

# K. S. R. COLLEGE OF ENGINEERING

(AN AUTONOMOUS INSTITUTION)

NBA Accredited, Approved by AICTE and Affiliated to Anna University

TIRUCHENGOODE-637215

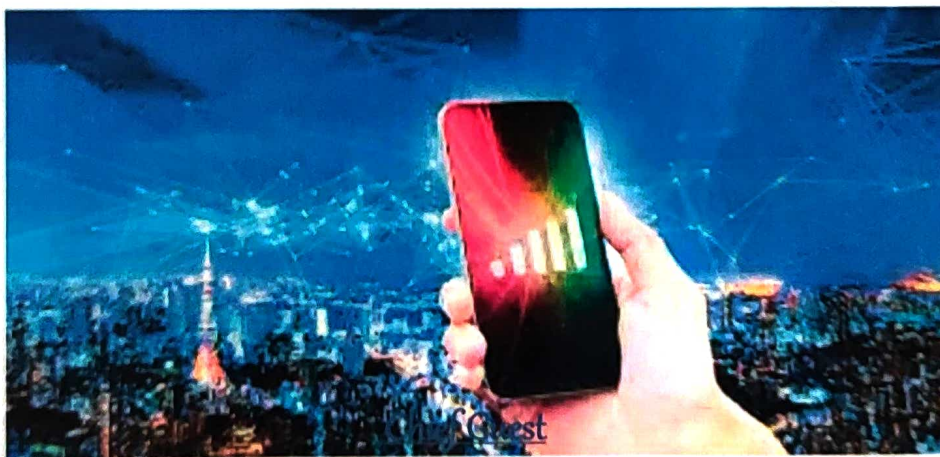
*Guest Lecture*

*on*

**RECENT TRENDS**

**IN**

**MOBILE COMMUNICATION**



**MR. MADHAVAN.T.R**

**SUB DIVISIONAL ENGINEER, 4 G MOBILE SWITCHING  
CENTRE,  
BSNL- TAMILNADU CIRCLE**

**Coordinator : Mrs.P.Thilagavathi, Associate Professor/ECE**

**Date: 03.09.2019**

**Venue: MCA Seminar Hall**

KSRCE/QM/8.2.4/5.3/ECE

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

(Autonomous)

Department of Electronics and Communication Engineering

Date: 27.08.2019

Submitted to the principal

Sub: Requisition to conduct Guest lecture – Reg.

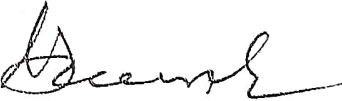
We have planned to conduct IETE sponsored Guest lecture on "Recent trends in Mobile Communication" for ECE students on **03.09.2019** from 9.30a.m to 2.00p.m. So we request you to grant the permission to conduct the Guest lecture on above mentioned date with a financial assistance of Rs.4000/-

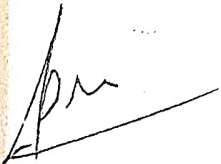
Resource person: Mr.Madhavan.T.R, Sub Divisional Engineer, 4G Mobile switching centre,  
BSNL- Tamilnadu Circle.

MANCUM MANAGING TRUSTEE  
27/8/19  
2. A. Jayamathi  
IETE Coordinator

P.Thilagavathi,ASP/ECE

A.Jayamathi,ASP/ECE

  
HOD/ECE





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(An Autonomous Institution, Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai,  
Accredited by NAAC with 'A' Grade and ISO 9001:2008 Certified Institution)

**R. SRINIVASAN B.B.M.,**  
Chairman cum Managing Trustee

**Dr. P. SENTHIL KUMAR M.E. PH.D. (IITM)**  
Principal

## LETTER OF INVITATION

Date: 27-08-2019

From

P.Thilagavathi,  
Associate Professor/ECE,  
K.S.R. College of Engineering,  
Tiruchengode – 637 215.

To

Mr.Madhavan,TR ,  
Sub Divisional Engineer,  
4G Mobile Switching Centre,  
BSNL - Tamilnadu Circle

Dear Sir,


On behalf of Department of Electronics and Communication Engineering - K.S.R. College of Engineering, I am very pleased to have the honor of inviting you to deliver Guest Lecture at our college on "Recent Trends in Mobile Communication".

We have arranged the lecture on September 03, 2019 at 09:30 a.m. We are expecting an audience of approximately 150 students from our department.

It would be a great honor and privilege if you would graciously participate in our event and shared your expertise on the topic with our participants. Please let us know if you will require any audio-visual equipment or additional technological support. Also, please keep us informed of your travel itinerary.

We are anticipating your reply and look forward to spending the day with you and listening to your knowledgeable speech.

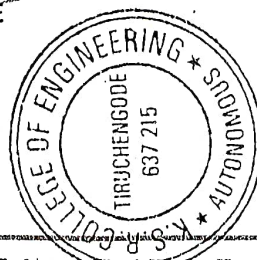
We look forward to seeing you soon.

  
CO-ORDINATOR  
(P.Thilagavathi)

  
HOD-ECE

  
PRINCIPAL

Dr. P. Senthil Kumar, M.E., Ph.D., (IIT)  
PRINCIPAL,  
K. S. R. COLLEGE OF ENGINEERING,  
K. S. R. KALVI NAGAR,  
TIRUCHENGODE-637 215,  
NAMAKKAL Dt, TAMIL NADU.



KSR Kalvi Nagar, Tiruchengode-637 215, Namakkal Dist., Tamil Nadu.

Ph : 04288-274213, 274741 Fax : 04288-274757 Email : info@ksrce.ac.in, Web: www.ksrce.ac.in





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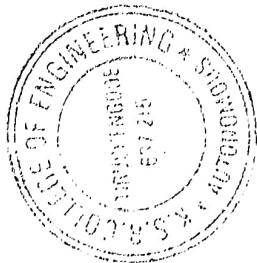
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Date : 03-09-2019

## LETTER OF APPRECIATION

This is to appreciate and thank **Mr. Madhavan**, TR, Sub Divisional Engineer, 4G Mobile Switching Centre, BSNL - Tamilnadu Circle through his session on IETE sponsored Guest Lecture on "Recent Trends in Mobile Communication", conducted by our Department of Electronics and Communication Engineering on 03.09.2019 (Tuesday). This lecture helped the students to understand the concepts of wireless standards, cellular mobile technology (from 1G to 5G) and CDMA principles. This lecture also enhances the knowledge on digital modulation techniques and the usage of IP networking in mobile communication.



**PRINCIPAL**

**Dr. P. Senthil Kumar**, M.E., Ph.D., IITM  
PRINCIPAL,  
K. S. R. COLLEGE OF ENGINEERING,  
K. S. R. KALVI NAGAR,  
TIRUCHENGODE-637 215,  
NAMAKKAL DIST., TAMIL NADU.



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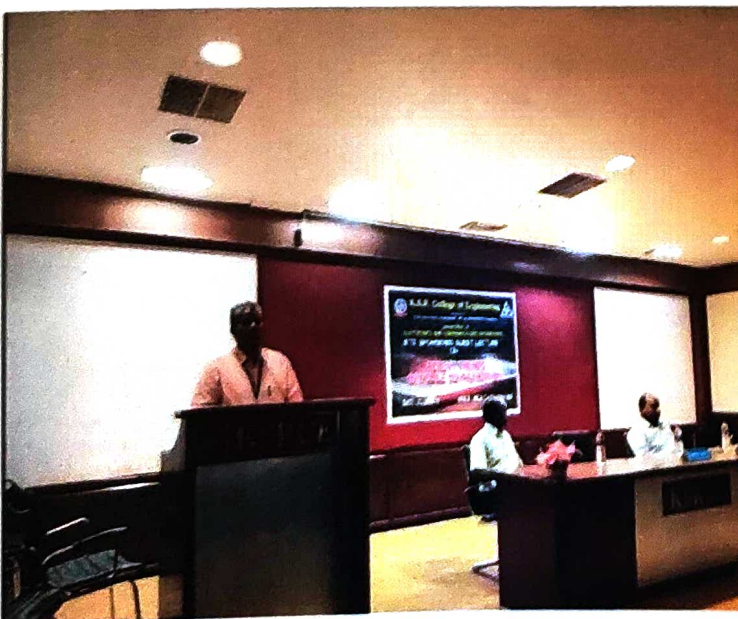
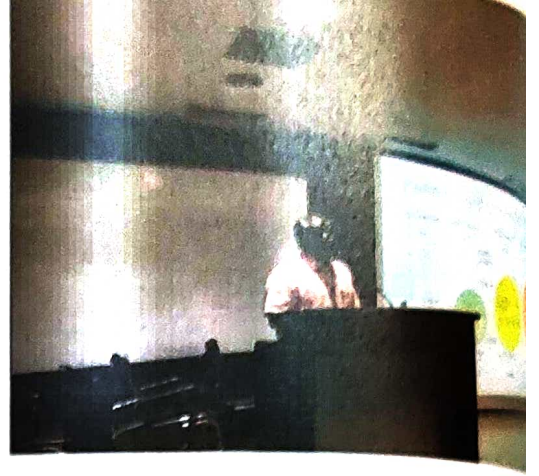
**PRINCIPAL**

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K. S. R. COLLEGE OF ENGINEERING,  
K. S. R. KALVI NAGAR,  
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Ph : 04288-274213, 274741 Fax : 04288-274757 Email : info@ksrce.ac.in, Web: www.ksrce.ac.in





Guest Lecture by Mr.Madhavan.TR on 03.09.2019

## **Feedback from Guest Speaker**



Department of Electronics and Communication Engineering

**FEEDBACK FROM THE SPEAKER**

**Name of the Speaker:** Mr. Madhavan TR, Sub Divisional Engineer, BSNL, Tamil Nadu Circle

**Topic:** Recent Trends in Mobile Communication

➤ Please '✓' the option you find most suitable.

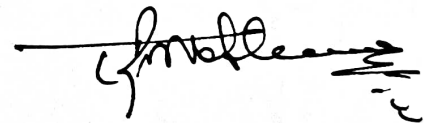
S.No	Particular	Good	Moderate	Poor
1.	Is this lecture will help the students to improve the knowledge in mobile communication?	✓		
2.	How was the event organized?	✓		
3.	Is the Session interactive?		✓	
4.	How was the Hospitality?	✓		
5.	Is the venue convenient for you?	✓		

**Additional comments and suggestions for future**

The Students may be encouraged to  
family interact with the speaker's job.

Date: 3/5/19

Thank You





# **Feedback from Participants**

Department of Electronics and Communication Engineering

**FEEDBACK FORM FOR GUEST LECTURE**

Register Number: 1615049 Name of the Student: PRABHA E

Topic: Mobile Communication

Name of the Speaker: T.R. MADHAVAN

*If you attended the guest lecture we would like to make sure that the sessions were relevant and useful. Give your appropriate feedback to make the future lectures more beneficial for you.*

➤ Please '✓' the option you find most suitable.

S.No	Particular	Extremely Good	Good	Quite Good	Poor
1.	How was the overall organization of the lecture?		✓		
2.	How relevant was the content discussed by the speaker?		✓		
3.	Are you satisfied with the time and venue?	✓			
4.	How much interesting this session was for you?		✓		
5.	Did the lecture cover what you were expecting?	✓			
6.	What is your opinion about the speaker?	✓			
7.	How much this session was useful from the knowledge and information point of view?		✓		
8.	Overall effectiveness of the lecture.		✓		

**Additional comments and suggestions for future**

The 5G Technology lecture is too  
good & new one to have hear information.

Date: 02/09/19

Thank You  
Thank You

Department of Electronics and Communication Engineering

**FEEDBACK FORM FOR GUEST LECTURE**

Register Number: 1715025 Name of the Student: Janani

Topic: Mobile Communication

Name of the Speaker: Madhavan

*If you attended the guest lecture we would like to make sure that the sessions were relevant and useful. Give your appropriate feedback to make the future lectures more beneficial for you.*

➤ Please '✓' the option you find most suitable.

S.No	Particular	Extremely Good	Good	Quite Good	Poor
1.	How was the overall organization of the lecture?	✓			
2.	How relevant was the content discussed by the speaker?		✓		
3.	Are you satisfied with the time and venue?		✓		
4.	How much interesting this session was for you?	✓			
5.	Did the lecture cover what you were expecting?		✓		
6.	What is your opinion about the speaker?	✓			
7.	How much this session was useful from the knowledge and information point of view?	✓			
8.	Overall effectiveness of the lecture.		✓		

**Additional comments and suggestions for future**

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Date: 3/9/19

Thank You



Department of Electronics and Communication Engineering

**FEEDBACK FORM FOR GUEST LECTURE**

Register Number: 1615507 Name of the Student: S. PRASANNA VENKATESH.

Topic: Mobile Communication System

Name of the Speaker: Madhavan.

*If you attended the guest lecture we would like to make sure that the sessions were relevant and useful. Give your appropriate feedback to make the future lectures more beneficial for you.*

➤ Please '✓' the option you find most suitable.

S.No	Particular	Extremely Good	Good	Quite Good	Poor
1.	How was the overall organization of the lecture?	✓			
2.	How relevant was the content discussed by the speaker?		✓		
3.	Are you satisfied with the time and venue?	✓			
4.	How much interesting this session was for you?	✓			
5.	Did the lecture cover what you were expecting?		✓		
6.	What is your opinion about the speaker?		✓		
7.	How much this session was useful from the knowledge and information point of view?	✓			
8.	Overall effectiveness of the lecture.	✓			

**Additional comments and suggestions for future**

We want weekly or lecture  
for our future.

Date: 3.09.2019

Thank You

Department of Electronics and Communication Engineering

**FEEDBACK FORM FOR GUEST LECTURE**

Register Number: 1616509

Name of the Student: Sabarish R.

Topic: Mobile Communication

Name of the Speaker: Madhavan

*If you attended the guest lecture we would like to make sure that the sessions were relevant and useful. Give your appropriate feedback to make the future lectures more beneficial for you.*

➤ Please '✓' the option you find most suitable.

S.No	Particular	Extremely Good	Good	Quite Good	Poor
1.	How was the overall organization of the lecture?		✓	✓	
2.	How relevant was the content discussed by the speaker?		✓		
3.	Are you satisfied with the time and venue?		✓		
4.	How much interesting this session was for you?	✓			
5.	Did the lecture cover what you were expecting?		✓		
6.	What is your opinion about the speaker?		✓		
7.	How much this session was useful from the knowledge and information point of view?		✓		
8.	Overall effectiveness of the lecture.			✓	

**Additional comments and suggestions for future**

More additional Lecture atleast weekly ones  
And need more practical Lecture

Date: 03/09/19

Thank You

Department of Electronics and Communication Engineering

**FEEDBACK FORM FOR GUEST LECTURE**

Register Number: 1615506

Name of the Student: Poovarasan. P

Topic: Recent Trends in mobile communication

Name of the Speaker: T.R. Madhavan

*If you attended the guest lecture we would like to make sure that the sessions were relevant and useful. Give your appropriate feedback to make the future lectures more beneficial for you.*

➤ Please '✓' the option you find most suitable.

S.No	Particular	Extremely Good	Good	Quite Good	Poor
1.	How was the overall organization of the lecture?	✓			
2.	How relevant was the content discussed by the speaker?	✓			
3.	Are you satisfied with the time and venue?	✓			
4.	How much interesting this session was for you?	✓			
5.	Did the lecture cover what you were expecting?	✓			
6.	What is your opinion about the speaker?	✓			
7.	How much this session was useful from the knowledge and information point of view?	✓			
8.	Overall effectiveness of the lecture.	✓			

**Additional comments and suggestions for future**

some slides are skipping and some topics  
is very fast completion that is avoiding

Date: 3.8.19

P. Poovarasan  
Thank You



**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 Students			
		Extremely Good	Good	Quite Good	Poor
1.	Overall Organization of the Lecture	98	60	5	-
2.	Relevant Information	69	85	9	-
3.	Time and Venue	68	83	9	3
4.	Kindling about the Subject Knowledge	62	88	10	3
5.	Anticipation of Speech	69	80	10	4
6.	Opinion about Speaker	79	74	10	-
7.	Usefulness of the session from the Knowledge and information point of view	78	78	7	-
8.	Overall effectiveness of the Lecture	72	76	13	2

- The Guest Lecture was very informative that the students learnt about fundamentals of Mobile communication and Wireless Technologies. The lecture was even more interesting with the examples he gave relating to each topic. It was wonderful Knowledge sharing and gaining lecture regarding Mobile Communication.

***Impacts:***

- This Guest lecture helped the students to improve their knowledge on the field of Wireless Communication and the students may have the opportunity to participate in more workshops that have taken place under various topics on Wireless Communication, held at various other colleges.
- The Students may also be insisted to publish many articles on Wireless Communication.
- The Guest Lecture has also motivated the students to do more projects on Wireless Communication.

**Impacts on Programme Outcomes:**

**PO1-Engineering Knowledge:**

This Guest Lecture provides basic engineering knowledge on wireless communication.

**PO11-Project Management and finance:**

This lecture motivated many of the students to do project on Wireless Communication.

**PO12-Life-long Learning:**

This lecture provides information on mobile communication and hence helps life-long learning.





# **K.S.R. College of Engineering**

(Autonomous)

K.S.R. Kalvi Nagar, Tiruchengode - 637 215, Namakkal Dt. TamilNadu



## **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING IETE SPONSERED GUEST LECTURE ON**

## **RECENT TRENDS IN MOBILE COMMUNICATION**

**DATE : 03.09.2019**

**VENUE : MCA Conference Hall**



K.S.R.COLLEGE OF ENGINEERING (AUTONOMOUS), TIRUCHENGODE -637215  
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

List of Student Volunteers

S.NO	Register Number	Name of the Student	Year
1.	1715001	Aarthi.E	III
2.	1715008	Deepa.G	III
3.	1715009	Deepadharani.R	III
4.	1715027	Jawahar.N	III
5.	1715046	Mohamed Adhil.A	III
6.	1715048	Mohan Kumar.B	III
7.	1715056	Narendran.R	III
8.	1715073	SathisKumar.L	III

  
Faculty Co-ordinator

  
HoD-ECE