

## Permission Letter

From

Mr. SIVASANKAR RAJAMANI, P  
Associate Professor,  
Department of ECE,  
K.S.R. College of Engineering,  
Tiruchengode - 637 215

To

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

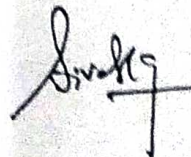
Respected Sir,

Sub: Webinar on “**Embedded Systems**” - Permission requested - Reg.

The ECE department has planned to conduct a Free Webinar on “**Embedded Systems**” sponsored by Develop Brain on **18.02.2021 at 10.30 AM**. We request you to grant permission to conduct the Webinar.

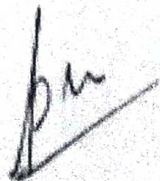
Thanking You

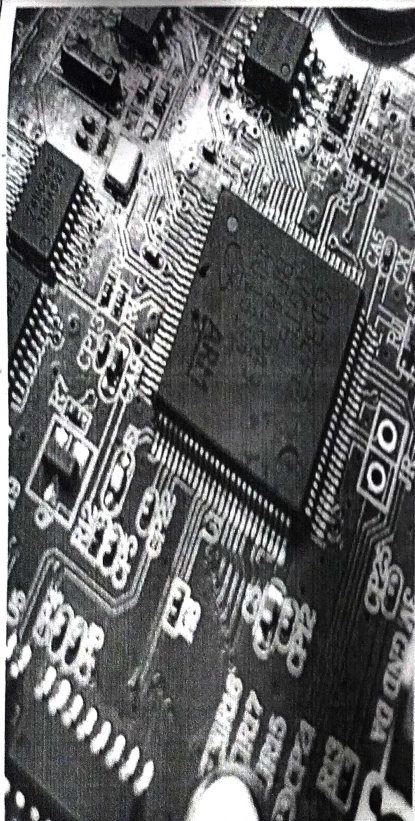
Mr. M.Iyapparaja  
Project manager  
Avench Systems Pvt Ltd  
Electronic City Phase II,  
Bengaluru, 560100

  
Yours sincerely,  
Sivasankar Rajamani

Place: Tiruchengode  
Date: 16.02.2021







**KSR COLLEGE OF  
ENGINEERING**



Lion. Dr.K.S.Rangasamy,MJF.,  
Founder – Chairman, KSREI



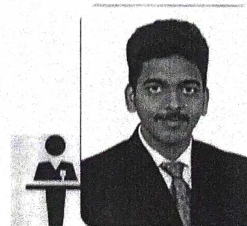
Mr.R.Srinivasan B.B.M.,  
Vice-Chairman, KSREI

**K.S.R. College of Engineering (Autonomous)**  
**Tiruchengode – 637 215**  
**DEPARTMENT OF ECE**  
**Embedded Systems**

**Online Mode**

**Date : 18.02.2021**  
**Time : 10.30 AM.**

M.Iyapparaja  
Project manager  
Avench Systems Pvt Ltd  
Electronic City Phase II,  
Bengaluru, 560100



<https://meet.google.com/zor-ewrx-aws>

[www.ksrce.ac.in](http://www.ksrce.ac.in)

**K.S.R COLLEGE OF ENGINEERING (Autonomous), TIRUCHENGODE-637215**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
**AVENCH SYSTEMS FREE WEBINAR ON “Embedded Systems”**

**19.02.2021**

**WEBINAR REPORT**

Department of Electronics and Communication Engineering, K.S.R College of Engineering (Autonomous), Tiruchengode Organized a Webinar on “**Embedded Systems**” in association with **Avench Systems Pvt Ltd** on **18.02.2021 at 10.30 AM** through Google meet link <https://meet.google.com/zor-ewrx-aws>.

The Webinar began with welcome address by **Dr.P.S.Periasamy** the Head of the Department, ECE. He introduced the resource person **Mr. M.Iyapparaja Project manager**, Avench Systems Pvt Ltd ; to deliver the lecture and welcomed all the participants.

**Impact Analysis on Webinar**

- The webinar was very useful to the Faculty members and students to learn about the fundamentals of Embedded System.
- This webinar helped the Faculty members and students to improve them in the field of embedded technologies and the students may have the opportunity to participate in more workshops.
- The webinar has also motivated the students to do more live real time projects in the field of Embedded Systems projects so that help human in many ways. **72 participants** were attended the webinar successfully.

**Impacts on Programme Outcomes:**

**PO1-Engineering Knowledge:**

This webinar provides basic engineering knowledge on embedded system which consists of hardware and software front which performs a single task. The real time embedded system works, which reduces the human involvement.

### PO3 - Design/development of solutions:

This webinar helps to design and development of embedded software is specialized programming in a chip or on an embedded device to controls its functions. Hardware makers use embedded software to control the functions of various hardware devices and systems.

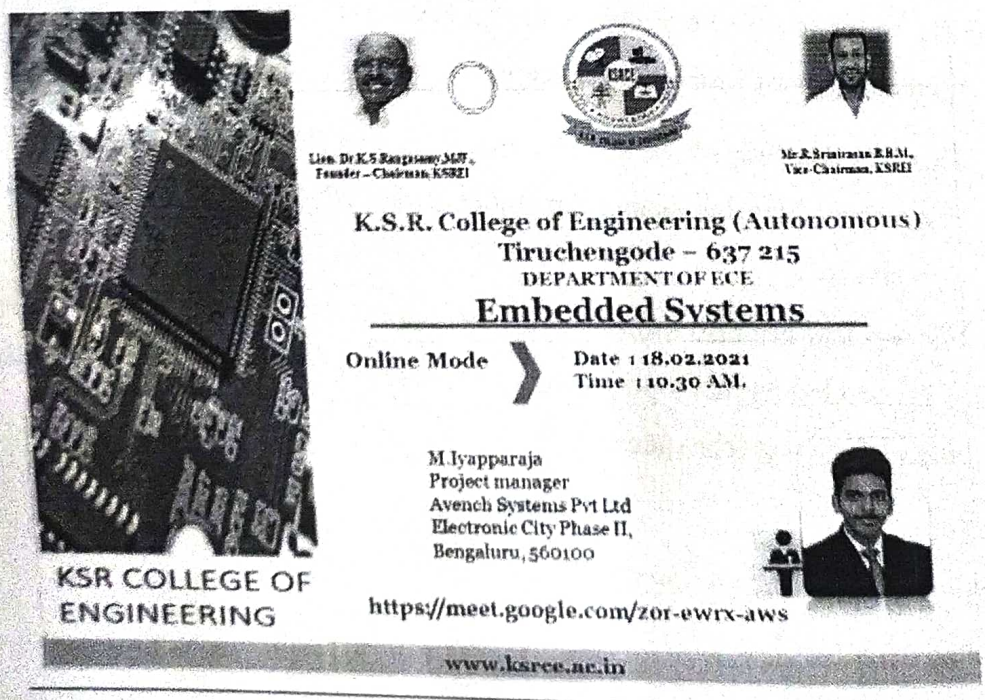
### PO11-Project Management and finance:

This webinar motivated many of the students to do projects on real time which helps to save money and information sharing becomes faster.

### PO12-Life-long Learning:

This webinar provides information on Embedded Systems which reduces the space and area and also work in real time mode which makes student interesting to do real time projects which acts as a platform for various application in day today activities, hence helps life-long learning.

### Information Brochure



The brochure features a large image of a circuit board on the left. At the top, it displays portraits of three individuals: Dr. K. S. Rangasamy, Mr. R. Sriraman, and Mr. M. Iyapparaja. The central text identifies the event as an online mode webinar for Embedded Systems, organized by the Department of ECE at K.S.R. College of Engineering (Autonomous), Tiruchengode. It specifies the date as 18.02.2021 at 10:30 AM and provides a Google Meet link. The project manager, Mr. M. Iyapparaja, is also mentioned along with his contact details. The KSRCE logo and website are at the bottom.

**Dr. K. S. Rangasamy, M.T.,**  
Founder - Chairman, KSRCE

**Mr. R. Sriraman, B.E.,**  
Vice-Chairman, KSRCE

**K.S.R. College of Engineering (Autonomous)**  
Tiruchengode - 637 215  
DEPARTMENT OF ECE  
**Embedded Systems**

Online Mode > Date : 18.02.2021  
Time : 10:30 AM.

**M. Iyapparaja**  
Project manager  
Avench Systems Pvt Ltd  
Electronic City Phase II,  
Bengaluru, 560100

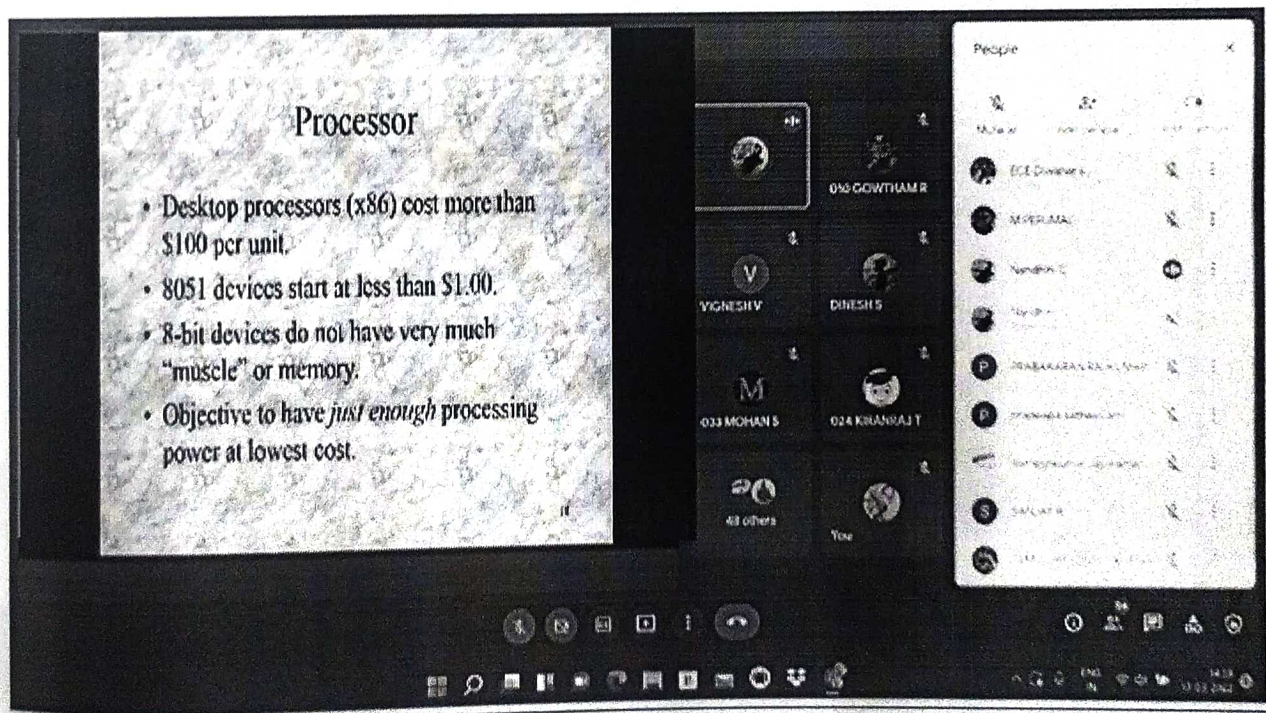
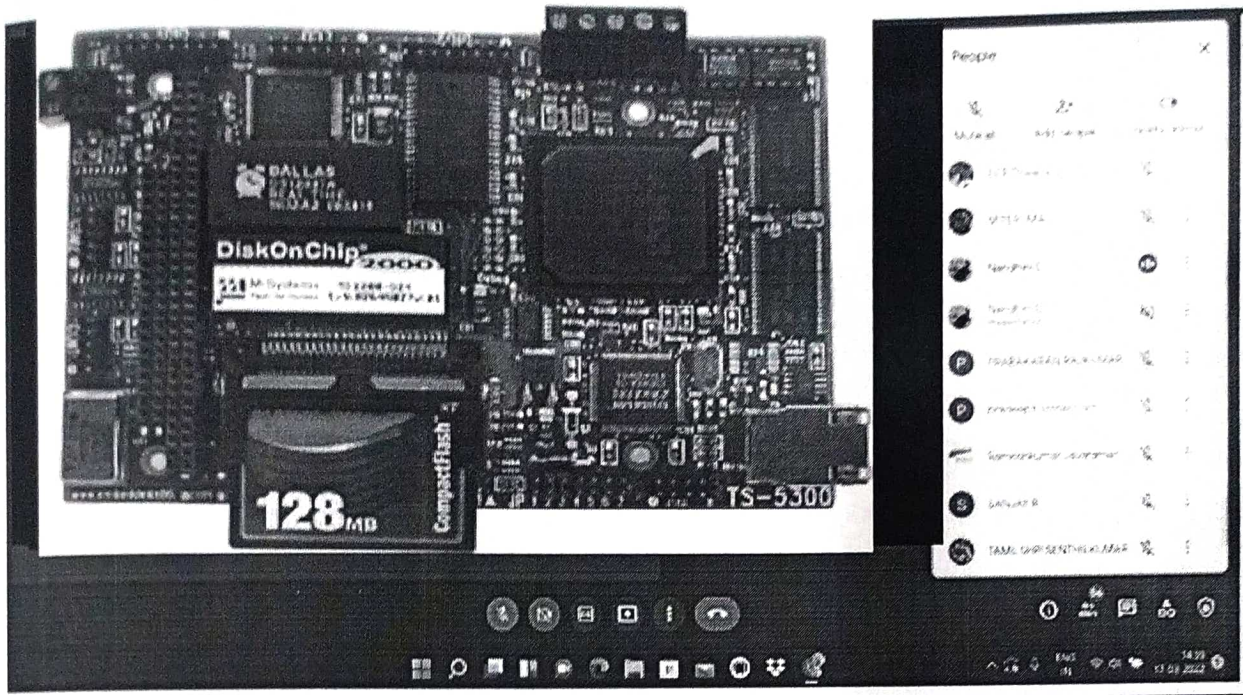
**KSR COLLEGE OF ENGINEERING**

<https://meet.google.com/zor-ewrx-aws>

[www.ksrce.ac.in](http://www.ksrce.ac.in)

### SCREEN SHOTS

## PPT OF THE PROGRAM



## Assembly VS C

- Assembly is the fastest, however, it is difficult to find or train assembly experts. Then if a new processor is required, you have to start over!
- C is mid-level, lots of good C programmers available. C compilers are available. C is on 8-, 16-, 32-, and 64-bits processors.

A

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VIGNESH V

DINESH S

M

033 MOHAN S

024 KIRANRAJ T

48 others

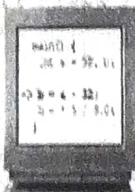
You

Meet - not a free trial

meet.google.com/ajj-ahmz-maa

## Cross-platform development

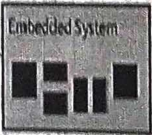
HOST



main() {  
  a = 50; b;  
  c = a \* 32;  
  d = 15 / 9.0;  
}

Communications Link

Embedded System



TARGET

A

010 GOWTHAM R

VIGNESH V

DINESH S

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033 MOHAN S

024 KIRANRAJ T

48 others

You

Meet - not a free trial

meet.google.com/ajj-ahmz-maa

Need for "Muscle" processor

The diagram shows a central 'IP' block connected to a 'Network Interface' at the bottom. Above the 'IP' block, several protocols are listed: PING, BOOTP, TFTP, SNMP, traceroute, FTP, telnet, and HTTP. These protocols are connected to the 'IP' block via a series of intermediate blocks: ICMP, UDP, and TCP. The 'IP' block is also connected to ARP and RARP. The 'Network Interface' is connected to the 'IP' block.

010 GOWTHAM R

VIGNESH V

DINESH S

M

033 MOHAN S

024 KIRANRAJ T

48 others

You

People

012 Jayapravina R

013 Jeeva R

Sivasankar Rajam...

016 JINU R

029 Pandiselvi P

002 S.balaji

031 PRADEEP R

032 PRAVEENKU...

025 Manobala S

007 HARIISH RS

017 Kamalashkan...

030 Periyasamy S

009 hemanth .m

003 DHANRAAJ S

023 MAHAA SHUR...

008 Harish v

006 GOWTHAM M

010 JAICHANDRU...

021 KIRUTHIKA D

014 Jeevanantha...

028 Navachithu p...

004 GIRIDHARAN P

019KARTHIGADE...

005 Gokul K

020 KATHIRVEL R

011 JAYAPRAKAS...

027 MOHANKUM...

015 Jeevanantha...

022 LOGESH S

018 Karthick Raja. P

026 MOHANA PR...

You

9:29 AM | ddc-ninr-rpn

ENG IN 17-03-2022

Students Attending the Embedded System

012 Jayapravina R

013 Jeeva R

Sivasankar Rajam...

016 JINU R

029 Pandiselvi P

002 S.balaji

031 PRADEEP R

032 PRAVEENKU...

025 Manobala S

007 HARIISH RS

017 Kamalashkan...

030 Periyasamy S

009 hemanth .m

003 DHANRAAJ S

023 MAHAA SHUR...

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011 JAYAPRAKAS...

027 MOHANKUM...

015 Jeevanantha...

022 LOGESH S

018 Karthick Raja. P

026 MOHANA PR...

You

9:29 AM | ddc-ninr-rpn

ENG IN 09:29 AM

*[Signature]*

Coordinator  
[Dr. P.S.PERIASAMY]