KONGU ENGINEERING COLLEGE, PERUNDURAI ERODE – 638 052

SCHOOL OF COMMUNICATION AND COMPUTER SCIENCES

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

COURSE END SURVEY

Class : II Semester : III Section : C Date :25.10.2016

Course Code and Course Name : **14CST31 DATA STRUCTURES**

Academic Year : **2016-17 (ODD)**

Course Outcome:

On completion of the course, the student will be able to:

CO1	Describe the usage of various implementation of list
CO2	Make use of ADTs like stacks and queues in different systems
CO3	Illustrate the structure and operations on trees
CO4	Summarize various sorting and searching techniques
CO5	Apply appropriate graph algorithms for solving computing problems

1- Yes, to a greater extent **3** – Yes, to a moderate extent **5** - Yes, to some extent

(I) In order to enable the department to assess as to what extent the above course outcomes have been attained, please respond to the following queries:

1.	On completion of the above course, are you now able to describe the concepts of data structure, array and list data structure? □ Yes, to some extent □ Yes, to a moderate extent □ Yes, to a great extent
2.	Using the knowledge gained through the course, will you be able to implement linked list,stack and queue data structure to solve various problems? □ Yes, to some extent □ Yes, to a moderate extent □ Yes, to a great extent
3.	Using the knowledge gained through the course, will you be able to Implement operations on trees? □ Yes, to some extent □ Yes, to a moderate extent □ Yes, to a great extent
4.	Are you able to Implement and know how to apply standard algorithms for sorting and hashing? □ Yes, to some extent □ Yes, to a moderate extent □ Yes, to a great extent
5.	Can you able to implement graph algorithms for solving computing problems? □ Yes, to some extent □ Yes, to a moderate extent □ Yes, to a great extent

(II). Any other comments with respect to the Course and Course Outcome:

Name of the student (optional):

KONGU ENGINEERING COLLEGE, PERUNDURAI, ERODE-638052

SCHOOL OF COMMUNICATION AND COMPUTER SCIENCES

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

COURSE END SURVEY AND PROGRAMME OUTCOME ASSESSMENT

Course Code and Name	14CST31 DATA STRUCTURES				
Faculty Incharge :	Dr.S.V.Kogilavani, Assistant Professor(Sr.G)/CSE			Academic Year	2016-17 (ODD)
Year & Semester	II & III	Section	C	Date of Course End Survey	25.10.2016

COURSE END SURVEY ATTAINMENT LEVEL INDICATOR						
Grade		5	4	3	2	1
%		>90	81 - 90	80	71 - 80	< 70

Total Strength				63		Number of student Responses		63
S.NO	Q1	Q2	Q3	Q4	Q5	Any Other Comments	Name (Optional)	Roll No (optional)
1	5	3	3	5	3			
2	3	5	5	3	3			
3	5	5	5	5	3			
4	5	5	1	1	5			
5	5	5	5	1	5			
6	3	3	5	5	5			
7	3	5	5	3	5			
8	5	5	1	1	5			
9	5	5	5	3	5			
10	3	5	5	3	1			
11	5	5	5	5	5			
12	5	5	1	5	1			
13	3	5	5	3	5			
14	5	5	5	5	5			
15	5	5	3	3	3			
16	5	5	5	5	5			
17	3	3	5	3	5			
18	3	5	5	3	5			
19	3	3	5	3	5			
20	5	3	5	5	5			
21	5	3	5	5	5			
22	5	5	5	5	5			
23	5	3	3	5	3			
24	5	5	5	5	5			
25	5	5	5	5	5			
26	5	3	1	5	1			
27	5	5	1	5	5			
28	3	5	1	3	1			
29	5	3	1	5	5			
30	5	5	3	3	5			
31	5	5	5	5	5			
32	5	3	3	3	5			
33	3	1	5	3	5			
34	5	1	5	5	5			
35	1	5	5	5	1			

36	5	3	5	5	5			
37	5	5	1	5	5			
38	5	5	5	5	5			
39	5	5	5	1	5			
40	5	3	1	5	5			
41	3	5	5	3	5			
42	1	5	5	1	3			
43	3	3	5	3	5			
44	1	5	5	1	1			
45	1	3	5	1	5			
46	3	5	5	3	5			
47	3	3	5	3	1			
48	3	5	5	3	5			
49	1	5	5	3	1			
50	1	3	5	5	5			
51	5	5	3	5	3			
52	3	5	5	3	5			
53	1	3	3	5	3			
54	3	3	5	3	5			
55	1	1	3	3	1			
56	1	1	3	5	3			
57	1	5	5	5	1			
58	3	5	3	3	3			
59	3	1	5	3	5			
60	5	1	3	3	3			
61	1	1	5	5	5			
62	5	5	5	1	1			
63	3	1	3	3	3			
No of students Satisfaction level			52	55	54	55	52	
% of Satisfaction Level			82.54	87.30	85.71	87.30	82.54	
Attainment Level			4.00	4.00	4.00	4.00	4.00	

	Mapping with POs	Mapping with PSO
CO1	a,b,c,l	1,2
CO2	a,b,c,l	1,2
CO3	a,b,c,l	1,2
CO4	b,c,l	1,2
CO5	a,b,c,l	1,2

Final PO attainment				*Attainment Level*
		PO1	(CO1+CO2+CO3+CO5)/4	**4.00**
		PO2	(CO1+CO2+CO3+C04+CO5)/5	**4.00**
		PO3	(CO1+CO2+CO3+C04+CO5)/5	**4.00**
		PO12	(CO1+CO2+CO3+C04+CO5)/5	**4.00**

Final PSO attainment		*Attainment Level*
PSO1	(CO1+CO2+CO3+C04+CO5)/5	**4.00**
PSO2	(CO1+CO2+CO3+C04+CO5)/5	**4.00**

14CST31 Data Structures

Course incharge: VS/MS/SVK/KD

Class : II CSE/ III Sem

ACADEMIC YEAR -2016-17

Class-A-VS	1	2	3	4	5	6	7	8	9	10	11	12	1	2
POs and PSOs	4.25	4.20	4.20									4.2	4.2	4.2
Attainment Level														

Class-B-MS	1	2	3	4	5	6	7	8	9	10	11	12	1	2
POs and PSOs	4	4	4									4	4	4
Attainment Level														

Class-C-SVK	1	2	3	4	5	6	7	8	9	10	11	12	1	2
POs and PSOs	4.00	4.00	4.00									4.00	4	4
Attainment Level														

Class-D-KD	1	2	3	4	5	6	7	8	9	10	11	12	1	2
POs and PSOs	4.50	4.00	4.00									4.50	4	4
Attainment Level														

Average	1	2	3	4	5	6	7	8	9	10	11	12	1	2
POs and PSOs	4.19	4.05	4.05									4.18		
Attainment Level														