



Department of
ELECTRICAL &
ELECTRONICS
ENGINEERING



LUMINANCE'19



ABOUT THE DEPARTMENT

Vision of the department

To be a place of center of excellence by imparting quality teaching and innovative research, promoting technology development and consulting service in the frontier areas of Electrical and Electronics Engineering.

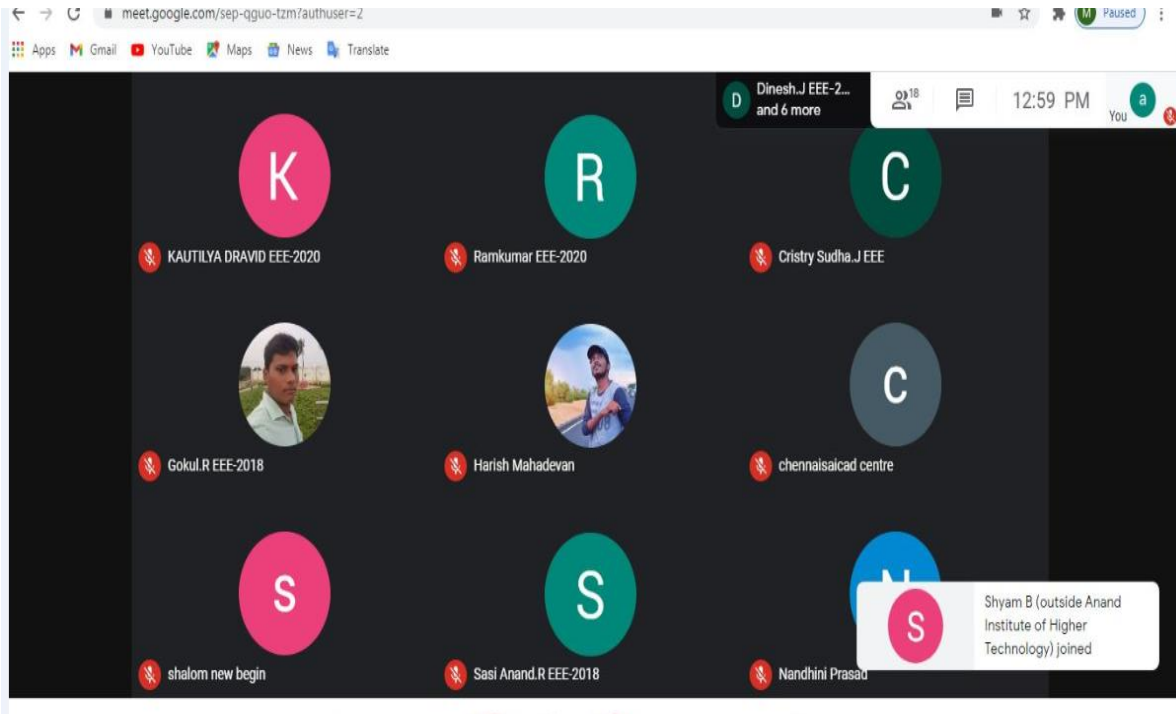
Mission of the department

To empower students with state of art technologies to meet the growing challenges of the industry. To educate the students with strong foundations to enable them for continuing education. And to promote research through constant interactions with R&D organisations and industry.

WEBINAR ON BATTERY ELECTRIC VEHICLES & TECHNOLOGY

A one day “ **WEBINAR ON BATTERY ELECTRIC VEHICLES & TECHNOLOGY**” has been arranged by our department and was conducted on **10.12.2019**. The First session of the **Webinar** was conducted by **Mr. Ganesh Sankaran, Chief Program Engineer – Programs**. The second session was conducted by **Mr. Ramakrishnan Sivasubramanian, Senior Engineer – Programs, Product Development**.

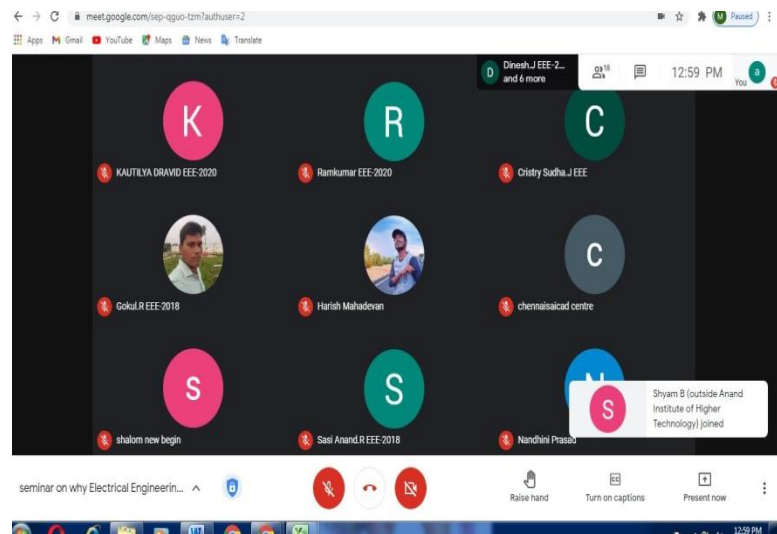
Around 35 students of our department participated in this webinar actively



WEBINAR ON ARTIFICIAL INTELLIGENCE AND APPLICATION

A Webinar on”
ARTIFICIAL INTELLIGENCE AND APPLICATION “has been arranged by our department and was conducted on **25.05.20** by **Mr.Jaiganesh Data Science Architect, Ericsson,**

About 35 students from the department gained knowledge from this Webinar



GUEST LECTURE ON “CAREER GUIDANCE”

A GUEST LECTURE ON “CAREER GUIDANCE” has been arranged by our department and was conducted on **07.10.2019** by **Mr.Rajakanna, Time Institute, Chennai** About 35 students from the department gained knowledge from this guest lecture.



GUEST LECTURE ON “SOCIAL RESPONSIBILITY OF AN ENGINEER”

A GUEST LECTURE ON “SOCIAL RESPONSIBILITY OF AN ENGINEER” has been arranged by our department and was conducted on **2.12.2019** and The resource person was **Mr. Mudassar Ali, Head HR HTL Ltd,**

Around 35 students from the department gained knowledge from this guest lecture.



PLACEMENT PROGRESS IN FEB'20

The following students have got placed during the month of february 2020

S.No	Name of the student	Company Placed (only in February)
1.	Adhavan.R	CSS CORP
2.	Ajay murugan.J	CSS CORP
3.	Anish.A	Ucal fuel system
4.	Babu.S	AVA SOFT
5.	Balachandran.R	AVA SOFT
6.	Elumalai.V	Ucal fuel system
7.	Gokul Ram.I	AVA SOFT
8.	Pangaja.K	ECUBE
9.	Pavithra.K	ECUBE
10.	Pitchai Mani.D	AVA SOFT
11.	Pradeepa.P	TCS Sutherland
12.	Pragasana.S	AVA SOFT
13.	Saravana Kumar.S	VOLTECH
14.	Yokesh Kumar.K.J	Sutherland

EMERGING ERA OF SMART GRIDS

A decade ago, individuals alone relied on electricity from a national power system. A grid may be a network of power lines that transmit electricity from the power supply to the general public. Whereas this standard power system can stay for a moment, it's been considerably improved over the years.

The smart grid conjointly works handily for household's corporations and corporations firms that now do not rely on power companies. That's right, most shoppers currently generate their own power, and this trend is anticipated to extend in 2022. Smart grids have conjointly become valuable as they improve safety. They minimize accidents by providing a better level of management once multiple power sources square measure concern



ENERGY STORAGE AND BETTER BATTERIES

Wind and solar are excellent sources of sustainable energy. However, these only work best if there are batteries, and in light of this, various electrical departments all around the world are working relentlessly towards proficient batteries.

With improved battery technologies, the industry of electric vehicles will also make significant development in 2022.

Generally, upcoming years are an exciting year for the electrical engineering landscape. Companies like Tesla, Eos, Sonnen, Ola, Ather, and Vivint Solar are some companies that introduced their latest innovations in electrical storage devices last

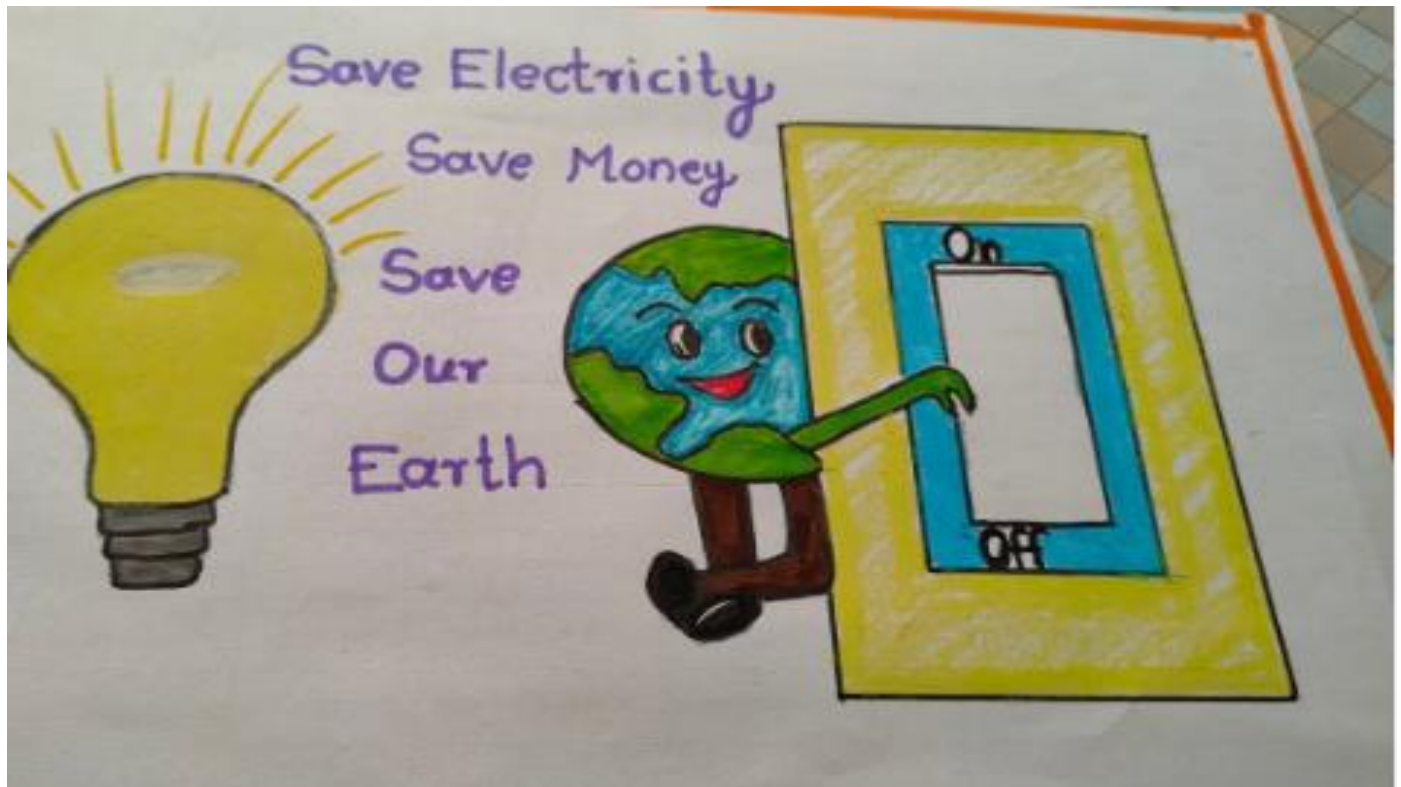


ENERGY-SAVING LIGHTING TECHNOLOGIES

Gone are the days when LED bulbs were only for those willing to pay the top dollar. LED lamps are becoming the standard de facto light bulb. Today, with prices as low as \$2 per bulb or even less, LED bulbs are now a possibility for the average consumer.

Due to their energy-saving capabilities, the bulbs pay for themselves in a matter of months. On average, they can save each household \$50-\$100 per year in utility bills. With more advances in smart technology, these lights are expected to become even more efficient and easy to install in the near future.





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