B)	Q-2(A)	Q-2(B)	Q-3(A)	Q-3(B)	TOTAL	Q-1(A)	Q-1(B)	Q-2(A)	Q-2(B)	Q-3(A)	Q-3(B)	TOTAL
S.No	Reg.No	OBJECTIVE-1	OBJECTIVE-2	ASSIGNMENT-1	ASSIGNMENT-2	SESSIONAL-1							SESSIONAL-2						
		CO1	CO1	CO2,CO3	CO3,CO4	CO1	CO2	CO3	CO3	CO3	CO3		CO3	CO3	CO4	CO1,CO4	CO1	CO2	
						2.5 M	2.5 M	3 M	2 M	3 M	2 M		2.5M	2.5M	1.5M	3.5 M	2.5 M	2.5 M	
1	21501A0501	10	10	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
2	21501A0502	9	8	5	5	2.5	2.5		2	1.5	2	10.5	2.5	2.5	1.5	3.5	2.5	2.5	15
3	21501A0503	9	9	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
4	21501A0504	9	10	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
5	21501A0505	8.5	9.5	5	5	2.5	2.5	3	2	3	1	14	2.5	2.5	1.5	3.5	2.5	2.5	15
6	21501A0506	9	9.5	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
7	21501A0507	9.5	9.5	5	5	2.5	2.5	3	2	2	2	14	2.5	2.5	1.5	2	2.5	2.5	13.5
8	21501A0508	7	9.5	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
9	21501A0509	7	9	5	5	0.5		3	1	0.5		5	1	1	1	1	1	1	6
10	21501A0510	9.5	9	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
11	21501A0511	10	9.5	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
12	21501A0512	10	10	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
13	21501A0513	7.5	7.5	5	5	2.5	2.5	3		0.5	2	10.5	2.5	2.5	1.5	3.5	2.5	2.5	15
14	21501A0514	10	7.5	5	5	2.5	2.5	3	1	1	2	12	2.5	2.5	1.5	3.5	2.5	2.5	15
15	21501A0515	9.5	8.5	5	5	2.5	2.5	3	2	3		13	2.5	2.5	1.5	3.5	2.5	2.5	15
16	21501A0516	9	9.5	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	2.5	2.5	2.5	14
17	21501A0517	10	9	5	5	2.5	2.5	3	2	1	2	13	2.5	2.5	1.5	3.5	2.5	2.5	15
18	21501A0518	10	9	5	5	2.5	2.5	3	0.5		2	10.5	1	1.5	1	3.5	2		9
19	21501A0519	8	8	5	5	2.5	2.5	3	2	1	2	13	2.5	2.5	1.5	3.5	2.5	2.5	15
20	21501A0520	9	8	5	5	2.5	2.5	3	2		2	12	1	2	0.5				3.5
21	21501A0521	10	9.5	5	5	2.5	2.5	3	1	2	2	13	2.5	2.5	1.5	0.5	2.5	2.5	12
22	21501A0522	9.5	9	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	2	2.5	2.5	13.5
23	21501A0523	9.5	6.5	5	5	2.5	2.5	3	0.5	3	2	13.5	2.5	2.5	1.5	3.5	2.5	2.5	15
24	21501A0524	9.5	7	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
25	21501A0525	9	10	5	5	2.5	2.5	3	2	3	1	14	2.5	2.5	1.5	3.5	2.5	2.5	15
26	21501A0526	7	10	5	5	2.5	2.5	3		0	0	8	2.5	2.5	1.5	3.5	2.5	2.5	15
27	21501A0527	8.5	9	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5			10
28	21501A0528	9.5	9	5	5	2.5	2.5	3	2	3	0	13	2	2.5		3.5	2.5	2.5	13

						Q-1(A)	Q-1(B)	Q-2(A)	Q-2(B)	Q-3(A)	Q-3(B)	TOTAL	Q-1(A)	Q-1(B)	Q-2(A)	Q-2(B)	Q-3(A)	Q-3(B)	TOTAL
S.No	Reg.No	OBJECTIVE-1	OBJECTIVE-2	ASSIGNMENT-1	ASSIGNMENT-2	SESSIONAL-1							SESSIONAL-2						
		CO1	CO1	CO2,CO3	CO3,CO4	CO1	CO2	CO3	CO3	CO3	CO3		CO3	CO3	CO4	CO1,CO4	CO1	CO2	
						2.5 M	2.5 M	3 M	2 M	3 M	2 M		2.5M	2.5M	1.5M	3.5 M	2.5 M	2.5 M	
29	21501A0529	9.5	8.5	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	1.5	2.5	14
30	21501A0530	10	7.5	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
31	21501A0531	9.5	10	5	5	2.5	2.5	3	2	3	2	15	0.5	2.5	1.5	0.5	2.5	2.5	10
32	21501A0532	10	7.5	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
33	21501A0533	9.5	8	5	5	2.5	2.5	3	2	3	1	14	2.5	2.5	1.5	3.5	2.5	2.5	15
34	21501A0534	9.5	8	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
35	21501A0535	8.5	9.5	5	5	2.5	2.5	3	1	1	1	11	2.5	2.5	1.5	3.5	2.5	2.5	15
36	21501A0536	7	6.5	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5		1.5	2.5	2.5	11.5
37	21501A0537	9	7.5	5	5	2.5	2.5			3	2	10	0.5						0.5
38	21501A0538	9.5	8.5	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
39	21501A0539	10	9.5	5	5	2.5	2.5	3	2	3	2	15	0.5	2.5	1.5		2.5	2.5	9.5
40	21501A0540	8.5	9.5	5	5	2.5	2.5	3	2	1	2	13	2.5	2.5	1.5	3.5	2.5	2.5	15
41	21501A0541	8	9.5	5	5	2.5	2.5	3		3	2	13	0.5		1	3.5	2.5	2.5	10
42	21501A0542	9.5	9.5	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
43	21501A0544	9	10	5	5	2.5	2.5	3	2	3	2	15	1	2.5	1.5	3.5	2.5	2.5	13.5
44	21501A0545	9	10	5	5	2.5	2.5	3	2	1	2	13	2.5	2.5	1.5	3.5	2.5	2.5	15
45	21501A0546	10	9.5	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
46	21501A0547	9.5	10	5	5	2.5	2.5	3	2	0	2	12	2.5	2.5	1.5	3.5	2.5	2.5	15
47	21501A0548	9.5	10	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
48	21501A0549	9.5	9	5	5	2.5	2.5	3	2	3	2	15	2	2.5	1.5	3.5	2.5	2.5	14.5
49	21501A0550	10	9.5	5	5	2.5	2.5	3	2	3	1	14	2.5	2.5	1.5	3.5	2.5	2.5	15
50	21501A0551	8.5	8.5	5	5	2.5	2.5	3	2	3	1	14	2.5	2.5	1.5	2	2	2	12.5
51	21501A0552	10	9.5	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
52	21501A0553	9.5	9	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
53	21501A0554	9	10	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5				6.5
54	21501A0555	9	9.5	5	5	2.5	2.5	3	2	3	2	15	1.5	0.5	1	2	2	2	9
55	21501A0556	7	9.5	5	5	0.5	2.5	3	2	3	2	13	2.5	2.5	1.5	3.5	2.5		12.5
56	21501A0557	10	9.5	5	5	2.5	2.5	3	2	3	2	15	2.5	0.5	1.5	3.5	2.5	2	12.5
57	21501A0558	9.5	9.5	5	5	2.5	2.5	3	2	1	2	13	2.5	2.5	1.5	3.5	2.5	2.5	15
58	21501A0559	10	9.5	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
59	21501A0560	10	9.5	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5		3.5	2.5	2.5	13.5
60	21501A0561	6.5	10	5	5	2.5	2.5	3	1	1	2	12							0
61	21501A0562	5.5	10	5	5	2.5	2.5	3	2	1	2	13	1.5	2.5		3.5	2.5	2.5	12.5
62	21501A0563	8.5	9.5	5	5	2.5	2.5	3	2	3	1	14	2.5	2.5	1.5	3.5	2.5	2.5	15
63	21501A0564	9	8.5	5	5	2.5	2.5	3	2	3	2	15	2	2.5	1.5	3.5	2.5	2.5	14.5
64	21501A0565	9	8.5	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
65	21501A0566	9.5	9	5	5	2.5	2.5	3	1	3	2	14	0.5	1	1	1	1		4.5
66	22505A0501	8	10	5	5	2.5	2.5	3	2	3	2	15	0.5	2.5	1	1	2	2	9
67	22505A0502	7	10	5	5	2.5	2.5	3	1	1	0	10	2.5	2.5	1.5	1.5	2.5	2.5	13
68	22505A0503	6	10	5	5	2.5	2.5	3	0	1	2	11	2.5	2.5	1.5	3.5	1	1	12

						Q-1(A)	Q-1(B)	Q-2(A)	Q-2(B)	Q-3(A)	Q-3(B)		Q-1(A)	Q-1(B)	Q-2(A)	Q-2(B)	Q-3(A)	Q-3(B)	
S.No	Reg.No	OBJECTIVE-1	OBJECTIVE-2	ASSIGNMENT-1	ASSIGNMENT-2	SESSIONAL-1						TOTAL	SESSIONAL-2						TOTAL
		CO1	CO1	CO2,CO3	CO3,CO4	CO1	CO2	CO3	CO3	CO3	CO3		CO3	CO3	CO4	CO1,CO4	CO1	CO2	
						2.5 M	2.5 M	3 M	2 M	3 M	2 M		2.5M	2.5M	1.5M	3.5 M	2.5 M	2.5 M	
69	22505A0504	7	8	5	5	2.5	2.5	3	2	1	1	12	1	2.5	1.5			2.5	7.5
70	22505A0505	7	10	5	5	2.5	2.5	3	1	1	0	10	2.5	2.5		1.5	2.5	2.5	11.5
71	22505A0506	6.5	10	5	5	2.5	2.5	3	2	1	2	13	2.5	2.5	1.5	3.5	2.5	2.5	15
72	22505A0507	8.5	10	5	5	2.5	2.5	3	2	1	2	13	1	2.5	1.5	3.5	2.5	2.5	13.5
73	21501A0567	10	10	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
74	21501A0568	10	10	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
75	21501A0569	8	9	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
76	21501A0570	8.5	9.5	5	5	2	2	3	2	3	2	14	2	2	1.5	3.5	2.5	2.5	14
77	21501A0571	8.5	9.5	5	5	2	2	2.5	1.5	3	2	13	2.5	2.5	1.5	3	2	2.5	14
78	21501A0572	9.5	9.5	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2	2	14
79	21501A0573	9	10	5	5	2.5	2.5	3	2	3	2	15	2	2	1.5	3.5	2.5	2.5	14
80	21501A0574	10	10	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
81	21501A0575	8	9	5	5	2	2	3	2	3	2	14	2	2	1.5	3.5	2.5	2.5	14
82	21501A0576	5.5	6.5	5	5	1.5	2.5	2.5	2	3		11.5	1	2	1	2.5	2.5	2.5	11.5
83	21501A0577	8.5	9	5	5	2	2.5	3	2	3	2	14.5	2.5	2	1.5	2	2.5	2.5	13
84	21501A0578	9	10	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
85	21501A0579	9.5	9	5	5	2	2.5	3	2	3	2	14.5	2	2	1.5	3.5	2.5	2.5	14
86	21501A0580	9.5	9	5	5	2.5	2.5	2.5	2	3	2	14.5	2.5	2.5	1.5	3	2.5	2.5	14.5
87	21501A0581	9	10	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
88	21501A0582	6.5	6	5	5	2	2.5	2.5	2	3	2	14	2.5	2.5	1.5	3	2.5	2.5	14.5
89	21501A0583	10	10	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
90	21501A0584	10	10	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
91	21501A0585	10	10	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
92	21501A0586	9	9	5	5	2.5	2.5	3	2	3	2	15	2	2	1.5	3.5	2.5	2.5	14
93	21501A0587	8.5	9.5	5	5	2	2.5	3	2	3	2	14.5	2	2	1.5	3	2	2.5	13
94	21501A0588	9	10	5	5	2.5	2.5	3	2	3	2	15	2	2	1.5	3.5	2.5	2.5	14
95	21501A0589	9	10	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3	2.5	2.5	14.5
96	21501A0590	9	9	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3	2	2.5	14
97	21501A0591	9	9	5	5	2.5	2.5	3	2	3	2	15	2.5	2	1	3.5	2.5	2.5	14
98	21501A0592	10	10	5	5	2	2	3	2	3	2	14	2	2	1.5	3.5	2.5	2.5	14
99	21501A0593	10	10	5	5	2.5	2.5	2.5	2	2.5	2	14	2	2	1.5	3.5	2.5	2.5	14
100	21501A0594	9	9	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3	2	2.5	14
101	21501A0595	10	9	5	5	2	2	3	2	3	2	14	2.5	2.5	1.5	3	2	2.5	14
102	21501A0596	9	10	5	5	2.5	2.5	2	2	3	2	14	2.5	2.5	1	3	2.5	2.5	14
103	21501A0597	10	10	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
104	21501A0598	8.5	9.5	5	5	2.5	2.5	2.5	1.5	3	2	14	2	2	1.5	3.5	2.5	2.5	14
105	21501A0599	6	5	5	5	2	2	3	2	3	2	14	2	2.5	1.5	3	2	2	13
106	21501A05A0	9	10	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3	2.5	2.5	14.5
107	21501A05A1	10	10	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
108	21501A05A2	8.5	9.5	5	5	2.5	2.5	2.5	1.5	2.5	1.5	13	2.5	2.5	1.5	3	2.5	2	14

						Q-1(A)	Q-1(B)	Q-2(A)	Q-2(B)	Q-3(A)	Q-3(B)		Q-1(A)	Q-1(B)	Q-2(A)	Q-2(B)	Q-3(A)	Q-3(B)	
S.No	Reg.No	OBJECTIVE-1	OBJECTIVE-2	ASSIGNMENT-1	ASSIGNMENT-2	SESSIONAL-1						TOTAL	SESSIONAL-2						TOTAL
		CO1	CO1	CO2,CO3	CO3,CO4	CO1	CO2	CO3	CO3	CO3	CO3		CO3	CO3	CO4	CO1,CO4	CO1	CO2	
						2.5 M	2.5 M	3 M	2 M	3 M	2 M		2.5M	2.5M	1.5M	3.5 M	2.5 M	2.5 M	
109	21501A05A3	8	8	5	5	2	2	2	1	2	2	11	2.5	2.5	0	3.5	2	1	11.5
110	21501A05A4	9	9	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
111	21501A05A5	8	8	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1	3.5	2	2.5	14
112	21501A05A6	9	10	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
113	21501A05A7	9	10	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
114	21501A05A8	10	10	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
115	21501A05A9	10	9	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
116	21501A05B0	7	8	5	5	2	2	2	2	2	2	12	1	2	1.5	2	2.5	2.5	11.5
117	21501A05B1	8	10	5	5	2	2	1	0	3	2	10	2.5	2.5	1.5	2.5	1.5	2.5	13
118	21501A05B2	7.5	8.5	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	2	2	2	12.5
119	21501A05B4	9	10	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
120	21501A05B5	10	10	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
121	21501A05B6	10	10	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
122	21501A05B7	10	10	5	5	2	2	3	2	3	2	14	2.5	2.5	1.5	3.5	2.5	2.5	15
123	21501A05B8	10	10	5	5	2.5	2.5	2	2	3	2	14	2.5	2.5	1.5	3.5	2.5	2.5	15
124	21501A05B9	10	10	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
125	21501A05C0	10	10	5	5	2.5	2.5	3	1	3	2	14	2.5	2.5	1.5	3.5	2.5	2.5	15
126	21501A05C1	10	10	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
127	21501A05C2	9	9	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3	2	2.5	14
128	21501A05C3	9	10	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
129	21501A05C4	9	10	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
130	21501A05C5	9	10	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
131	21501A05C6	10	10	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
132	21501A05C7	8.5	9.5	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
133	21501A05C8	10	9	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
134	21501A05C9	10	9	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
135	21501A05D0	10	9	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
136	21501A05D1	10	10	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
137	21501A05D2	7	10	5	5	2	2	2.5	1.5	1	2	11	0.5	2.5	1	1	2.5	2.5	10
138	22505A0508	10	10	5	5	2	2	3	2	3	2	14	2.5	2.5	1.5	3.5	2.5	2.5	15
139	22505A0509	9	9	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
140	22505A0510	10	10	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
141	22505A0511	10	9	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
142	22505A0512	10	9	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
143	22505A0513	9	9	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
144	21501A05D3	5.5	8	5	5	2.5	2.5	3	1	1	2	12	2.5	2.5	1.5		2.5		9
145	21501A05D4	7	7.5	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1	2	1.5	1.5	11
146	21501A05D5	5	7.5	5	5	2.5	2.5	3	2	3	2	15	1.5	2.5	1	1	2	2	10
147	21501A05D6	6	7	5	5	1.5	2.5	3	0	1	2	10	2	2		0	1.5	1.5	7
148	21501A05D7	5	5.5	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1	2	1.5	2.5	12

						Q-1(A)	Q-1(B)	Q-2(A)	Q-2(B)	Q-3(A)	Q-3(B)		Q-1(A)	Q-1(B)	Q-2(A)	Q-2(B)	Q-3(A)	Q-3(B)	
S.No	Reg.No	OBJECTIVE-1	OBJECTIVE-2	ASSIGNMENT-1	ASSIGNMENT-2	SESSIONAL-1						TOTAL	SESSIONAL-2						TOTAL
		CO1	CO1	CO2,CO3	CO3,CO4	CO1	CO2	CO3	CO3	CO3	CO3		CO3	CO3	CO4	CO1,CO4	CO1	CO2	
						2.5 M	2.5 M	3 M	2 M	3 M	2 M		2.5M	2.5M	1.5M	3.5 M	2.5 M	2.5 M	
149	21501A05D8	6.5	8	5	5	2.5	2.5	2	2	3	1	13		2			1	0	3
150	21501A05D9	5	8.5	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1	1	2	2	11
151	21501A05E0	6	7	5	5	2.5	2.5	3	2	3	1	14	2.5	2.5	1.5	3.5	2.5	2.5	15
152	21501A05E1	6.5	7.5	5	5	1.5	2.5	2	2	3	2	13	2.5	2.5	1.5	1.5	2	2	12
153	21501A05E2	5	6.5	5	5	0.5	1.5	3	2	3	2	12	1	2	1		2		6
154	21501A05E3	6	7	5	5	2	2	3	2	3	2	14	2	2	1		2	2	9
155	21501A05E4	3	7.5	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2	2	14
156	21501A05E5	4	8	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
157	21501A05E6	4	8	5	5	2.5	2.5	3	0	3	2	13	1.5	2.5	1	0	1	0	6
158	21501A05E7	4.5	7.5	5	5	1.5	1.5	2	0	3	2	10	2.5	2.5	1	2	1.5	1.5	11
159	21501A05E8	7.5	7.5	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1	2	2.5	2.5	13
160	21501A05E9	4.5	8	5	5	1.5	1.5	3	1	0	2	9	2	2	1			2	7
161	21501A05F0	2.5	8.5	5	5	2	2	3	0	1	2	10	2.5	2.5	1.5	3.5	2	2	14
162	21501A05F1	3	8.5	5	5	2.5	2.5	3	2			10	2.5	2.5	1.5	0.5	2	2	11
163	21501A05F2	2.5	8	5	5	2.5	2.5	3	2	3	0	13	2.5	2.5	1.5	1.5	2	2	12
164	21501A05F3	4	8	5	5	1.5	1.5	2	0	0	0	5	0	2.5	1	3		1.5	8
165	21501A05F4	5.5	6.5	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2.5	2.5	15
166	21501A05F5	6	7.5	5	5	2	2	3	0	0	2	9	2.5	2.5	1.5		2	2.5	11
167	21501A05F6	6	8	5	5	2.5	2.5	3	1	3	2	14	2	2	1.5	3.5	2	2	13
168	21501A05F7	6	8	5	5	2.5	2.5	3	2	0	1	11	2.5	2.5	1.5	3.5	2	2	14
169	21501A05F8	6.5	8	5	5	2	2	3	1	3	1	12	0	1	1	0	1	1	4
170	21501A05F9	6	7.5	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1	2	2	2	12
171	21501A05G0	7	6	5	5	2.5	2.5	3	2	0	0	10	2.5	2.5	1		2	2	10
172	21501A05G1	5.5	7.5	5	5	2	2	2	0	3	1	10	2	2.5	1.5		2.5	2.5	11
173	21501A05G2	6	7	5	5	1.5	1.5	0		3	1	7	2.5	2.5			2.5	2.5	10
174	21501A05G3	7.5	6.5	5	5	2.5	2.5	3	2	1	2	13	2.5	2.5	1	3	2	2	13
175	21501A05G4	7	6.5	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1	2	2.5	2.5	13
176	21501A05G5	6.5	5	5	5	2.5	2.5	3	2	0	2	12	2.5	2.5	1	3	2	2	13
177	21501A05G6	7	6.5	5	5	1	2	3	2	3	2	13	0	2.5	0.5	3	2	2	10
178	21501A05G7	8.5	7.5	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2	2	14
179	21501A05G8	4	6	5	5	2	2	3	2	3	2	14	2.5	2.5	1.5	3.5	2	2	14
180	21501A05G9	4	7.5	5	5	2.5	2.5	3	0	3	2	13	2.5	2.5	1.5	3.5			10
181	21501A05H0	6	5.5	5	5	2.5	2.5	2	2	0	2	11	2.5	2.5	1.5	1.5	2		10
182	21501A05H1	6.5	8	5	5	2.5	2.5	3	0	0	2	10	2.5	2.5			2.5	2.5	10
183	21501A05H3	6.5	8.5	5	5	2.5	2.5	3	2	3	2	15	2	2	1.5	3.5	2.5	2.5	14
184	21501A05H4	5.5	8.5	5	5	2.5	2.5	3	2	3	2	15	1	2.5	1	3.5	2.5	2.5	13
185	21501A05H5	7	7.5	5	5	2	2	3	2	3	2	14	2.5	2	1.5	2.5	2	2.5	13
186	21501A05H6	5.5	7.5	5	5	1.5	2.5	3	2	3	2	14	2.5	2.5	1.5	3.5	2.5	2.5	15
187	21501A05H7	4.5	8	5	5	1.5	2.5	3	2	3	2	14	2.5	2	1	3	2	2.5	13
188	21501A05H8	3	8	5	5	2.5	1.5	1	0	0	0	5	2.5	2.5	1	3	2.5	2.5	14

						Q-1(A)	Q-1(B)	Q-2(A)	Q-2(B)	Q-3(A)	Q-3(B)		Q-1(A)	Q-1(B)	Q-2(A)	Q-2(B)	Q-3(A)	Q-3(B)	
S.No	Reg.No	OBJECTIVE-1	OBJECTIVE-2	ASSIGNMENT-1	ASSIGNMENT-2	SESSIONAL-1						TOTAL	SESSIONAL-2						TOTAL
		CO1	CO1	CO2,CO3	CO3,CO4	CO1	CO2	CO3	CO3	CO3	CO3		CO3	CO3	CO4	CO1,CO4	CO1	CO2	
						2.5 M	2.5 M	3 M	2 M	3 M	2 M		2.5M	2.5M	1.5M	3.5 M	2.5 M	2.5 M	
189	21501A05H9	7	8	5	5	1.5	2.5	3	2	3	2	14	2	2	1	3	2	2	12
190	21501A05I0	8.5	7	5	5	1.5	2.5	3	2	3	2	14	2	2	1	2	1.5	1.5	10
191	21501A05I1	4	8.5	5	5	1	2	3	1	3	2	12	2	2	1.5	2.5	1.5	1.5	11
192	21501A05I2	2.5	8	5	5	1.5	2.5	3	2	3	2	14	1	1	1	1	2.5	2.5	9
193	21501A05I3	5.5	6	5	5	1.5	2.5	3	2	3	2	14	2.5	2.5	1	3	1	1	11
194	21501A05I4	4	7.5	5	5	2.5	2.5	3	2	3	2	15	0.5	2	0	2.5	2		7
195	21501A05I5	5.5	7.5	5	5	1.5	2.5	3	2	3	2	14	2.5	2.5	1.5	3.5	2	2	14
196	21501A05I6	7.5	8	5	5	1.5	2.5	1	0	0	2	7	2.5	2.5	1	3	1.5	1.5	12
197	21501A05I7	8.5	8	5	5	1.5	2.5	3	0	3	2	12	2	2	1	3	2	2	12
198	21501A05I8	9.5	8	5	5	2	2	3	0	3	0	10		2	0		2.5	2.5	7
199	21501A05I9	7.5	7.5	5	5	1.5	2.5	3	2	3	2	14	2	2	1	3		2	10
200	21501A05J0	8.5	7.5	5	5	2.5	2.5	3	2	1	2	13		2	1	3	2.5	2.5	11
201	21501A05J1	8.5	7.5	5	5	2	2	3	1	0	1	9	2.5	2.5	1	3	2.5	2.5	14
202	21501A05J2	8.5	8.5	5	5	1	2.5	3	2	3	2	13.5	2	2	1	3	2	1	11
203	21501A05J3	7.5	8	5	5	2.5	2.5	3	0	0	0	8	2.5	2.5	1	3	2	2	13
204	21501A05J4	9.5	8.5	5	5	1.5	2.5	3	2	1	2	12	2.5	2.5	1	3	1.5	1.5	12
205	21501A05J5	9	8	5	5	1.5	2.5	3	2	3	0	12	2.5	2.5	1	3	2.5	2.5	14
206	21501A05J6	7.5	7.5	5	5	2.5	2.5	3	2	3	2	15	1	1	1	1	1.5	1.5	7
207	21501A05J7	8	8	5	5	2.5	2.5	3	2	3	2	15	2.5	2.5	1.5	3.5	2	2	14
208	22505A05I4	8.5	5	5	5	1.5	2.5	3	1	3	2	13	2.5	2.5	1	3	2	2	13
209	22505A05I5	8.5	8	5	5	1.5	2.5	3	2	3	2	14	2.5	2.5	1.5	3.5	2.5	2.5	15
210	22505A05I6	9	8.5	5	5	1	2.5	3		3	0	9.5	2.5	2.5	1.5	3.5	2.5	2.5	15
211	22505A05I7	9.5	7	5	5	1.5	2.5	3	0	0	1	8	2.5	2.5	0.5	0.5	2	2	10
212	22505A05I8	9.5	6.5	5	5	2.5	2.5	3	2	0	2	12	2	2	1.5	3.5	2.5	2.5	14
213	22505A05I9	9	8	5	5	2.5	1.5	3	2	0	2	11	0.5	2.5	0	2	2	2	9
	Class Average	8.084507042	8.657276995	5	5	2.28169	2.412736	2.891	1.7295	2.492857	1.80622		2.20813	2.35952	1.341584	2.997449	2.2783	2.2975	
	Number of students who got atleast Class Average Marks Performed	131	116	213	213	159	182	189	167	164	180		154	168	149	154	138	148	
	PERFORMED	61.50234742	54.4600939	100	100	74.6479	85.84906	89.573	80.676	78.09524	86.1244	205	73.6842	80	73.76238	78.57143	67.98	74	196
	ATTEMPTED	213	213	213	213	213	212	211	207	210	209	213	209	210	202	196	203	200	213

PRASAD V POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY (AUTONOMOUS)																	
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING																	
Academic Year - 2022-23																	
Course Name: ADVANCED DATA STRUCTURES								External Exam Marks				Course Code: 20CS3402					
II B.TECH II SEMESTER																	
Name of the Faculty: Dr. S. MADHAVI, Ms. Y. SUREKHA, Dr. M. SAILAJA																	
S.NO.	UNIT-I				UNIT-II			UNIT-III			UNIT-IV				UNIT-V		
CO'S	CO1	CO2	CO1	CO2	CO1	CO2	CO1	CO1	CO4	CO1	CO3	CO3	CO1	CO3	CO1	CO3	CO4
Q.NO.	1(a)	1(b)	2 (a)	2 (b)	3 (a)	3 (b)	4(a)	5(a)	5(b)	6(a)	7 (a)	7 (b)	8 (a)	8 (b)	9 (a)	9 (b)	10 (a)
Max. Marks	7	7	7	7	7	7	14	7	7	14	7	7	7	7	7	7	14
1	7	3					8			7	8	3					9
2	7	7			6	7				6	6	4					9
3	4	7					12	6	7		9	3					11
4	7	6					11	6	6		10	4					13
5	7	0					8			9	6	3	4				8
6	7	5			5	7		5	5		6	2					13
7			4	5			4			4	4	0	3	1			8
8	7	6			7	7				14	10	4					13
9			6	4			3	4	4		6	0					7
10	7	0			0	6	7	2		4	6	3					4
11	7	6					10	5	7		10	3	5	4	6	6	
12	7	6					11	6	7		10	4			6	6	
13	7	6			6	7	12			14			6	6	6	6	
14			7	6			12	6	7		9	4					12
15	7	7					10	6	7		10	3	4	4			12
16			7	7						14	10	3			4	3	
17	0					6				10	7	2				4	
18			1	0	1	7				4	8	3					5
19	7	5					11	5	7	14	10	3			6	6	11
20	7	6					11			14	9	2					10
21	7	6			6	7	8	6	7	9	10	4					12
22			6	6	6	7				14	10	3					12
23	6	0				3		2	2		9	4					
24	7	0				7	8	3	4		9	1	4	4			3
25			7	6	5	7				14	10	4			6	7	
26			3	6			13	6	7		10	3					11
27	7	7					13			14	8	4					13
28	7	7					12			14	10	4					13
29	5	5			0	6	10			14	10	4					12
30	7	5					1			10	7	3					10
31	7	6					12			14	10	3					13
32			1	2	1	1		3	2		6	2			2	6	
33	6	7					12	6	7	4	10	4	7	4			12
34	7	7					12			14	10	4					12
35	7	2			1	7	9			14	10	4					12
36	7	6				6	10	6	7		10	4					10
37	7					3		6	7		10	4					12
38	7	6			5	7		6	7		10	4					12
39	7	7					13			9	10	3					3
40	7	7					14	7	7		10	4					13
41	7	6					9	6	7		9	3	6	6	6	7	
42	7	3					9			12	9	4					11
43	7	6					13	6	7		9	3					9
44	7	5					8			13	10	3			10		
45	2	0			0	2		2	4		10	2			0	5	
46	7	3					13			11	10	3					13
47	7	3					12			11			5	3			14
48	7	7					13			13	10	2					10
49	7	6			0	6		4	2		8	4			5	6	
50	6	3					13			14	10	4			7	7	
51	7	7					12			14	10	3	1				10
52			2	2		6	7	6	6		10	3			4	6	
53	7	2				7		5	6		10	3				6	
54	7	1			1	7		3	1		0	2	2			3	9
55	7	4					10	5	7		6	3					10
56	7	6					9			13	4	3			4	1	8
57			7	3	5	7					5	4			5	4	
58	7	0				7		3	3		3	1					6
59	7	6			5	6				12	8	4					13
60			6	6	6	7		6	7		7	4			6	7	
61			6	6			9			12	5	4			3	5	
62	7	4					10			14	8	4			6	6	
63	7	6					8	4	3	9	6	2					8
64	7	7					12		3	13		4					12
65	7	6					9			10	0	1	5	4			8
66	7	5			2	6	9		5	11	6	3					9
67	6	5					9	4	7	12	5	3			5	6	
68	6	6			4	7		4	7				5	5	5	5	
69	7	6			6	6				12	12	3					11
70	7	6			6	6		5	7				5	5	5	3	
71	7	7					12	67			7	3			6	7	
72	6	5					10			12	8	3					10
73	7	6	6	3						9	6	3					7
74	6	5				7	9	3	4	8	6	3	4	3			7
75	7	6					12	6	7		8	3					10

S.NO.	UNIT-I				UNIT-II			UNIT-III			UNIT-IV				UNIT-V		
CO'S	CO1	CO2	CO1	CO2	CO1	CO2	CO1	CO1	CO4	CO1	CO3	CO3	CO1	CO3	CO1	CO3	CO4
Q.NO.	1(a)	1(b)	2 (a)	2 (b)	3 (a)	3 (b)	4(a)	5(a)	5(b)	6(a)	7 (a)	7 (b)	8 (a)	8 (b)	9 (a)	9 (b)	10 (a)
Max. Marks	7	7	7	7	7	7	14	7	7	14	7	7	7	7	7	7	14
76	4	5					8	4	5		8	3	5	4	6	5	
77	7	6					12			12	8	4					12
78			5	5			10			9	8	3			5	5	
79	7	5					10	3	3		6	3			2	4	
80	7	5					12	7	7	7	8	4					13
81	7	6					12	5	7		7	4					12
82			5	5	6	6				12	7	3					12
83	6	5				4	11			12	9	4					10
84	5	3			4	3		3	6		7	3			2	4	
85	7	6					12			10	7	4			4	6	
86			3	5		5	7	2	3	5	5	2			3	4	4
87	7	6					12	3	7		8	3			5	6	
88	6	6					12	6	6		9	3					12
89	7	4			6	6		0	4	9	7	2					10
90	7	6					12			12	9	3					12
91			4	4		5				10	8	3					11
92	7					5	11	3	3		8	3				5	11
93			4	5		7				9	6	3					10
94	7	6					13			12	9	3					13
95	6	6					9	6	6		3		3	2			10
96			6	6			9			11	7	3			5	6	
97	6	5			1	2		3	3	4	5	3					10
98	7	6					12			12	8	3					12
99	3					3		5	6		7	3					11
100	6	5			6	6				9	7	3					12
101	7	6			6	6				9	8	3	5	5			12
102	7	6					12			9	6	3					12
103	6	6					9	4	6		7	3					10
104	7	6			6	7		7	7		8	4					13
105	6	5			5	6		4	3		7	3					10
106	7	6				1	11	6	7		7	3			5	6	
107	6	3					10	2	6		8	2					12
108			4	2			10			12	8	3			5	5	
109	6	1					12	4	3		8	3					11
110	6	4					13			12	9	3			6	6	
111	6	4					7			7	5	2			4	4	
112	6	4					9	4	6		9	3			4	5	
113	6	5			4	6				12	8	3					10
114	5	5			2	4	6	4	2	12	9	3					8
115	4	3			4	6	4			7	8	2					9
116	4	2	1	1	4	2		2	0	0	5	1	0	2			6
117										12	4						
118	4	0					4	2	5		5	2					6
119	6	5					12	4	4	8	6	2	5	4			7
120	6	5					7			8	9	3			5	5	8
121	6	4					10			12	9	3					12
122	6	4					12			12	8	3	5				9
123	6	4					10	3	4				5	3			10
124	6	4					9			12	10	3	3	5	5	5	
125	4	1	0	0	2	3	0	2	3	0	5	2	0	0	0	0	5
126	6	4					6	3	3		7	3					5
127	6	2			3	5		2	4		6	2					8
128	4	1			3	5		2	6		4	0					8
129	4	3					9	3	4		6	1					9
130	5	5			6	6		6	6		9	3					10
131			6	5			12			7			4	4	1		8
132	5	3			4	4		2	5	9	8	2					10
133			5	4	5	5				12	9	3					10
134	5	1			4	5		2	5		5	1					4
135	6	5					13	3	6		9	3					10
136	5	1			1	5		2	5		7	2					8
137	4	4					8	4	3	7	1	2	5	3			8
138	6	5					5			12	8	3					10
139			5	4			10	1	5		5	1			6	6	
140	6	5					10	5	6		8	3					10
141	6	4					10			8	8	3					9
142	7	7			6	7		3	4				6	5			10
143	6	4			5	5			2	6	9	3					10
144	6	4					8	3	5		8	3			5	5	
145	6	5					8			12	10	3			4	5	
146	7	7			1	6				13	10	3					10
147	4	5					10			8	8	3					10
148	6	4					12			8			6	5			9
149	6	5					8	4	6		8	3					10
150	6	5					8			8	5	2			4	5	
151	6	5					9			8	6	3					8
152	6	4			4	6	7			12	8	2					9
153	4					5		2	6		7	3			2	6	
154	6	4					12	4	6		6	4					10
155	6	5					12			8	9	3					6
156	4		4			4	10	3	6		7	3	1		2	6	
157	6	4					13			12	9	3					10
158	6	5			5	6		6	5				6	5			11
159	6	6			3	6				12	9	3					11

S.NO.	UNIT-I				UNIT-II			UNIT-III			UNIT-IV				UNIT-V		
CO'S	CO1	CO2	CO1	CO2	CO1	CO2	CO1	CO1	CO4	CO1	CO3	CO3	CO1	CO3	CO1	CO3	CO4
Q.NO.	1(a)	1(b)	2 (a)	2 (b)	3 (a)	3 (b)	4(a)	5(a)	5(b)	6(a)	7 (a)	7 (b)	8 (a)	8 (b)	9 (a)	9 (b)	10 (a)
Max. Marks	7	7	7	7	7	7	14	7	7	14	7	7	7	7	7	7	14
160	7	2					5	3	4		4						
161	7	3					6			13			3	3	3	4	
162			3	2			10	5	6		6	2	2	2			4
163	7	2				6		2	4	7	4	3					
164	7	3					7	5	4		5	2					5
165	6	2			2	6		4	5	13	5	2					6
166	2	2	0	1	1	0	1	1	0	1	1	0	0	0	1	1	0
167	6		1	0	1	1		2	1	1	0	1	1				1
168	6	3					5	4	1				2	1	2	2	
169	6	3			2	3	5			4	3	3			2	2	
170	7	3					9			14	8	2					8
171	7	2					9	3	6		2	2					5
172	6	3					8			6	2	3					6
173	4	2					5			5	3	3	3	3	2	3	
174	6	2					6	1		1	1	1			1	0	1
175	6	2					9	3	6		9	2					10
176	6	2			2	3	10	5	6		7	2	5	4			9
177	5	2			2	6	6			4			4	2			4
178	5	2			2	6		3	6	5	2	2	2	2	2	3	0
179	6	4			3	6				11	3	2					5
180	0	2					1	0	0		2	2					1
181	1	5	2	2	0	5	4	2	6		2	2	3	2	3	2	
182	4	2					5			7	5	3					6
183	6	4					9	3	6	8	5	3					8
184	6	3					9			12	7	3					8
185	6	2			3	6				11	5	2					5
186			3	3	3	6				7	3	2					5
187	6	2					8			11	5	2					7
188	6	5					5				6	3					
189	6	2					10	2	6	8	3	2			3	2	8
190	6	2					1	2	6				3	2			6
191	4	2			3	6		0	5	4	5	2					6
192	5	2			2	5		2	0		4	2			2	1	
193	6	3					12	2	1		6	2					7
194	5	2					8			7	2	2	2	2			5
195	6	4					11			11	8	3					10
196	5	3					8			12	7	2					3
197	6	2					10	4	6		4	2					6
198	5	2			0	6	4			12			2	2			13
199	6	2					9	3	6		3	2					5
200			3	2			7			5	6	3					7
201	3	2					2	2	4		4	2					6
202	6	0	1	1			9			7	6	2					4
203	4						7	3	6		3	2			2		
204	6						9			12	4	2			2	2	
205	5	2			2	6	9	3	5	11	4	2			3	4	4
206	6	2					7	2	6		4	2			2	3	
207	6	2					7	3	6		4	2					6
208	6	2					6	2	6		4	2			2	3	
209	5	1					9	2	5		4	1			2	3	
210	6	2	1	1	1	1	5	2	2	2	2	2			3	2	5
211	6	2			4	6		2	2		2	2					5
212	6	1			0	4	8	3	6		3	2					5
Class Average	5.978	4.051	3.857	3.529	3.328	5.302	9.04	4.228	4.897	9.642	6.807	2.728	3.651	3.27	3.871	4.429	8.761
Number of students who got atleast Class Average Marks Performed	147	85	20	18	33	54	71	37	74	68	115	126	24	18	35	36	91
PERFORMED %	79.5	48.3	57.1	52.9	49.3	62.8	47.0	32.5	63.8	55.3	58.4	64.6	55.8	48.6	56.5	57.1	58.7
ATTEMPTED	185	176	35	34	67	86	151	114	116	123	197	195	43	37	62	63	155

PRASAD V. POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY, KANURU(AUTONOMOUS)					
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING					
COURSE END SURVEY FEED BACK					
B.TECH II/II SEM			AY:2022-23		
ADVANCED DATA STRUCTURES (20CS3402) INDIRECT ATTAINMENTS					
S.NO	Q1	Q2	Q3	Q4	AVG
1	3	3	3	3	3
2	3	3	3	3	3
3	2	2	2	2	2
4	3	3	2	3	2.75
5	3	3	3	2	2.75
6	2	2	2	2	2
7	3	3	2	2	2.5
8	3	3	3	3	3
9	3	3	3	2	2.75
10	3	3	3	3	3
11	3	3	3	3	3
12	3	3	3	3	3
13	3	3	3	3	3
14	3	3	3	3	3
15	3	3	3	3	3
16	3	3	3	3	3
17	3	3	3	3	3
18	3	3	2	3	2.75
19	3	3	3	2	2.75
20	2	2	2	2	2
21	3	3	3	3	3
22	3	3	3	3	3
23	2	2	2	2	2
24	3	3	3	3	3
25	3	3	3	3	3
26	3	3	3	3	3
27	3	3	3	3	3
28	3	3	3	3	3
29	3	3	3	3	3
30	2	3	2	3	2.5
31	2	2	2	2	2
32	2	2	2	2	2
33	3	3	3	3	3
34	2	2	2	2	2
35	3	3	3	3	3
36	3	2	2	2	2.25
37	3	3	3	3	3
38	3	2	1	2	2
39	3	3	3	3	3
40	3	3	2	3	2.75
41	2	2	2	2	2
42	3	3	3	3	3
43	3	3	3	3	3
44	3	3	3	3	3
45	1	2	2	2	1.75
46	3	3	3	3	3
47	3	3	3	3	3
48	3	3	3	3	3
49	3	3	3	3	3
50	3	3	3	3	3
51	3	2	3	3	2.75
52	3	3	3	3	3
53	3	3	3	3	3
54	3	3	3	3	3
55	2	2	2	2	2
56	2	2	2	2	2
57	2	2	1	3	2
58	2	2	2	2	2
59	3	3	3	3	3
60	2	2	2	2	2
61	1	1	1	1	1

S.NO	Q1	Q2	Q3	Q4	AVG
62	3	3	3	3	3
63	3	3	3	3	3
64	3	3	3	3	3
65	3	3	3	2	2.75
66	2	2	1	1	1.5
67	2	3	3	3	2.75
68	3	2	3	2	2.5
69	2	3	2	2	2.25
70	2	2	2	2	2
71	2	3	2	2	2.25
72	3	3	3	3	3
73	2	2	2	2	2
74	1	1	1	1	1
75	2	2	2	2	2
76	1	1	3	3	2
77	2	2	2	2	2
78	2	2	3	2	2.25
79	2	2	1	1	1.5
80	3	2	3	2	2.5
81	2	2	2	2	2
82	1	2	2	3	2
83	3	3	3	3	3
84	3	3	3	3	3
85	2	2	2	2	2
86	2	2	1	2	1.75
87	3	3	3	3	3
88	2	3	3	2	2.5
89	2	1	2	2	1.75
90	2	2	2	2	2
91	2	1	1	2	1.5
92	2	2	2	2	2
93	2	2	2	3	2.25
94	2	2	2	2	2
95	2	2	3	3	2.5
96	2	1	1	1	1.25
97	2	2	2	2	2
98	3	3	3	3	3
99	2	2	2	2	2
100	2	2	2	2	2
101	2	3	2	2	2.25
102	1	1	1	1	1
103	2	2	2	2	2
104	3	3	3	3	3
105	2	2	2	2	2
106	3	2	2	2	2.25
107	2	2	2	2	2
108	3	2	2	2	2.25
109	2	1	2	1	1.5
110	2	2	2	2	2
111	2	3	3	2	2.5
112	2	2	2	2	2
113	1	1	1	1	1
114	2	2	2	2	2
115	3	3	3	3	3
116	3	3	2	2	2.5
117	3	3	3	3	3
118	3	3	3	3	3
119	3	2	3	2	2.5
120	2	2	2	2	2
121	2	2	2	2	2
122	3	3	3	3	3
123	2	2	2	2	2
124	3	3	3	3	3
125	2	3	3	3	2.75
126	3	3	3	3	3

S.NO	Q1	Q2	Q3	Q4	AVG
127	3	2	3	2	2.5
128	3	3	2	2	2.5
129	3	2	3	3	2.75
130	3	3	3	3	3
131	3	2	2	2	2.25
132	3	2	2	3	2.5
133	2	2	2	2	2
134	2	2	2	2	2
135	3	2	2	3	2.5
136	3	3	3	2	2.75
137	2	2	2	2	2
138	2	2	2	2	2
139	3	3	3	3	3
140	3	3	3	3	3
141	2	2	2	2	2
142	3	3	3	3	3
143	1	2	3	1	1.75
144	3	2	2	1	2
145	2	2	2	2	2
146	2	2	3	2	2.25
147	3	2	2	3	2.5
148	2	2	2	2	2
149	2	1	2	2	1.75
150	3	2	2	2	2.25
151	2	2	2	2	2
152	3	3	3	3	3
153	2	2	2	2	2
154	3	3	3	3	3
155	2	2	2	2	2
156	2	2	2	2	2
157	2	2	1	1	1.5
158	3	3	3	3	3
159	2	2	2	2	2
160	2	2	2	2	2
161	3	3	3	3	3
162	3	2	2	3	2.5
163	2	2	1	1	1.5
164	3	2	2	2	2.25
165	3	3	3	2	2.75
166	1	2	1	2	1.5
167	2	2	2	2	2
168	3	2	2	2	2.25
169	2	2	2	2	2
170	3	3	3	3	3
171	2	2	2	2	2
172	2	1	1	2	1.5
173	1	2	3	1	1.75
174	3	3	3	3	3
AVG	2.465517241	2.396551724	2.38505747	2.367816092	2.403735632
CO Indirect Attainment %	82.10172414	79.80517241	79.4224138	78.84827586	80.04439655
CO Indirect Attainment Value	2.46	2.39	2.38	2.37	2.4