



# Sreenivasa Institute of Technology and Management Studies (SITAMS)

Murukambattu, Chittoor, Andhra Pradesh.

## Technical Talk

On

### **“Importance of Electromagnetic Interference”**

Department of Electronics and Communication Engineering organized a Tech-Talk on **“Importance of Electromagnetic Interference” on 01-10-2019**

Efficient Technical talk on density of the electromagnetic environment continues to increase, the concern about its effects from sources producing EMI also increases. Advances in technology and the number of products produced are having a significant effect on the efforts aimed at maintaining the required operation and interoperability of products and systems used in our society. These events had added challenges for those who are responsible for keeping pace with the effort needed to maintain the required level of electromagnetic compatibility (EMC) in these products and systems.

**Speaker’s Details** : Dr. P. Bhuvaneshwari

Associate Professor/ECE Dept

**Convenor** : Dr. K. Prabhu chandran, Associate Professor, ECE Dept., SITAMS.

**Date** : 01.10.2019

**Venue** : Gallery, SITAMS.

**Target Audience** : Faculty and Students.

Q. Find a participant

P	Priyanka S	/	CB
RT	RAHURAMAN T RPOG	/	CB
SI	Salim Jiwani	/	
S	Saravana Senthil	/	CB
S	Sridhar P	/	CB
V	VidyaD	/	CB
Y	yogi	/	
A	Aruna		
AJ	Aruna J		
	Davanam Ganesh		CB
MS	Menish Sanserwal		CB
MR	Manoj Kumar		CB
PS	Prashant Srivastava		CB
RR	R RAMANATHAN		
S	Saraswathy		CB

Mute Mute All



# Sreenivasa Institute of Technology and Management Studies (SITAMS)

Murukambattu, Chittoor, Andhra Pradesh.

Technical talk

On

## **“Realtime Embedded Systems”**

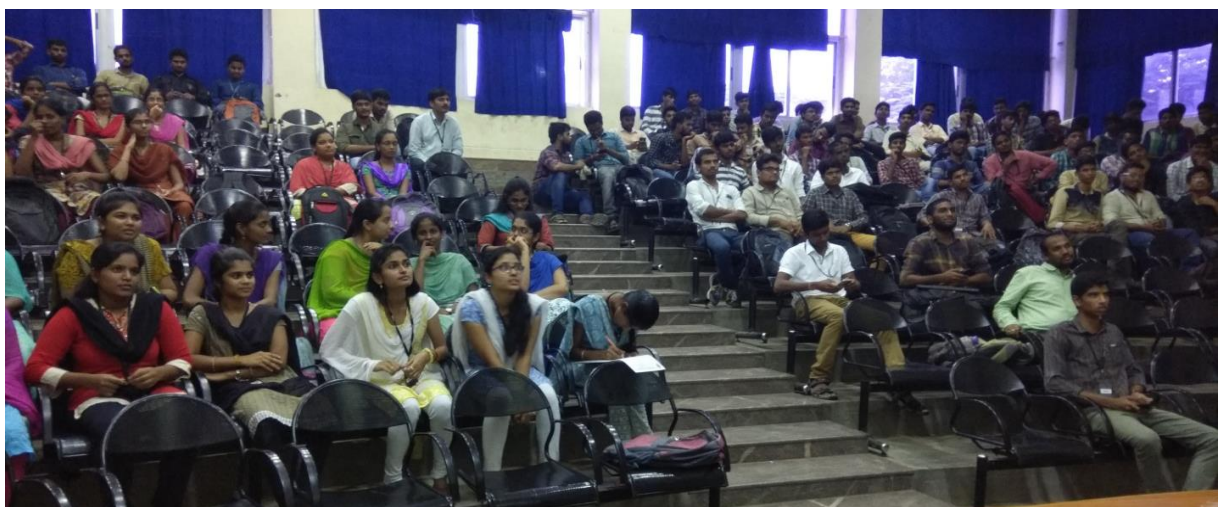
Department of Electronics and Communication Engineering organized a Tech-Talk on **“Realtime Embedded Systems”** on **09-02-20**.

A Efficient talk on Realtime Embedded system is evolving considerably into a top industry to be noted in this technical world. The board, diver and highly fragmented embedded system get more attention among software engineers for career development. The industry sectors also seeking more evolved technical approach in Embedded systems and their innovations to offer various strategies. Most of the industries and products and their services now rely on embedded systems which makes them highly innovative in solutions offering to customers

### **Objectives:**

Technology trends are reaching some heights. In embedded also, the Devices has grown into unique properties which fit in all categories and sectors. Considering the different business sectors and their application in future, Embedded System and Device gets more attraction in future due to its application-oriented results and focussing areas of development. This seminar generally addresses several key points:

- Speaker’s Details** : Dr. S. JAGADEESHA Professor, Department of ECE,  
SVCET, CHITTOOR
- Convenor** : Dr. K. Prabhu chandran, Associate Professor, ECE Dept., SITAMS.
- Date** : 09.02.2020
- Venue** : Gallery, SITAMS.
- Target Audience** : Faculty of SITAMS.





# Sreenivasa Institute of Technology and Management Studies (SITAMS)

Murukambattu, Chittoor, Andhra Pradesh.

Technical talk

On

## **“6G Mobile Technology Network”**

Department of Electronics and Communication Engineering organized a Tech-Talk on **“6G Mobile Technology Network” on 12-02-2019**

2G, 3G, 4G and 5G mobile technologies have evolved in the technology side of development. The 6G mobile technology is the next generation wireless mobile resources and the 6g technology will surely make a phenomenal change in mobile technologies. The mobile world is racing very fast that the mobile manufacturers on one side make new mobile phones with latest technology which can be categorized into Camera Mobiles, Music Mobiles, Office Mobiles, Touch Mobiles, Mp3 mobiles, Card slot mobiles, FM mobiles, Bluetooth mobiles, GPS mobiles, Games mobiles, 3G mobiles, Wi-Fi mobiles, E-mail mobiles, Qwerty mobiles, Smartphones, Business Mobiles and others.

But even temperatures below the threshold can produce failures due to electromigration.  
The Race to 6G — Faster Networks and Devices Promise a World of New Possibilities

**Speaker's Details** : Dr LEONARD GIBSON MOSES Professor, Department of ECE,  
Kings Engineering College, Chennai

**Convenor** : Dr. K. Prabhu chandran, Associate Professor, ECE Dept., SITAMS.

**Date** : 12.02.2019





# Sreenivasa Institute of Technology and Management Studies (SITAMS)

Murukambattu, Chittoor, Andhra Pradesh.

Technical talk

On

## “Touchless Touch screen Technology”

Department of Electronics and Communication Engineering organized a Tech-Talk on “Touchless Touch screen Technology” on 14-02-2019

The touch less touch screen sounds like it would be nice and easy, however after closer examination it looks like it could be quite a workout. This unique screen is made by Touch, White Electronics Designs, and Groupe 3D. The screen resembles the Nintendo Wii without the Wii Controller. With the touchless touch screen your hand doesn't have to come in contact with the screen at all, it works by detecting your hand movements in front of it. Today's thoughts are again around user interface. Efforts are being put to better the technology day-in and day-out.

The Touchless touch screen user interface can be used effectively in computers, cell phones, webcams and laptops.

**Speaker's Details** : Dr P. Ramanathan Professor, Department of ECE,  
MITS

**Convenor** : Dr. S. VIJAYAKUMAR, Associate Professor, ECE Dept., SITAMS.

**Date** : 14.02.2019





# Sreenivasa Institute of Technology and Management Studies (SITAMS)

Murukambattu, Chittoor, Andhra Pradesh.

Technical talk

On

## “OPTICAL INTERSATELLITE COMMUNICATION”

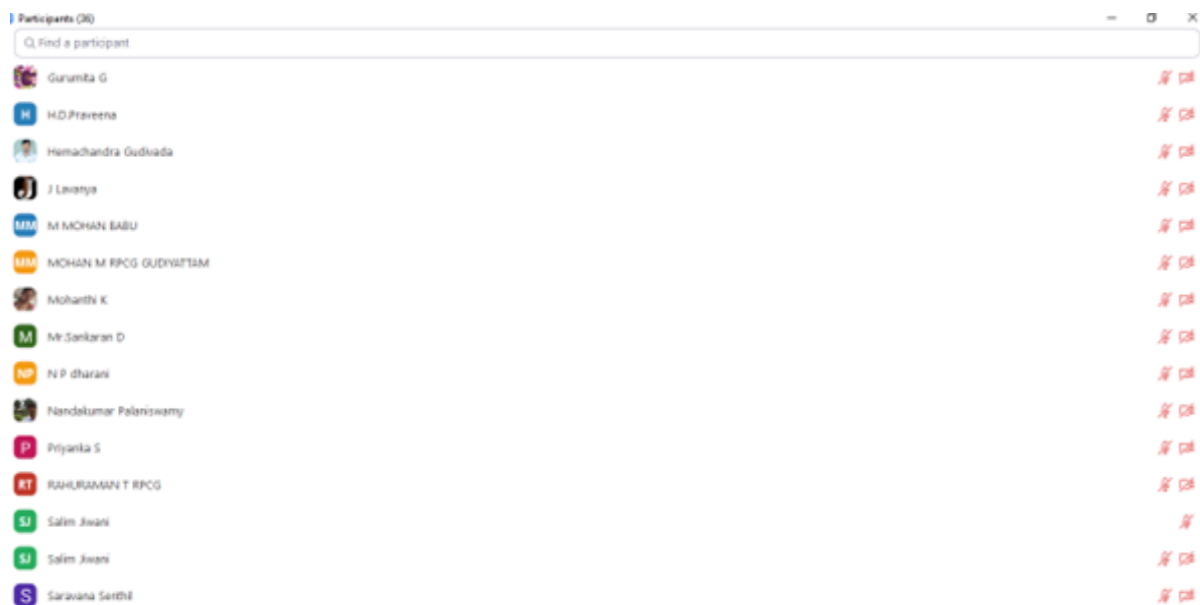
Department of Electronics and Communication Engineering organized a Tech-Talk on “**Optical Intersatellite Communication**” on **14-02-2019**

Communication links between space crafts is an important element of space infrastructure, particularly where such links allow a major reduction in the number of earth stations needed to service the system. The terminal design which has been produced to meet these requirements includes a number of novel features principally, a periscope coarse pointing mechanism (cpa) small refractive telescope, fiber coupled and lasers and receivers, fiber based point ahead mechanism (paa), anti vibration mount (soft mount) and combined acquisition and tracking sensor (ATDU). This combination has enabled a unique terminal design to be produced which is small and lightweight these features are described. More than 80 Participants has been participated

**Speaker's Details** : Dr S. PARASURAM Professor, Department of ECE,  
KARPAGA VINAYGA ENGG COLLEGE

**Convenor** : Dr. K. Prabhu chandran, Associate Professor, ECE Dept., SITAMS.

**Date** : 14.02.2019



Participants (20)

Q Find a participant

- Saravanan M (Host, m4)
- M NEERAJEN
- Arumalla Nagajaju
- esha rayapati
- Ishasha Pydala
- CHANDU JAGAN SEKHAR M
- Dr. Deepa
- Dr. L. Venkateswara Reddy
- Dr. M. Sunil kumar
- Dr.VIMALA S
- Gurumita G
- H.D.Praveena
- Himachandra Gudkuda
- M MOHAN BABU
- MOHAN M RPOG GUDIVETAM

Invite

Mute All

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# Sreenivasa Institute of Technology and Management Studies (SITAMS)

Murukambattu, Chittoor, Andhra Pradesh.

Technical talk

On

## “ARTIFICIAL INTELLIGENCE OF MACHINE LEARNING”

Department of Electronics and Communication Engineering organized a Tech-Talk on “Artificial Intelligence of Machine Learning” on 14-02-2019

An extreme speech was given by the Artificial Intelligence of Machine Learning. We human and animals have natural Intelligence yes, we can think and act. Machines can't. In contrast to this “if machines can exhibit Intelligence and act like what we do, it is called artificial Intelligence. This is achieved through algorithms and complex math

Well, this is a subset of the broad AI umbrella, ML will enable the systems to perform a specific task without explicit interventions or inputs. Decisions received data, Interferences can be acquired and decisions can be taken.

More than 75 faculties has been participated and Efficient given by the keynote speaker

**Speaker's Details** : Dr V. Sivasankaran Professor, Department of ECE,  
KARPAGA VINAYGA ENGG COLLEGE

**Convenor** : Dr. K. Prabhu chandran, Associate Professor, ECE Dept., SITAMS.

**Date** : 14.02.2019

A screenshot of a Zoom meeting slide titled "Definitions...". The slide contains three sections: "Artificial Intelligence", "Machine Learning", and "Deep Learning". The "Artificial Intelligence" section states: "We humans and animals have natural intelligence! Yes, we can think and act. Machines can't. In contrast to this 'if machines can exhibit intelligence and act like what we do, it is called artificial intelligence. This is achieved through algorithms and complex math!'" The "Machine Learning" section states: "Well, this is a subset of the broad AI umbrella. ML will enable the systems to perform a specific task without explicit interventions or inputs. Decisions shall be based on the examples we provided in the past. Based on the patterns in the received data, inferences can be acquired and decisions can be taken. Main aim - No human intervention! Let the computer learn automatically!" The "Deep Learning" section states: "Here comes the growth! In deep learning the human brain is imitated in processing the data and understanding the same. Solutions also shall be in a way the brain thinks. This is fully based on Neural Networks (Brain is full of neurons!!) People also call this Deep Neural Learning, or Deep Neural Networks". The slide is part of a Zoom meeting interface, with a participant list on the right showing 32 participants, including Prof Dr. Manvelan Balaram, RAHURAMAN TRPGG, Rajesh G, Karthi D, S Ashmad, Saravana Senthil, Sridhar P, Aruna J, BHAKTHAVATSALAM POLYTECHNIC, Dr. Manikandan J, Manish Samsawal, S V Reddy, and Vidya D.

