

KONGU ENGINEERING COLLEGE, PERUNDURAI ERODE – 638 060
SCHOOL OF COMMUNICATION AND COMPUTER SCIENCES
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

COURSE END SURVEY

Class : I Semester : II Section : A Date : 30.04.2019
Course Code and Course Name : 18CSC21- Programming and Linear Data structures
Academic Year : 2018-2019 (EVEN)

Course Outcome:

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

- CO1- Write C programs that use pointers to access arrays and strings
- CO2- Develop C programs using pointers to access functions and structures
- CO3- Implement file operations and apply preprocessor directives to solve the given problems
- CO4- Explain memory allocation during runtime and implement linked list using pointers
- CO5- Outline the operations on stacks and queues and their usage
- CO6- Use pointers to perform operations on arrays and structures
- CO7- Write programs to demonstrate the application of dynamic memory allocation and macros
- CO8- Compare and use appropriate data structure for a given application

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.	After having undergone this course, are you now able to write programs using functions, structures and arrays with pointers? <input type="checkbox"/> Yes, to a great extent <input type="checkbox"/> Yes, to a moderate extent <input type="checkbox"/> Yes, to some extent
2.	Using the knowledge gained through the course, are you able to implement file operations and apply preprocessor directives to solve the given problems? <input type="checkbox"/> Yes, to a great extent <input type="checkbox"/> Yes, to a moderate extent <input type="checkbox"/> Yes, to some extent
3.	How would you rate your ability to explain memory allocation during runtime and implement linked list, stack and queue using pointers? <input type="checkbox"/> To a great extent <input type="checkbox"/> To a moderate extent <input type="checkbox"/> To some extent
4.	On completion of the above course, is it possible to compare and use appropriate data structure for a given application? <input type="checkbox"/> Vey good <input type="checkbox"/> Good <input type="checkbox"/> Fair

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

Name of the student (optional):

Course End Survey Report

S.No	After having undergone this course, are you now able to write programs using functions, structures and arrays with pointers?	Using the knowledge gained through the course, are you able to implement file operations and apply preprocessor directives to solve the given problems?	your ability to explain memory allocation during runtime and implement linked list, stack and queue using pointers?	On completion of the above course, is it possible to compare and use appropriate data structure for a given application?	Any Other	Name (Optional)	Roll No (Optional)
1	Yes, to a great extent	Yes, to a moderate extent	To a moderate extent	To a moderate extent			
2	Yes, to a great extent	Yes, to a great extent	To a great extent	To a great extent			
3	Yes, to a great extent	Yes, to a moderate extent	To a moderate extent	To a moderate extent			
4	Yes, to a great extent	Yes, to a great extent	To a moderate extent	To a great extent			
5	Yes, to a moderate extent	Yes, to a great extent	To a great extent	To a moderate extent			
6	Yes, to a great extent	Yes, to a moderate extent	To a great extent	To a great extent			
7	Yes, to a moderate extent	Yes, to a moderate extent	To a moderate extent	To a moderate extent			
8	Yes, to a moderate extent	Yes, to a moderate extent	To a moderate extent	To a moderate extent			
9	Yes, to a great extent	Yes, to a moderate extent	To a moderate extent	To a moderate extent			
10	Yes, to a moderate extent	Yes, to a great extent	To a great extent	To a great extent			
11	Yes, to a great extent	Yes, to a great extent	To a moderate extent	To a moderate extent			
12	Yes, to a great extent	Yes, to a moderate extent	To a great extent	To a great extent			
13	Yes, to a great extent	Yes, to a great extent	To a moderate extent	To a moderate extent			
14	Yes, to a great extent	Yes, to a moderate extent	To a moderate extent	To a moderate extent			
15	Yes, to a moderate extent	Yes, to a moderate extent	To a great extent	To a great extent			
16	Yes, to a moderate extent	Yes, to some extent	To a moderate extent	To a great extent			
17	Yes, to a great extent	Yes, to some extent	To a moderate extent	To a moderate extent			
18	Yes, to a moderate extent	Yes, to a moderate extent	To a moderate extent	To a moderate extent			
19	Yes, to a great extent	Yes, to a great extent	To a moderate extent	To a great extent			
20	Yes, to a great extent	Yes, to a great extent	To a great extent	To a great extent			
21	Yes, to a great extent	Yes, to a great extent	To a moderate extent	To a great extent			
22	Yes, to a moderate extent	Yes, to a moderate extent	To a great extent	To a great extent			
23	Yes, to a moderate extent	Yes, to a great extent	To a great extent	To a moderate extent			
24	Yes, to a great extent	Yes, to a great extent	To a great extent	To a great extent			
25	Yes, to a great extent	Yes, to a great extent	To a great extent	To a great extent			
26	Yes, to a moderate extent	Yes, to a moderate extent	To a great extent	To a great extent			
27	Yes, to a moderate extent	Yes, to a great extent	To a great extent	To a great extent			
28	Yes, to a great extent	Yes, to a moderate extent	To a great extent	To a moderate extent			
29	Yes, to a great extent	Yes, to a moderate extent	To a great extent	To a great extent			
30	Yes, to a moderate extent	Yes, to a great extent	To a great extent	To a great extent			
31	Yes, to a great extent	Yes, to a great extent	To a great extent	To a great extent			
32	Yes, to a great extent	Yes, to a moderate extent	To a great extent	To a moderate extent			
33	Yes, to a great extent	Yes, to a moderate extent	To a great extent	To a great extent			
34	Yes, to a great extent	Yes, to a moderate extent	To a moderate extent	To a moderate extent			
35	Yes, to a great extent	Yes, to a moderate extent	To a moderate extent	To a moderate extent			
36	Yes, to a great extent	Yes, to a great extent	To a great extent	To a moderate extent			
37	Yes, to a moderate extent	Yes, to a great extent	To a great extent	To a great extent			
38	Yes, to a great extent	Yes, to a great extent	To a great extent	To a great extent			
39	Yes, to a moderate extent	Yes, to a great extent	To a great extent	To a great extent			
40	Yes, to a great extent	Yes, to a moderate extent	To a moderate extent	To a great extent			
41	Yes, to a moderate extent	Yes, to a great extent	To a moderate extent	To a moderate extent			
42	Yes, to a great extent	Yes, to a moderate extent	To a moderate extent	To a moderate extent			
43	Yes, to a moderate extent	Yes, to a moderate extent	To a moderate extent	To a moderate extent			
44	Yes, to a moderate extent	Yes, to a moderate extent	To a moderate extent	To a moderate extent			
45	Yes, to a great extent	Yes, to a moderate extent	To a great extent	To a moderate extent			
46	Yes, to a moderate extent	Yes, to a great extent	To a great extent	To a moderate extent			
47	Yes, to a moderate extent	Yes, to a moderate extent	To a moderate extent	To a moderate extent			
48	Yes, to some extent	Yes, to some extent	To some extent	To some extent			
49	Yes, to a great extent	Yes, to a moderate extent	To a great extent	To a moderate extent			
50	Yes, to a great extent	Yes, to a moderate extent	To a great extent	To a moderate extent			
51	Yes, to a great extent	Yes, to a moderate extent	To a great extent	To a moderate extent			
52	Yes, to a great extent	Yes, to a moderate extent	To a moderate extent	To a moderate extent			
53	Yes, to a great extent	Yes, to a great extent	To a great extent	To a great extent			
54	Yes, to a moderate extent	Yes, to a moderate extent	To a moderate extent	To a moderate extent			
55	Yes, to a moderate extent	Yes, to a moderate extent	To a great extent	To a great extent			
56	Yes, to a great extent	Yes, to a moderate extent	To a great extent	To a moderate extent			
57	Yes, to a great extent	Yes, to a great extent	To a great extent	To a great extent			
58	Yes, to a moderate extent	Yes, to a great extent	To a moderate extent	To a moderate extent			
59	Yes, to some extent	Yes, to some extent	To a moderate extent	To a moderate extent			
60	Yes, to a great extent	Yes, to a moderate extent	To a moderate extent	To a moderate extent			

KONGU ENGINEERING COLLEGE, PERUNDURAI, ERODE-638060

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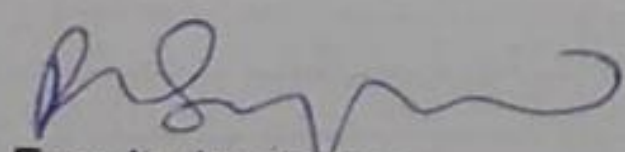
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

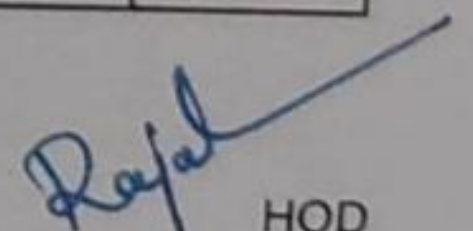
COURSE END SURVEY AND PROGRAMME OUTCOME ASSESSMENT

Course Code and Name	18CSC21 PROGRAMMING AND LINEAR DATA STRUCTURES			
Faculty Incharge :	Dr.R.C.Suganthi, Professor/CSE			Academic Year 2018-19 (EVEN)
Year & Semester	I & II	Section	A	Date of Course End Survey 12.05.2019

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

Total Strength					60	Number of student Responses	60
S.NO	Q1	Q2	Q3	Q4	Any Other Comments	Name (Optional)	Roll (optional)
1	5	3	3	3			
2	5	5	5	5			
3	5	3	3	3			
4	5	5	3	5			
5	3	5	5	3			
6	5	3	5	5			
7	3	3	3	3			
8	3	3	3	3			
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17	5	3	3	3			
18	3	5	3	5			
19	5	5	5	5			
20	5	5	3	5			
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23	3	5	5	5			
24	5	5	5	5			
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27	3	3	5	3			
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30	3	5	5	5			
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32	5	3	5	5			
33	5	3	5	3			
34	5	3	3	3			
35	5	3	5	3			
36	5	5	5	5			
37	3	5	5	5			
38	5	5	5	5			
39	3	5	3	5			
40	5	3	3	3			


Faculty In-charge


HOD

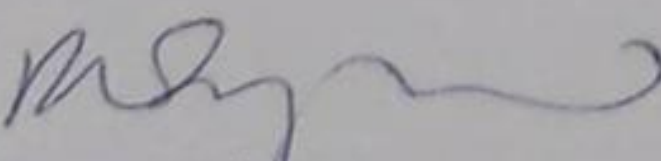
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49	5	3	5	3			
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55	3	3	3	3			
56	3	3	5	5			
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	5	3	3	3			

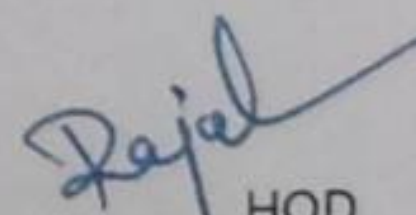
No of students Satisfaction level	58	56	59	59
% of Satisfaction Level	96.67	93.33	98.33	98.33
Attainment Level	5.00	5.00	5.00	5.00

Mapping with POs	Mapping with PSOs
CO1	1,2
CO2	1,2,3,4
CO3	1,2
CO4	1,2
CO5	1,2
CO6	1,2,3,4
CO7	1,2,3,4
CO8	1,2,3,4,5

Final PO attainment		Attainment Level
PO1	$(CO1+CO2+CO3+CO4+CO5+CO6+CO7+CO8)/8$	5.00
PO2	$(CO1+CO2+CO3+CO4+CO5+CO6+CO7+CO8)/8$	5.00
PO3	$(CO2+CO6+CO7+CO8)/4$	5.00
PO4	$(CO2+CO6+CO7+CO8)/4$	5.00
PO5	$(CO1+CO2+CO3+CO4+CO5)/5$	5.00

Final PSO attainment		Attainment Level
PSO1	$(CO1+CO2+CO3+CO4+CO5+CO6+CO7+CO8)/8$	5.00
PSO2	$(CO1+CO2+CO3+CO4+CO5+CO6+CO7+CO8)/8$	5.00


Faculty In-charge


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KONGU ENGINEERING COLLEGE, PERUNDURAI ERODE – 638 060
SCHOOL OF COMMUNICATION AND COMPUTER SCIENCES
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
COURSE END SURVEY

Class : I Semester : II Section : B Date :30.04.2019
Course Code and Course Name : 18CSC21- Programming and Linear Data structures
Academic Year : 2018-2019 (EVEN)

Course Outcome:

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

- CO1- Write C programs that use pointers to access arrays and strings
- CO2- Develop C programs using pointers to access functions and structures
- CO3- Implement file operations and apply preprocessor directives to solve the given problems
- CO4- Explain memory allocation during runtime and implement linked list using pointers
- CO5- Outline the operations on stacks and queues and their usage
- CO6- Use pointers to perform operations on arrays and structures
- CO7- Write programs to demonstrate the application of dynamic memory allocation and macros
- CO8- Compare and use appropriate data structure for a given application

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.	After having undergone this course, are you now able to write programs using functions, structures and arrays with pointers? <input type="checkbox"/> Yes, to a great extent <input type="checkbox"/> Yes, to a moderate extent <input type="checkbox"/> Yes, to some extent
2.	Using the knowledge gained through the course, are you able to implement file operations and apply preprocessor directives to solve the given problems? <input type="checkbox"/> Yes, to a great extent <input type="checkbox"/> Yes, to a moderate extent <input type="checkbox"/> Yes, to some extent
3.	How would you rate your ability to explain memory allocation during runtime and implement linked list, stack and queue using pointers? <input type="checkbox"/> To a great extent <input type="checkbox"/> To a moderate extent <input type="checkbox"/> To some extent
4.	On completion of the above course, is it possible to compare and use appropriate data structure for a given application? <input type="checkbox"/> Vey good <input type="checkbox"/> Good <input type="checkbox"/> Fair

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

Name of the student (optional):

KONGU ENGINEERING COLLEGE, PERUNDURAI, ERODE-638060

SCHOOL OF COMMUNICATION AND COMPUTER SCIENCES

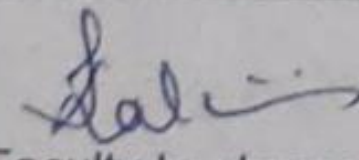
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

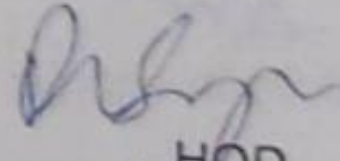
COURSE END SURVEY AND PROGRAMME OUTCOME ASSESSMENT

Course Code and Name	18CSC21 PROGRAMMING AND LINEAR DATA STRUCTURES			
Faculty Incharge :	K.S.Kalaivani, Assistant Professor/CSE			Academic Year
Year & Semester	I & II	Section	B	2018-19 (EVEN)
			Date of Course End Survey	12.05.2019

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

Total Strength					60	Number of student Responses	60
S.NO	Q1	Q2	Q3	Q4	Any Other Comments	Name (Optional)	Roll No (optional)
1	5	3	3	3			
2	3	3	5	5			
3	3	3	3	3			
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36	5	5	3	1			
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Faculty In-charge


+ HOD

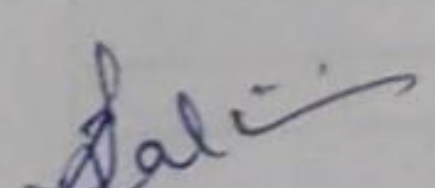
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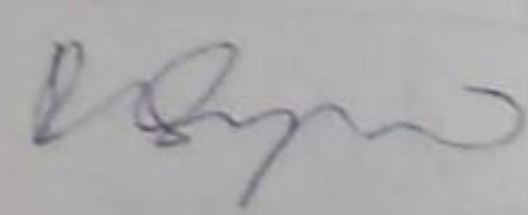
No of students Satisfaction level	52	51	51	49
% of Satisfaction Level	86.67	85.00	85.00	81.67
Attainment Level	4.00	4.00	4.00	4.00

Mapping with POs		Mapping with PSOs
CO1	1,2	1,2
CO2	1,2,3,4	
CO3	1,2	1,2
CO4	1,2	1,2
CO5	1,2	1,2
CO6	1,2,3,4	1,2
CO7	1,2,3,4	1,2
CO8	1,2,3,4,5	1,2

Final PO attainment		Attainment Level
PO1	$(CO1+CO2+CO3+CO4+CO5+CO6+CO7+CO8)/8$	4.00
PO2	$(CO1+CO2+CO3+CO4+CO5+CO6+CO7+CO8)/8$	4.00
PO3	$(CO2+CO6+CO7+CO8)/4$	4.00
PO4	$(CO2+CO6+CO7+CO8)/4$	4.00
PO5	$(CO1+CO2+CO3+CO4+CO5)/5$	4.00

Final PSO attainment		Attainment Level
PSO1	$(CO1+CO2+CO3+CO4+CO5+CO6+CO7+CO8)/8$	4.00
PSO2	$(CO1+CO2+CO3+CO4+CO5+CO6+CO7+CO8)/8$	4.00


Faculty In-charge


HOD

KONGU ENGINEERING COLLEGE, PERUNDURAI ERODE – 638 060
SCHOOL OF COMMUNICATION AND COMPUTER SCIENCES
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
COURSE END SURVEY

Class : I Semester : II Section : D Date : 10.05.2019
Course Code and Course Name : 18CSC21- Programming and Linear Data structures
Academic Year : 2018-2019 (EVEN)

Course Outcome:

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

- CO1- Write C programs that use pointers to access arrays and strings
- CO2- Develop C programs using pointers to access functions and structures
- CO3- Implement file operations and apply preprocessor directives to solve the given problems
- CO4- Explain memory allocation during runtime and implement linked list using pointers
- CO5- Outline the operations on stacks and queues and their usage
- CO6- Use pointers to perform operations on arrays and structures
- CO7- Write programs to demonstrate the application of dynamic memory allocation and macros
- CO8- Compare and use appropriate data structure for a given application

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.	After having undergone this course, are you now able to write programs using functions, structures and arrays with pointers? <input type="checkbox"/> Yes, to a great extent <input type="checkbox"/> Yes, to a moderate extent <input type="checkbox"/> Yes, to some extent
2.	Using the knowledge gained through the course, are you able to implement file operations and apply preprocessor directives to solve the given problems? <input type="checkbox"/> Yes, to a great extent <input type="checkbox"/> Yes, to a moderate extent <input type="checkbox"/> Yes, to some extent
3.	How would you rate your ability to explain memory allocation during runtime and implement linked list, stack and queue using pointers? <input type="checkbox"/> To a great extent <input type="checkbox"/> To a moderate extent <input type="checkbox"/> To some extent
4.	On completion of the above course, is it possible to compare and use appropriate data structure for a given application? <input type="checkbox"/> Very good <input type="checkbox"/> Good <input type="checkbox"/> Fair

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

Name of the student (optional):

KONGU ENGINEERING COLLEGE, PERUNDURAI, ERODE-638060

SCHOOL OF COMMUNICATION AND COMPUTER SCIENCES

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

COURSE END SURVEY AND PROGRAMME OUTCOME ASSESSMENT

Course Code and Name	18CSC21 PROGRAMMING AND LINEAR DATA STRUCTURES			
Faculty Incharge :	K. Tamil Selvi, Professor/CSE			Academic Year
Year & Semester	I & II	Section	D	2018-19 (EVEN)
			Date of Course End Survey	10.05.2019

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

Total Strength					60	Number of student Responses	60
S.NO	Q1	Q2	Q3	Q4	Any Other Comments	Name (Optional)	Roll No (optional)
1	5	3	3	3			
2	5	5	5	5			
Atta	5	3	3	3			
4	5	5	3	5			
5	3	5	5	3			
6	5	3	5	5			
7	3	3	3	3			
8	3	3	3	3			
9	5	5	5	5			
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35	5	3	5	3			
36	5	5	5	5			
37	3	1	5	5			
38	5	5	5	5			
39	3	5	1	5			
40	1	3	3	3			

Faculty In-charge

HOD

41	3	5	3	3			
42	5	3	5	3			
43	1	3	3	3			
44	3	3	1	3			
45	5	3	5	3			
46	3	5	5	3			
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54	3	3	3	3			
55	3	3	5	5			
56	5	3	5	3			
57	5	5	5	5			
58	3	5	3	3			
59	1	1	3	3			

No of students Satisfaction level	53	53	54	52
% of Satisfaction Level	88.33	88.33	90.00	86.67
Attainment Level	4.00	4.00	4.00	4.00

Mapping with POs		Mapping with PSOs
CO1	1,2	1,2
CO2	1,2,3,4	1,2
CO3	1,2	1,2
CO4	1,2	1,2
CO5	1,2	1,2
CO6	1,2,3,4	1,2
CO7	1,2,3,4	1,2
CO8	1,2,3,4,5	1,2

Final PO attainment		Attainment Level
PO1	$(CO1+CO2+CO3+CO4+CO5+CO6+CO7+CO8)/8$	4.00
PO2	$(CO1+CO2+CO3+CO4+CO5+CO6+CO7+CO8)/8$	4.00
PO3	$(CO2+CO6+CO7+CO8)/4$	4.00
PO4	$(CO2+CO6+CO7+CO8)/4$	4.00
PO5	$(CO1+CO2+CO3+CO4+CO5)/5$	4.00

Final PSO attainment		Attainment Level
PSO1	$(CO1+CO2+CO3+CO4+CO5+CO6+CO7+CO8)/8$	4.00
PSO2	$(CO1+CO2+CO3+CO4+CO5+CO6+CO7+CO8)/8$	4.00

K. Paul

Faculty In-charge

HOD