

# K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY



DEPARTMENT OF  
ELECTRICAL AND  
ELECTRONICS ENGINEERING

## BEES NEWS LETTER

April 2019

## APPLICATION OF MATHEMATICAL TRANSFORMS

Guest Lecture on Communication Skills for Better Results in Business was organised by EEE Department on 24.01.2019. Mathematics plays importance role in engineering. Mathematical tranforms like Laplace,Fouirer are used in engineering.



**Mr. S. Sheik Majeeth, Assistant Ptofessor, Saveetha Engineering College, Chennai** hadled the seminar on Application of Mathematical Transforms. This seminar covered applications of Mathematical Transforms invarious dmains of engineering. The student's involvement was good and the session was very much interactive because of seminar given to the students.

## EFFECTIVE COMMUNICATION FOR ENGINEERS

Guest Lecture on Effective Communication for Engineers was organised by EEE Department on 12.02.2019. Success as an engineer is determined in large part by your ability to communicate. You can be the best at what you do, but if you're not communicating effectively with clients, staff and the market, then you're missing opportunities.

Developing communication skills can help many aspects of our life, from our professional career, to social gatherings, to our family life. In today's hectic world, we rely heavily on sharing information, resulting in greater emphasis being placed on having good communication skills. Good verbal and written communication skills are essential in order to deliver and understand information quickly and accurately.



**Karikolraj K, Senior Consultant at ABC Infomedia Private Limited**, delivered guest lecture on Effective Communication for Engineers. The guest lecture aimed at providing in-depth knowledge for the students about communication skills for better results in business.

The students from third year gained clear knowledge on real time problems on communication skills in business. His lecture made the students to develop their communication skills and they showed intense towards the topic delivered.

### **ENTREPRENEURSHIP SKILLS**

EEE Department organised a guest lecture in the topic of Present Scenario in Entrepreneurship on 21.02.2019. A strong entrepreneurial sector can significantly boost economic growth of a country. India ranks among the top five countries in the world in terms of number of startups founded. The Startup-ecosystem in India has seen a very slow growth last year. However, introduction of GST and Make In India initiatives, have given a momentum for change.

Recent reports from NASSCOM indicate that the start-ups and entrepreneurs in are multiplying. India is said to be third largest host for startup-ecosystems globally. It is measured that India houses around 4200 start-ups, creating more than 85000 employment opportunities. It is projected that the number of Start-Ups in India will increase to more than 11,500 by 2020, with job creation from these entrepreneurs reaching 250-300k by 2020.



**S. Mohan, Entrepreneurship Advisor**, delivered guest lecture on Entrepreneurship Skills. This lecture aimed at providing in-depth knowledge for the students in the areas of Entrepreneurship. The students from third year gained knowledge on current scenario in entrepreneurship. The growths of entrepreneurship were clearly explained by the resource person. His lecture made the students to get some ideas on entrepreneurship and they showed intense towards the topic delivered.

### **E-VEHICLE - CHALLENGES AND OPPORTUNITIES**

BEES Association organised a seminar on “E-Vehicle - Challenges and opportunities” in association with IEI Students Chapter on 12.03.2019 for the benefits of EEE students. E-mobility has arrived in India. In the Indian context, any discourse around Electric Vehicles cannot be disjointed from pollution and its impact, dependence on oil imports, dire need to have more renewable sources of energy. The automotive industry could benefit by viewing it not as a threat, but an opportunity.



**Arunkumar E, Founder at Nanba (Online food order and delivery app), Erode,** delivered guest lecture on E-Vehicle - Challenges and opportunities. This lecture aimed at providing in-depth knowledge for the students in the areas of E-Vehicle.

The students gained awareness on the several research areas of E-Vehicle. The various classifications of E-Vehicle were clearly explained by the resource person. His delivery attracted the students.

### **HANDS ON TRAINING IN MULTISIM**

Hands On Training In Multisim was organised by BEES Association on 04.03.2019. Multisim is widely used in academia and industry for circuits education, electronic schematic design and SPICE simulation. NI Multisim (formerly MultiSIM) is an electronic schematic capture and simulation program which is part of a suite of circuit design programs, along with NI Ultiboard. Multisim is one of the few circuit design programs to employ the original Berkeley SPICE based software simulation.



**Dr.T.Srihari, Professor/EEE, and Dr.A.Murugesan, ASP/EEE** of our institution conducted the hands on session for Multisim. The workshop proved to be very informative, giving the students deep insights about basic elements of circuit design flow: capture, simulation, prototyping and test. Through the exercise, students were familiarized with the NI Multisim environment, they will place and wire schematic components, simulate a completed circuit, and prototype and test.

# **KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY**

## **VISION**

To become a globally recognized Institution in Engineering Education, Research and Entrepreneurship.

## **MISSION**

- ❖ Accomplish quality education through improved teaching learning process.
- ❖ Enrich technical skills with state of the art laboratories and facilities.
- ❖ Enhance research and entrepreneurship activities to meet the industrial and societal needs.

## **Department of EEE**

### **VISION**

To produce world class Electrical and Electronics Technocrats and Entrepreneurs with social responsibilities.

### **MISSION**

- ❖ Impart quality education in the field of Electrical and Electronics Engineering through state of the art learning ambience.
- ❖ Enrich interdisciplinary skills and promote research through continuous learning.
- ❖ Enhance professional ethics, entrepreneurship skills and social responsibilities to serve the nation.

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## **Editorial Board**

### **Student Incharges**

Praveenkumar B IV year EEE

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### **Faculty Incharge**

Mr. M. A. Stephenraj

Assistant Professor / EEE

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