

## Permission Letter

From

P.Sivasankar Rajamani,  
Associate Professor,  
Department of ECE,  
K.S.R College of Engineering,  
Tiruchengode-637 215.

Date: 26.02.2021

Place: Tiruchengode

To

The Principal,  
K.S.R College of Engineering,  
Tiruchengode-637 215.

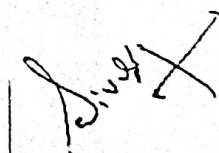
Respected Sir,

Submitted to the principal

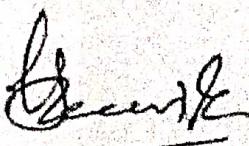
Sub: Requisition to conduct Guest Lecture-Reg

The ECE department has planned to conduct Guest Lecture on “Fundamentals of “C Programming” on 1.3.2021 .so we request you to grant permission to conduct the guest lecture on scheduled time.

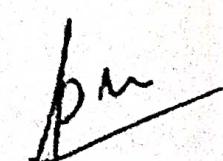
Thanking You,



Yours sincerely,



HOD/ECE



Principal

K.S.R COLLEGE OF ENGINEERIG, TIRUCHENGODE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

GUEST LECTURE ON “FUNDAMENTALS OF C PROGRAMMING”

GUEST LECTURE REPORT

Information Boucher

The slide features a dark background with white text and graphics. In the top left corner, there's a large stylized 'C' logo with the word 'Programming' written below it. To the right of the 'C' are three small portrait photos: one of a man (Dr. K. R. Jayaraman, M.E.), the college crest, and another man (Dr. V. Venkateswaran, M.E.). Below these are the college details: 'K.S.R College of Engineering (Autonomous)', 'Tiruchengode - 637 215', and 'DEPARTMENT OF ECE'. The main title 'Fundamentals of C Programming' is centered in a large, bold font. To the right of the title is a photograph of a woman sitting at a desk with a computer monitor. At the bottom left, the text 'Online Mode', 'Date : 01.03.2021', and 'Timing : 10.00 AM' is displayed. A large URL 'https://meet.google.com/hph-ipfm-xkq' is at the bottom center.

**Fundamentals of C Programming**

**Ms.B.Mythili,**  
**Role : Sr.Analyst,**  
**HEL Technologies,**  
**Bangalore**

**Online Mode**  
**Date : 01.03.2021**  
**Timing : 10.00 AM**

<https://meet.google.com/hph-ipfm-xkq>



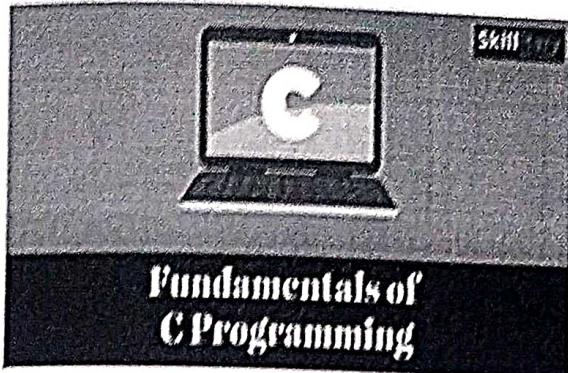
K.S.R COLLEGE OF ENGINEERING  
(AUTONOMOUS)  
DEPARTMENT OF ECE



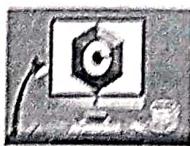
Dr. M.V.K.S. Ravikumar M.Tech.  
Principal, KSRCE, KSRRI

Guest Lecture

Mr. R. Srinivasan B.B.M.,  
Vice-Chancellor, KSREI



Online mode  
Date : 01.03.2021  
Time : 10.00 AM.



<https://meet.google.com/hph-ipfm-xkq>

Ms. B. Mythili,  
Role: Sr. Analyst,  
HCL Technologies,  
Bangalore.

## Overview of C

- C is developed by Dennis Ritchie
- C is a structured programming language
- C supports functions that enables easy maintainability of code, by breaking large file into smaller modules
- Comments in C provides easy readability
- C is a powerful language

## Main function

- This is the entry point of a program
- When a file is executed, the start point is the main function
- From main function the flow goes as per the programmers choice.
- There may or may not be other functions written by user in a program
- Main function is compulsory for any c program

## Program structure

### A sample C Program

```
#include<stdio.h>
int main()
{
    --other statements
    // Comments after double slash
}
```

# Data types in C

- Primitive data types
  - int, float, double, char
- Aggregate data types
  - Arrays come under this category
  - Arrays can contain collection of int or float or char or double data
- User defined data types
  - Structures and enum fall under this category.

# Do While loop

- The syntax of do while loop

```
do
{
    set of statements
}while(condn);
```

Eg:

```
i=10;
do
{
    printf("%d",i);
    i--;
}while(i!=0)
```

Output:  
10987654321



10.00 AM | 42.8K... 

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In call

- |                                                                                               |                         |                                                                                       |                                                                                       |
|-----------------------------------------------------------------------------------------------|-------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  S          | Surya Sp (You)          |  |  |
|  B.Mythili | Meeting host            |  |  |
|  A         | 21EC006 Anukeerthana.T  |  |  |
|            | 21EC010 DHANUJA R       |  |  |
|  KM        | 21EC015 Dharshni KM     |  |  |
|  G         | 21EC022 Gokul.S         |  |  |
|  P         | 21EC025 Gowre Preya G P |  |  |
|            | 21EC045 Madhumitha S    |  |  |
|  M         | 21EC048 Manikand        |  |  |
|  M         | 21EC049 Manju.M         |  |  |

**K.S.R. COLLEGE OF ENGINEERING (AUTONOMOUS), TIRUCHENGODE -637215**

**DEPARTMENT OF ECE**

**Impact Analysis on Guest Lecture "Fundamentals of C programming"**

Department of Electronics and Communication Engineering had organized guest lecture on "Fundamentals of c programming" on 1<sup>st</sup> March 2021 through online mode.

The guest lecture began with welcome address by the Head of the Department, ECE Dr.P.S.Periasamy. He introduced and welcomed Ms B.Mythili , Sr.Analyst,HCL Technologies ,Bangalore, resource person to deliver the lecture. The lecture was attended by 94 students and 5 Faculty members of ECE deaprtment.

The guest speaker Ms.B.Mythili focused on basic idea about "Fundamentals of C programming" and also focused on programming knowledge to implement the concepts in real world scenario as well as shared more information about real time development procedure in IT sector.

The session ended with hearty thanks by P.Sivasankar to Resource persons and participants. He thanked the Management for providing the platform to organize Guest Lecture on innovative technologies.

**K.S.R.COLLEGE OF ENGINEERING (AUTONOMOUS), TIRUCHENGODE -637215**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
**Impact Analysis on Guest Lecture**

From Participant's Feedback

S.No	Parameter to be Analyzed	Number of Participants			
		Extremely Good	Good	Quite Good	Poor
1.	Helpful of the guest lecture	50	40	4	-
2.	Overall Organization of the Guest lecture	30	40	20	4
3.	Usefulness of the guest lecture from the Knowledge and subject point of view	65	20	6	3
4.	General suggestions/comments to improve the guest lecture	35	45	12	2

- The guest lecture was very informative that the faculties and students learnt about fundamentals of C programming. It was wonderful for sharing and gaining knowledge regarding programming and testing. The lecture was even more interesting with the real time examples.

*Impacts:*

- This guest lecture helped the faculties and students to improve their knowledge on the field of Fundamentals of C language and the students may have the opportunity to participate in more workshops that have taken place under various topics on software development skills, held at various other colleges.
- The Students may also be insisted to publish many articles on solving real life challenges and issues using programming languages.
- The Guest Lecture has also motivated the students to do more projects in Software field.

Impacts on Programme Outcomes:

**PO2-Engineering Knowledge:**

This Guest Lecture identify, formulate and analyze complex problems in real world using principles of science and engineering.

**PO6 - Design/development of solutions:**

This Guest Lecture helps to develop and model complex electronic hardware and software systems for human needs.

**PO9-Project Management and finance:**

This Guest Lecture identify the areas of interest and to function an individual and as a member or leader in multidisciplinary teams.

**PO11-Life-long Learning:**

This Guest Lecture acquire knowledge of contemporary issues and recognize the need for lifelong learning.

*GUEST LECTURE on "FUNDAMENTALS OF C PROGRAMMING"*

DATE -01.03.2021 PARTICIPATION LIST

S.No	Email Address	Full Name	Designation	Institution Name	Overall, How would you rate the events ?	Any other Comments
1.	abhiramidevikr.13@gmail.com	ABHIRAMI DEVI K R	Student	K.S.R.College of Engineering	Excellent	Super
2.	adhisankar123123@gmail.com	ADHISANKAR K	Student	K.S.R.College of Engineering	Very Good	Nil
3.	akashramamoorthi0@gmail.com	AKASH R	Student	K.S.R.College of Engineering	Excellent	Nice session
4.	ameersheriff82@gmail.com	AMEER SHERIFF R	Student	K.S.R.College of Engineering	Excellent	Good
5.	anukeerthanal24@gmail.com	ANUKEERTHANA T	Student	K.S.R.College of Engineering	Good	Thought provoking session
6.	baranivalli65@gmail.com	BARANI C	Student	K.S.R.College of Engineering	Very Good	Nil
7.	devendiran@gmail.com	DEEPAK D	Student	K.S.R.College of Engineering	Good	Thanks for the session
8.	dhanujarathinakumar@gmail.com	DHANUJAR	Student	K.S.R.College of Engineering	Very Good	Want clear ppt section
9.	dhanus3333@gmail.com	DHANUSHIYA S	Student	K.S.R.College of Engineering	Excellent	Very nice session
10.	dharanichinnusamy10@gmail.com	DHARANI A C	Student	K.S.R.College of Engineering	Very Good	Need this topic guest lecture in

11.	kndharshni@gmail.com	DHARSHNI K M	Student	K.S.R.College of Engineering	Excellent	Good	Nothing	another session
12.	girivelavan2@gmail.com	GIRI VELAVAN N	Student	K.S.R.College of Engineering	Excellent	No		
13.	gg3425571@gmail.com	GOKUL S	Student	K.S.R.College of Engineering	Good	Nice		
14.	s82635425@gmail.com	GOPALAKRISHNAN S	Student	K.S.R.College of Engineering	Excellent	Very nice session and is very informative		
15.	gowrepreya@gmail.com	GOWRE PREYA G P		"	"			
16.	hprasanth922@gmail.com	HARI PRASANTH S	Student	K.S.R.College of Engineering	Excellent	Nil		
17.	harish03267@gmail.com	HARISH A.	Student	K.S.R.College of Engineering	Excellent	Useful session		
18.	indrakumar.u0306@gmail.com	INDRAKUMAR U	Student	K.S.R.College of Engineering	Very Good	Informative session		
19.	jeeval17466@gmail.com	JEEVANANTHAM R	Student	K.S.R.College of Engineering	Very Good	Very informative session.		
20.	jhananikumaravel14@gmail.com	JHANANI K K	Student	K.S.R.College of Engineering	Very Good	Excellent session		
21.	kalamanieswararajan@gmail.com	KARTHIKEYANE	Student	K.S.R.College of Engineering	Excellent	Useful session		
22.	dkrkavimraji@gmail.com	KAVINRAJ D	Student	K.S.R.College of Engineering	Excellent	Good		
23.	keerthikumaresh105@gmail.com	KUMARESAN K	Student	K.S.R.College of Engineering	Excellent	Nice session		
24.	lavanyachandrakumar24@gmail.com	LAVANYA C	Student	K.S.R.College of Engineering	Good	More informative		
25.	loguprasathi1882003@gmail.com	LOGUPRASATHI P	Student	K.S.R.College of Engineering	Excellent	Good		

26.	madhuselvi2003@gmail.com	MADHUSELVI	Student	K.S.R.College of Engineering	Very Good	No comments
27.	mahanandhi298@gmail.com	MAHALAKSHMI B	Student	K.S.R.College of Engineering	Excellent	No
28.	mkcricketer04@gmail.com	MANIKANDAN S J	Student	K.S.R.College of Engineering	Excellent	Very useful and informative session
29.	manjushanjumadhesh@gmail.com	MANJU M	Student	K.S.R.College of Engineering	Excellent	Nil
30.	Muthurunprakash2003@gmail.com	MUTHURUNPRAKASH B	Student	K.S.R.College of Engineering	Excellent	Useful session
31.	naveenakumari@gmail.com	NAVEENA R	Student	K.S.R.College of Engineering	Very Good	Informative session
32.	nareshkumar15@gmail.com	PRADEEPKUMAR M	Student	K.S.R.College of Engineering	Very Good	Very informative session,
33.	pk.praveen2004@gmail.com	PRAVEENKUMAR B	Student	K.S.R.College of Engineering	Excellent	Excellent session
34.	resprashanthreddy@gmail.com	PRASANTH D	Student	K.S.R.College of Engineering	Excellent	Useful session
35.	simhadrisreechandra@gmail.com	SHRUTHIKA GOMATHI S	Student	K.S.R.College of Engineering	Excellent	Good
36.	sowmyaswamy13@gmail.com	SOWMYA K.	Student	K.S.R.College of Engineering	Excellent	More informative session
37.	srivilliputhur17@gmail.com	SRIVILLIPUTHUR M	Student	K.S.R.College of Engineering	Excellent	Good
38.	sthanthi16@gmail.com	STHANTHI V	Student	K.S.R.College of Engineering	Very Good	No comments
39.	sunayana1655@gmail.com	SUNAYANA	Student	K.S.R.College of Engineering	Very Good	No comments

40.	suryasivakumar326@gmail.com	SURYAS	Student	K.S.R.College of Engineering	Excellent	No
41.	Swethadharmani32@gmail.com	SWETHA D	Student	K.S.R.College of Engineering	Excellent	Very useful and informative session
42.	niharun2004@gmail.com	THARUN N	Student	K.S.R.College of Engineering	Excellent	Nil
43.	udhika9715509168@gmail.com	UDHIKA V	Student	K.S.R.College of Engineering	Very Good	Useful session
44.	abivarsha788@gmail.com	VARSHA T	Student	K.S.R.College of Engineering	Very Good	Informative session
45.	vwaran620@gmail.com	VIGNESHVARAN M	Student	K.S.R.College of Engineering	Very Good	Very informative session.
46.	vinothinielangovans26@gmail.com	VINOTHONI E	Student	K.S.R.College of Engineering	Excellent	Excellent session
47.	yasvanthikayash@gmail.com	YASVANTHIKA K	Student	K.S.R.College of Engineering	Excellent	Useful session
48.	ashokajay2003@gmail.com	AJAY A	Student	K.S.R.College of Engineering	Very Good	Good
49.	devavikneshs810@gmail.com	DEVAVIKNESH S	Student	K.S.R.College of Engineering	Very Good	Nil
50.	kddhanush215@gmail.com	DHANUSH K	Student	K.S.R.College of Engineering	Excellent	Useful session
51.	dhanusiyavijaykumar2004@gmail.com	DHANUSIYA P V	Student	K.S.R.College of Engineering	Excellent	Informative session
52.	dhivakars2004@gmail.com	DHIVAKARS	Student	K.S.R.College of Engineering	Excellent	Very informative session.
53.	dk3909988@gmail.com	DINESHKUMAR G	Student	K.S.R.College of Engineering	Excellent	Excellent session

54.	gavish14072004@gmail.com	GANISH KUMAR N	Student	K.S.R.College of Engineering	Good	Useful session
55.	gavineshpalanisamy@gmail.com	GAVINESH P	Student	K.S.R.College of Engineering	Excellent	Good
56.	gnanasribathrusamy29@gmail.com	GNANASRI B	Student	K.S.R.College of Engineering	Very Good	Nice session
57.	ssvignesh10@gmail.com	GOPI J	Student	K.S.R.College of Engineering	Excellent	More informative
58.	bhari3669@gmail.com	HARI HARA PRASATH S	Student	K.S.R.College of Engineering	Excellent	Good session
59.	hariharaprasath1142@gmail.com	HARIBASKAR S	Student	K.S.R.College of Engineering	Excellent	No comments
60.	jayasakthisp390@gmail.com	JAYASAKTHI S P	Student	K.S.R.College of Engineering	Very Good	No
61.	jee9842va@gmail.com	JEEVA P	Student	K.S.R.College of Engineering	Very Good	Very useful and informative session
62.	kabilanprabai7@gmail.com	KABILAN R	Student	K.S.R.College of Engineering	Excellent	Nil
63.	kkathiravanmirk@gmail.com	KATHIRAVAN K	Student	K.S.R.College of Engineering	Excellent	Useful session
64.	kaviyas974@gmail.com	KAVIYAS S	Student	K.S.R.College of Engineering	Excellent	Informative session
65.	kishorekishore69624@gmail.com	KISHORE M	Student	K.S.R.College of Engineering	Excellent	Very informative session.
66.	vvmk303@gmail.com	KRISHNAKUMAR V	Student	K.S.R.College of Engineering	Very Good	Nil
67.	Manibhuv334@gmail.comjjhh	MANIKANDAN B	Student	K.S.R.College of Engineering	Excellent	Useful session

68.	nalinkumar0107@gmail.com	NALINKUMAR N K	Student	K.S.R.College of Engineering	Excellent informative session.
69.	selvam9041974@gmail.com	NAVEEN KUMAR P	Student	K.S.R.College of Engineering	Very informative session.
70.	naveenkumar371354@gmail.com	NAVEEN S	Student	K.S.R.College of Engineering	Excellent session.
71.	rajeswariravi1722@gmail.com	NITHISHKUMAR R	Student	K.S.R.College of Engineering	Useful session.
72.	sumathimuthusamy91@gmail.com	NITHYASRI M	Student	K.S.R.College of Engineering	Good session.
73.	prasanthsa03ka@gmail.com	PRASANTH D	Student	K.S.R.College of Engineering	Nice session.
74.	prawin22003@gmail.com	PRAWIN S	Student	K.S.R.College of Engineering	More informative session.
75.	premivakumar2003@gmail.com	PREM K S	Student	K.S.R.College of Engineering	Good session.
76.	risanthkarthikeyan@gmail.com	RISANTH K	Student	K.S.R.College of Engineering	No comments.
77.	jpsanthosh12@gmail.com	SANTHOSH J	Student	K.S.R.College of Engineering	No
78.	thirupathisathish0617@gmail.com	SATHISH T	Student	K.S.R.College of Engineering	Very useful and informative session.
79.	gomathishhalu8995@gmail.com	SHALINI E	Student	K.S.R.College of Engineering	Nil
80.	sivaprakasam0204@gmail.com	SIVAPRAKASAM M	Student	K.S.R.College of Engineering	Useful session.
81.	honeysneha3@gmail.com	SNEKA S	Student	K.S.R.College of Engineering	Informative session.

82.	soundars311@gmail.com	SOUNDARRAJAN J	Student	K.S.R.College of Engineering	Excellent	Nil
83.	sridharkumar415@gmail.com	SRIDHAR K	Student	K.S.R.College of Engineering	Very Good	Useful session
84.	sriram.sriram48484@gmail.com	SRIRAM G	Student	K.S.R.College of Engineering	Excellent	Informative session
85.	vasee0015@gmail.com	VASEEKARAN N	Student	K.S.R.College of Engineering	Excellent	Very informative session.
86.	ssvignesh10@gmail.com	VIGNESH K	Student	K.S.R.College of Engineering	Excellent	Excellent session
87.	mahadevanvignesh201004@gmail.com	VIGNESH M	Student	K.S.R.College of Engineering	Very Good	Useful session
88.	vigneshrajasekar2110@gmail.com	VIGNESH R	Student	K.S.R.College of Engineering	Very Good	Good
89.	s.vignesh200307@gmail.com	VIGNESH S	Student	K.S.R.College of Engineering	Excellent	Nice session
90.	vviky4541@gmail.com	VIGNESHWAR N C	Student	K.S.R.College of Engineering	Excellent	More informative
91.	rajv91620@gmail.com	VIJAY S	Student	K.S.R.College of Engineering	Excellent	Good session
92.	rvinitha596@gmail.com	VINITHA R	Student	K.S.R.College of Engineering	Excellent	No comments
93.	anithavishnu15@gmail.com	VISHNU S	Student	K.S.R.College of Engineering	Very Good	No
94.	yogeshwarikarthikeyan12@gmail.com	YOGESHWARI K	Student	K.S.R.College of Engineering	Excellent	Very useful and informative session

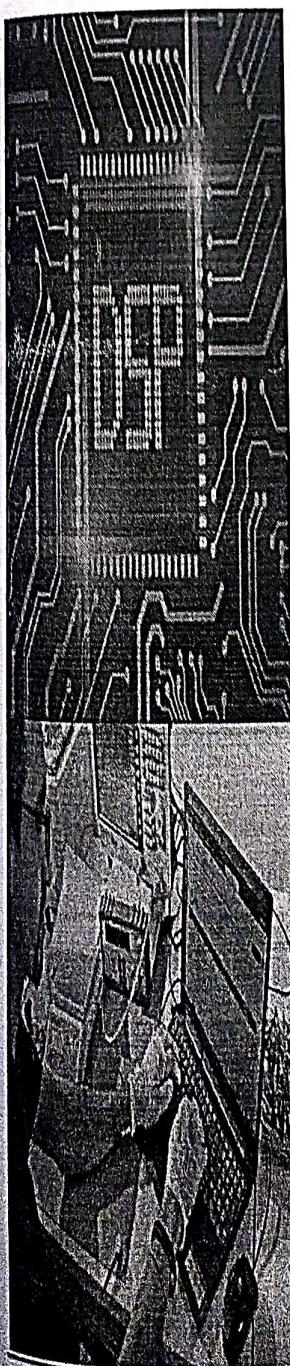
**K.S.R COLLEGE OF ENGINEERING, TIRUCHENGODE**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**GUEST LECTURE ON “DIGITAL SIGNAL PROCESSING”**

**GUEST LECTURE REPORT**

**Information Boucher**



Lion Dr.K.S.Rangasamy,M.F  
Founder chairman



Mr. Srinivasan B.B.M  
Vice - Chairman, KSRCE

**K.S.R. College of Engineering (Autonomous)  
Tiruchengode – 637 215**

**Department of ECE**

**Guest Lecture**

**Digital Signal Processing**



**Mr.P.Rajasekaran Ponnusamy  
Senior Engineer  
Harman International  
Bangalore**

**Online Mode  
Date : 03.11.2021  
Time : 03.00 PM**

**<https://meet.google.com/zjd-xxzh-vbr>**