

# Bright Students Support: e-box industrial level training:

**PROBLEM**  
**L6-LINKED LIST: DELETE AT BEGINNING**  
**Linked List : Delete at Beginning**  
 Write a C program to delete the node at the beginning of the Linked List.  
 Refer function specifications for further details.  
**Input and Output Format:**  
 Refer sample input and output for formatting specifications.  
**Sample Input and Output:**  
 [All text in bold corresponds to input and the rest corresponds to output.]  
 Enter the value  
 4  
 Do you want to add another node? Type Yes/No  
 Yes  
 Enter the value  
 6  
 Do you want to add another node? Type Yes/No  
 Yes  
 Enter the value  
 8  
 Do you want to add another node? Type Yes/No  
 Yes  
 Enter the value  
 9  
 Do you want to add another node? Type Yes/No  
 No  
 The elements in the linked list are 4 6 8 9  
 The elements in the linked list after deleting an element are  
 6 8 9

**PROGRAM**

```

1 #include<stdio.h>
2 #include<stdlib.h>
3 #include<string.h>
4 struct node {
5     int data;
6     struct node * link;
7 };
8 void append ( struct node **, int );
9 void display ( struct node * );
10 void delete (struct node **);
11
12 int main() {
13     struct node *p ;
14     p=NULL;
15     int n;
16     char ch[10];
17     do {
18         printf("Enter the value\n");
19         scanf("%d",&n);
20         append(&p,n);
21         printf("Do you want to add another node? Type Yes/No\n");
22         scanf("%s",ch);
23     } while(!strcmp(ch,"Yes"));
24     printf("The elements in the linked list are");
25     display(p);
26     printf("\n");
27     delete(&p);
28     printf("The elements in the linked list after deleting an element are");
29     display(p);
30     printf("\n");
  
```

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```

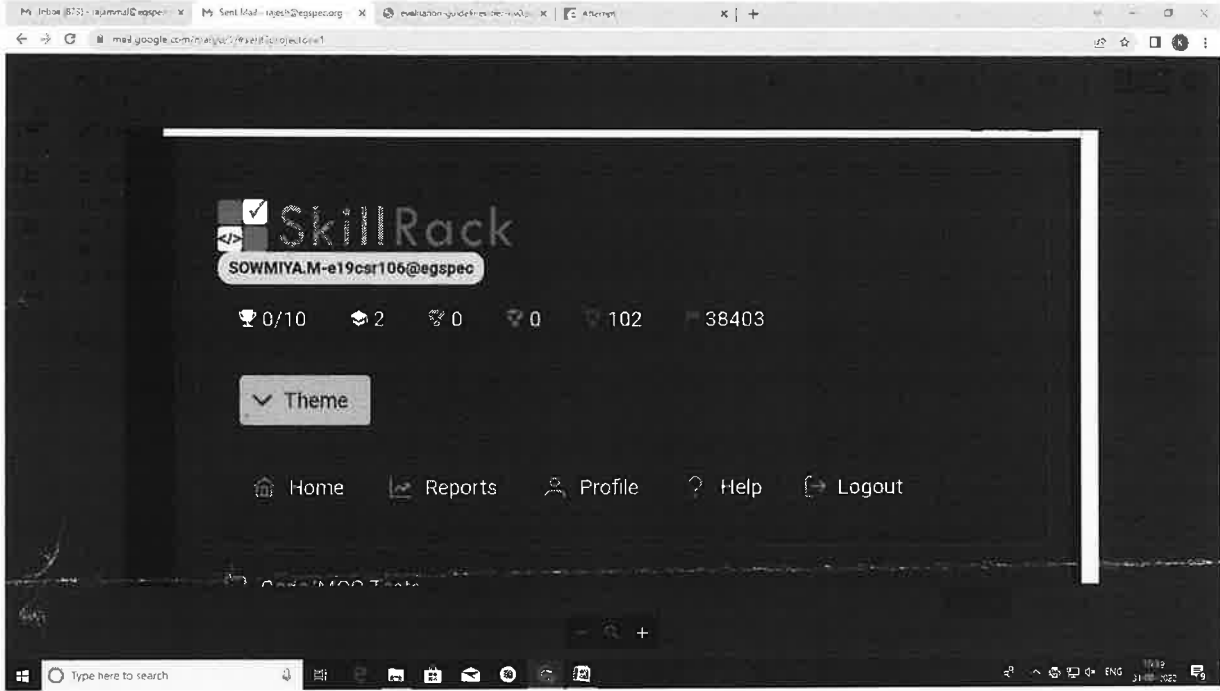
**TESTCASES**

\* A Sample snapshot of execution of your program for some of the inputs is given below, kindly check the 'Expected Output' and 'Obtained Output' to ensure there are no differences, CARES, SPACE, EXTRA PROGRAMS and EXTRA LINES. There maybe many other inputs for which your program may fail.

SNO	INPUT	STATUS	EXPECTED	OBTAINED
1	4	PASS	Enter the value	Enter the value
	Yes		Do you want to add another node? Type Yes/No	Do you want to add another node? Type Yes/No
	6		Enter the value	Enter the value
	Yes		Do you want to add another node? Type Yes/No	Do you want to add another node? Type Yes/No
	8		Enter the value	Enter the value
	Yes		Do you want to add another node? Type Yes/No	Do you want to add another node? Type Yes/No
	9		Enter the value	Enter the value
	No		Do you want to add another node? Type Yes/No	Do you want to add another node? Type Yes/No
			The elements in the linked list are 4 6 8 9	The elements in the linked list are 4 6 8 9
			The elements in the linked list after deleting an element are 6 8 9	The elements in the linked list after deleting an element are 6 8 9
			The elements in the linked list after deleting another element are 8 9	The elements in the linked list after deleting another element are 8 9

Bright Students Support:

SkillRack Industrial Level Training:





SOWMIYA.M-e19csr106@egspec



0/10



2



0



0



102



38403

Theme



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Reports



Profile



Help



Logout



Code/MCQ Tests



Programming



Live Assisted Coding Sessions



Paid Courses - Hands-On Coding



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🏠 Home   📊 Reports   👤 Profile   ? Help   [→] Logout

📄 Code/MCO Tests



## **E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)**

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

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### **Criterion II - Teaching Learning and Evaluation**

<b>2.3</b>	<b>Teaching – Learning Process</b>
<b>2.3.1</b>	<b>Student centric methods, such as experimental learning, participative learning and problem-solving methodology are used for enhancing learning experience</b>

# **Problem Solving Methodology**



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## **E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)**

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

### **INNOVATIVE PRACTICES**

Name of the Faculty:	V.YOKESWARAN & K.NANDAKUMAR
Class:	Second year EEE(2020)
Subject Code & Name:	1902EE301 Analog Electronics
Total Strength:	60
Name of the Innovative Method:	Virtual Lab





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The screenshot shows a Google Meet window with a presentation titled "Kirchhoff's Laws" and "DC Circuit Simulation". The simulation window displays a circuit diagram with a voltage source, a resistor, and a load resistor. The meeting interface shows a grid of participant avatars on the right and a "REC" indicator at the top left.

The screenshot shows a Google Meet window with a presentation titled "Verification of Norton Theorem". The slide contains text about the theory and a circuit diagram. The meeting interface shows a grid of participant avatars on the right and a "REC" indicator at the top left.





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Name of the Faculty:	Dr.V.Mohan
Class:	Second year EEE(2018)
Subject Code & Name:	1902EE302 Digital Electronics
Total Strength:	35
Name of the Innovative Method:	Project based Learning







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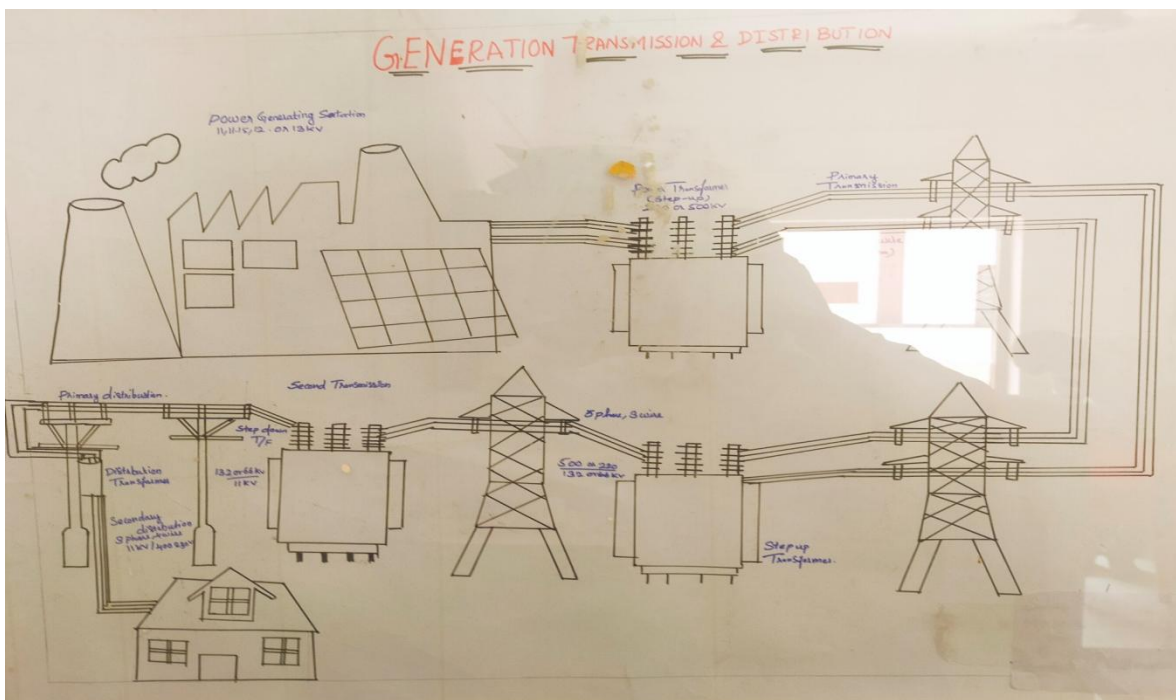
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## TEAM WORK: Dr.T.Suresh Padmanabhan First year EEE(2017)



Name of the Faculty:	Dr. Dr.T.Suresh Padmanabhan
Class:	Second year EEE(2018)
Subject Code & Name:	1902EE401 Generation, Transmission and Distribution
Name of the Innovative Method:	Mind mapping







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## Quiz

Name of the Faculty	Dr.J.Vanitha
Class	I MCA
Subject Code&Name	2002CA105&Python Programming
Name of the Innovative Method	Quiz







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Name of the Faculty	Mrs.A.Hema
Class	II MCA
Subject Code&Name	2003CA012&PHP Programming
Total Strength	56
Name of the Innovative Method	Demonstrate(Website Creation)
	
Name of the Faculty	Mrs.C.Mallika
Class	II MCA
Subject Code&Name	2003CA006&Machine Learning
Total Strength	56
Name of the Innovative Method	Group discussion



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Name of the Faculty	Mr.P.Arunkumar
Class	I MCA
Subject Code&Name	2002CA204 &Internet of Things
Total Strength	62
Name of the Innovative Method	Seminar



Name of the Faculty	Mrs.A.Hema
Class	III MCA
Subject Code&Name	1704CA506 & Mini Project Using
Total Strength	8
Name of the Innovative Method	Project presentation







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Name of the Faculty	Mrs.S.Visalatchy,Mr.S.Selvaganapathy
Class	II MCA
Subject Code&Name	2002CA306 & Distributed System and Cloud Lab
Total Strength	60
Name of the Innovative Method	Program Contest
	





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## III MCA BATCH [2019-2022]

### 2021-2022

S.NO	REG.NO	STUDENT NAME	PROJECT TITLE	DEVELOPING ENVIRONMENT	GUIDE
1	820819CAR002	GAYATHRI K	Online Railway Reservation System	VB.Net with SQL	Mr.S.Selvaganapathy
2	820819CAR003	KALAISELVI T	Online Airline Reservation System	VB.Net with SQL	
3	820819CAR004	NAVANEETHAKRISHAN AN R	Toll Plaza Management System	VB.Net with SQL	
4	820819CAR005	RAGUVARAN R	Student Information Management System	VB.Net with SQL	
5	820819CAR006	RANJITH KUMAR R	Online Blood Bank Management System	VB.Net with SQL	
6	820819CAR007	SANKARADEV I R	Online Hotel Management System	VB.Net with SQL	
7	820819CAR008	SASI KUMAR D	Education Loan Management System	VB.Net with SQL	
8	820819CAR009	SASIREHA S	Online Hospital Management System	VB.Net with SQL	



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WEBSITE : www.egspec.org

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DEPARTMENT OF COMPUTER APPLICATIONS

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**BONAFIDE CERTIFICATE**

Certified that this project report titled "AIRLINE RESERVATION SYSTEM" is the bonafide work of Ms.T.KALAISELVI(E19CAR003) who carried out the research under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

  
SUPERVISOR

  
HEAD OF THE DEPARTMENT  
**Dr. J. VANITHA, MCA., M.Phil., Ph.D.,**  
Professor / HOD  
Department of MCA  
Engineering College, (Autonomous)  
Nagapattinam.

Submitted to paper and Viva Examination held on 29.12.2021

  
(Internal Examiner)

  
(External Examiner)






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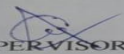
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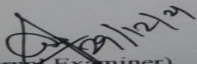
**BONAFIDE CERTIFICATE**

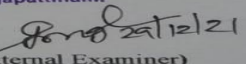
Certified that this project report titled "RAILWAY RESERVATION SYSTEM" is the bonafide work of Ms.K.GAYATHRI(E19CAR002) who carried out the research under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

  
SUPERVISOR

  
HEAD OF THE DEPARTMENT  
Dr. J. VANITHA, MCA., M.Phil., Ph.D.,  
Professor / HOD  
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E.G.S. Pillay Engineering College, (Autonomous)  
Nagapattinam.

Submitted to paper and Viva Examination held on 29.12.2021 at E.G.S. Pillay Engineering College, (Autonomous) Nagapattinam.

  
(Internal Examiner)

  
(External Examiner)

