

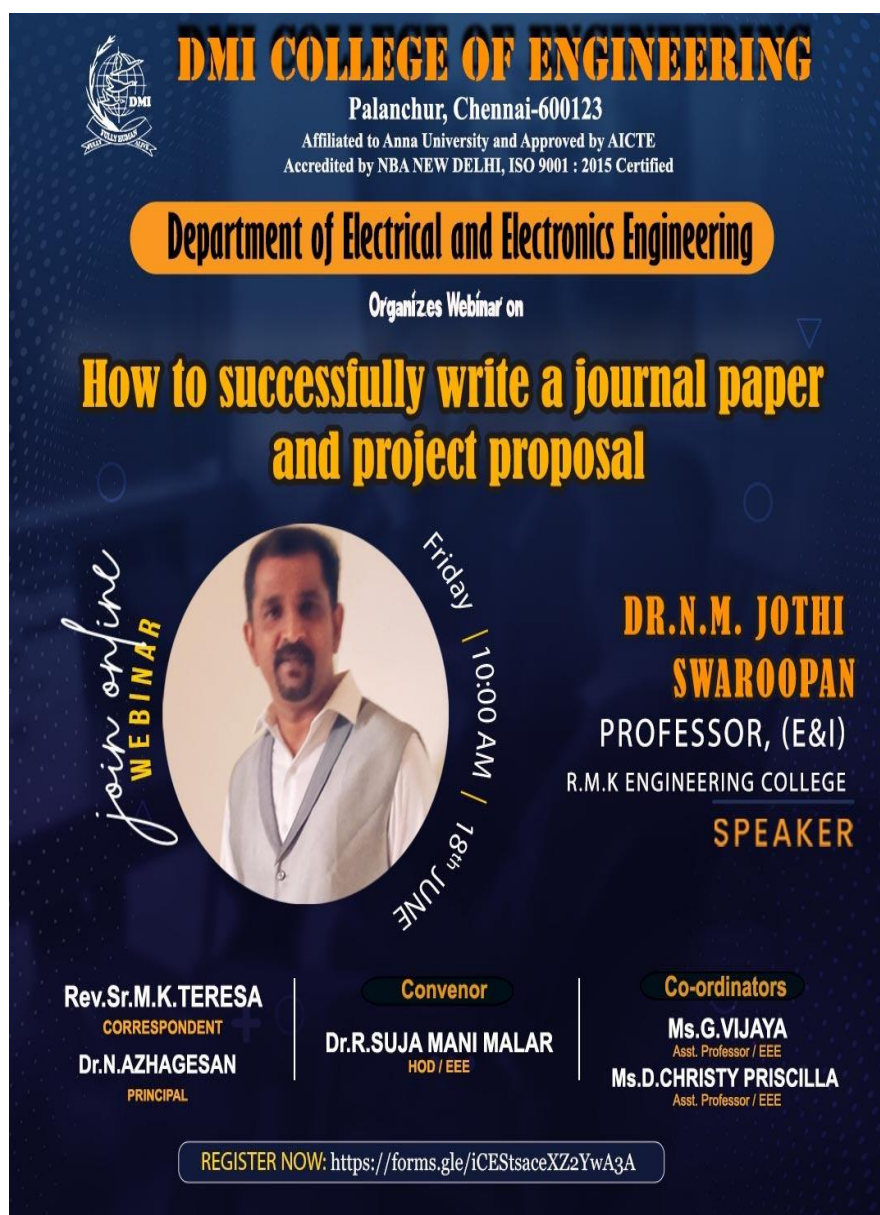
## WEBINAR 1:

The department of **Electrical and Electronics Engineering** conducted a Webinar on **12.03.2021**. The spokesperson was “**Mr. Raj Pratap, PhD scholar**” who presented on the topic “**Recent Trends in Robotics**”. Students were keener to learn about the Robotics and the programming languages associated with it.



## Webinar 2:

The department of **Electrical and Electronics Engineering** conducted a Webinar on **18.06.2021**. The spokesperson was “**Dr. N. M. Jothi Swaroopan**” who presented on the topic “**How to successfully write a Paper Journal and Project Proposal**”. Participants learned about improving their quality in Paper Journal. This Webinar was targeted at early career researchers who submit and review papers for publication in journals.



**DMI COLLEGE OF ENGINEERING**  
Palanchur, Chennai-600123  
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**Department of Electrical and Electronics Engineering**

Organizes Webinar on

**How to successfully write a journal paper  
and project proposal**

Join online  
WEBINAR

Friday | 10:00 AM | 18<sup>th</sup> JUNE

**DR.N.M. JOTHI  
SWAROOPAN**  
PROFESSOR, (E&I)  
R.M.K ENGINEERING COLLEGE  
**SPEAKER**

**Rev.Sr.M.K.TERESA**  
CORRESPONDENT  
**Dr.N.AZHAGESAN**  
PRINCIPAL

**Convenor**  
**Dr.R.SUJA MANI MALAR**  
HOD / EEE

**Co-ordinators**  
**Ms.G.VIJAYA**  
Asst. Professor / EEE  
**Ms.D.CHRISTY PRISCILLA**  
Asst. Professor / EEE

**REGISTER NOW:** <https://forms.gle/iCEStsaceXZ2YwA3A>

REC N M JOTHI SWAROOPAN is presenting

**Bibliography** is a list of the sources you used to get information for your report.

As a rule of **academic writing**, students need to admit the truth when they use other people's ideas, views, data, information, written materials, audiovisual resources, etc. When you use a direct quotation or copied section, follow cite the source and no bibliography truth secret. It intends to tell reader about accuracy, value and relevancy of the sources that are cited.

DHARSHINI VARUTHARAJ has left the meeting

N M JOTHI SWARO...

SONI YADAV 20SC...

vijaya govindharaj

SAI MANIKANTA K...

MYTHILI G

eee eee

Alagu Malai

64 others

You

10:41 | iij-dtrr-wfp

Activate Windows  
Go to Settings to activate Windows.

REC N M JOTHI SWAROOPAN is presenting

**Why use a Consistent Format?**

1. **Helps your reader** understand your arguments and the sources they're built on.
2. Allow readers to **cross-reference** your sources easily if they are doing further research.
3. Provides **consistent** format.
4. Gives you **credibility and reliability** as a writer.

N M JOTHI SWARO...

SONI YADAV 20SC...

vijaya govindharaj

SAI MANIKANTA K...

MYTHILI G

eee eee

Alagu Malai

62 others

You

10:39 | iij-dtrr-wfp

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YouTube

Search

Webinar on "How to successfully write a Journal Paper and Project Proposal"

50 watching now · Started streaming 36 minutes ago

6 0 SHARE SAVE

Top chat


- Ila Mangani Good morning to all
- ansari Imtiyaz good morning
- Rita Gupta Rita Kumari ..good morning to all
- shreenandhini parthiban good morning sir
- Pradipkumar Shah very nice presentation
- Pushpa P good morning sir
- R Kavithamani Good Morning, myself Dr. R. Kavithamani, Assistant Professor, Sri Ramakrishna College of Arts and Science
- Mejo Varghese Good morning...I am Mejo Varghese Research Scholar from Kalasalingam Academy of Research and Education..All Wishes for the Session.
- Jeyavel Murugan A.Kavitha, Assistant Professor of Computer Science, Aditanar College of Arts and Science, Tiruchendur

eee eee Say something...

Activate Windows  
Go to Settings to activate Windows.

### Webinar 3:

The department of **Electrical and Electronics Engineering** conducted an International Webinar on **23.06.2021**. The spokesperson was **“Dr. P. Ramesh”** who presented on the topic **“ELECTRIC VEHICLE TECHNOLOGY”**. Participants were interested in gaining knowledge on Electric Vehicle Technology which is the future of transportation.



# DMI COLLEGE OF ENGINEERING


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## Department of Electrical and Electronics Engineering


Organizes Webinar on

# ELECTRIC VEHICLE TECHNOLOGY

**23<sup>rd</sup> June 2021**  
**10:30 am to 11:30 am**



Registration Link  
<https://forms.gle/yiJK9W6nuy7ueUdt8>



**DR.P.RAMESH, M.TECH., PH.D.,**  
ASSOCIATE PROFESSOR, (EEE)  
CMR INSTITUTE OF TECHNOLOGY  
BANGALORE

**SPEAKER**

<b>Rev.Sr.M.K.TERESA</b> CORRESPONDENT <b>Dr.N.AZHAGESAN</b> PRINCIPAL	<b>Convenor</b> <b>Dr.R.SUJA MANI MALAR</b> HOD / EEE	<b>Co-ordinators</b> <b>Mr.S. VENKATESAN</b> Asst. Professor / EEE <b>Ms.V. THULASI</b> Asst. Professor / EEE
---	---	---

REC Dr Ramesh P is presenting

## Overview of electric Vehicle

3

- Why so much interest in EVs?
  - EV is **four-times** as energy efficient as ICE
    - ICE efficiency: 22% to 23% Vs EV motor energy efficiency: 90%
      - has **50 times** less moving parts
  - Petroleum consumption up from **32.5 mill tons** in 1981 to **184.7 mill tons** in 2015

Dr Ramesh P, Associate Professor/EEE, CMRIT, Bengaluru 06/23/2021

10:38 | cwy-heavy-cir

Activate Windows  
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REC Dr Ramesh P is presenting

## Overview of electric Vehicle

6

### Li-Ion Battery Vs Petrol Energy Density

Petrol Energy density is about 12500 Wh/kg

- Even taking into account **four times** higher drive-efficiency
- Battery weight per km is about **10 to 12 times higher** than that of petrol per km
- Size per km is **5 to 6 times** higher

Dr Ramesh P, Associate Professor/EEE, CMRIT, Bengaluru 06/23/2021

10:42 | cwy-heavy-cir

Activate Windows  
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Dr Ramesh P is presenting

## Webinar on Electric Vehicle Technology

DMT College of Engineering, Chennai  
23-06-21


DR.P.RAMESH  
ASSOCIATE PROFESSOR  
DEPT.OF EEE  
CMR INSTITUTE OF TECHNOLOGY, BENGALURU

10:32 | cwy-heavy-cir

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## Webinar 4:

The department of **Electrical and Electronics Engineering** conducted an International Webinar on **25.06.2021**. The spokesperson was “**Dr. Rajalakshmi**” who presented on the topic “**MODELLING OF A SYSTEM AND DESIGN OF CONTROLLER USING MATLAB**”. Participants were keener to learn about the advancements in MATLAB and its technologies.



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## Department of Electrical and Electronics Engineering

*Organizes International Webinar on*  
**MODELLING OF A SYSTEM AND DESIGN OF CONTROLLER USING MATLAB**



**DR. D. RAJALAKSHMI**, M.E., PH.D.,  
ELECTRICAL POWER,  
UNIVERSITY OF TECHNOLOGY AND APPLIED SCIENCES,  
HIGHER COLLEGE OF TECHNOLOGY, OMAN

### SPEAKER

*June 25th 2021* **10.30 am - 11.30am**

<b>Rev.Sr.M.K.TERESA</b> CORRESPONDENT	<b>Convenor</b>	<b>Co-ordinators</b>
<b>Dr.N.AZHAGESAN</b> PRINCIPAL	<b>Dr.R.SUJA MANI MALAR</b> HOD / EEE	<b>Ms.G.VIJAYA</b> Asst. Professor / EEE
		<b>Ms.D.CHRISTY PRISCILLA</b> Asst. Professor / EEE

**REGISTER NOW**



- Meeting ID will be sent to the participants before the event
- E-Certificates will be provided to all the participants
- Registration is free

Registration Link: <https://forms.gle/fJzcUhbUo1ww3tk87>

REC You're presenting to everyone Presentation audio Stop presenting

rajalakshmi d is presenting

Example

PWM modulator Transfer function

Sensor Transfer Function (Temperature Sensor)

$$G_s(s) = \frac{V_f}{V_i} \left( 0.25s + \frac{28 \text{ mV}}{^\circ\text{C}} \right)$$

$$\frac{G_c(s)}{V_i(s)} = \frac{G_c}{1 + \frac{s}{\omega_c}}$$

est-brmr-zct

11:44 | gbf-ynmw-akp

Shakuntala Kattimani

PALLAMREDDY RAMES...

shree nandhini

Faridha Rasool

Uma Mageshwari

J P

balaji S

5 others

You

Activate Windows  
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REC rajalakshmi d is presenting

Suggestions to Continue the Analysis.....

- Keen note on each parameter measurement for change in controller gain.
- Frequency domain analysis
- Finding better controller than PID to improve parameters and for required application.
- Optimization of PID controller.
- Analysis with addition of poles and zeros to improve the parameters and
- Introducing sensor and modulator transfer function to get more accurate results .....

ext-brmr-zct

Anuraj H

Srinivas Singirikonda

MYTHILI G

Nilesh Panchal

Joshva Yazhiniyan

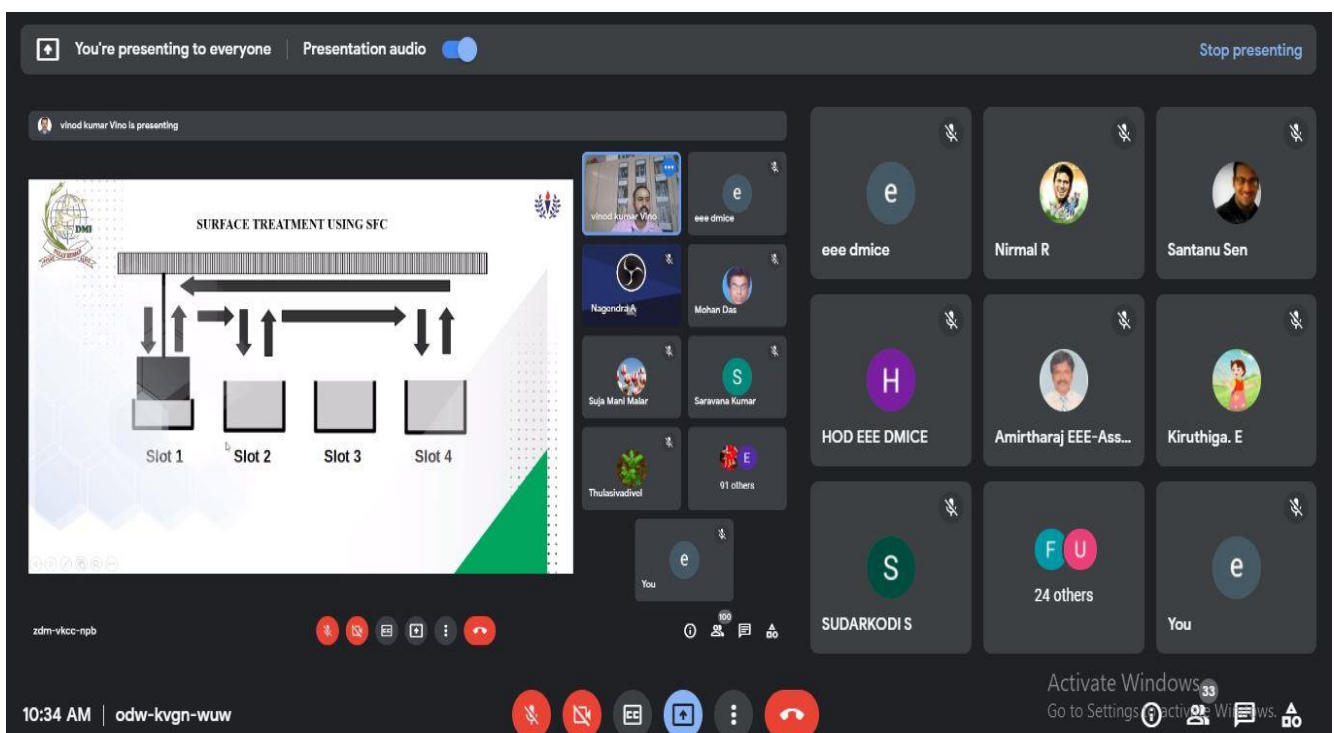
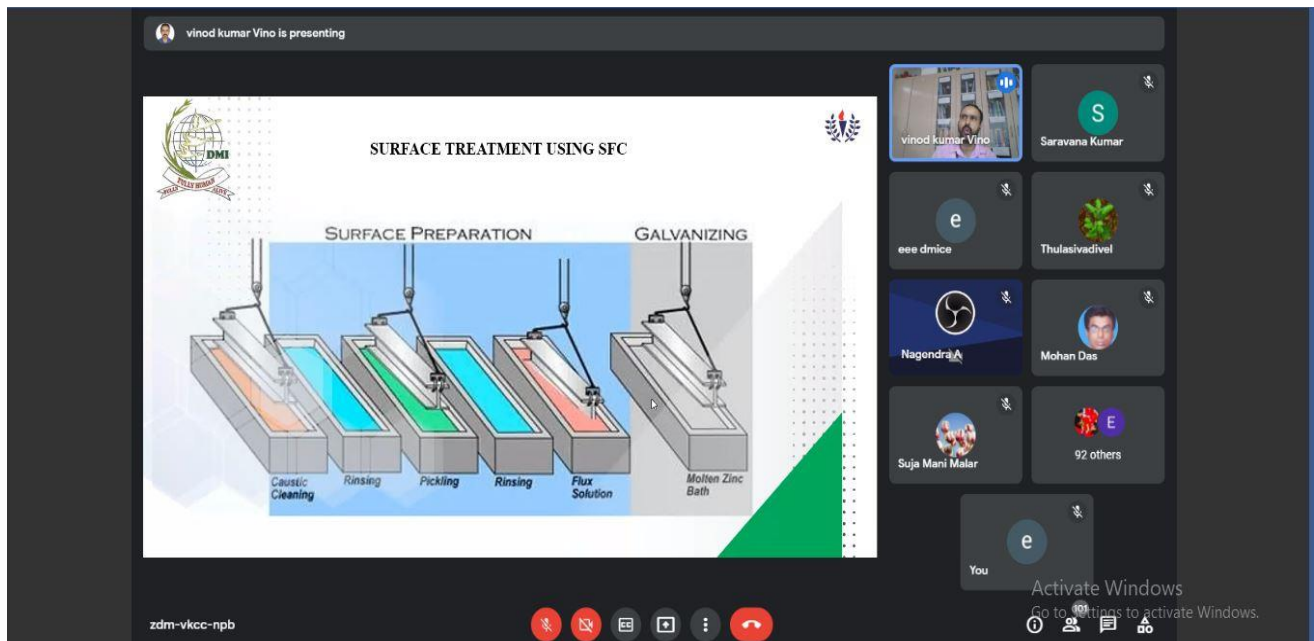
77 others

You

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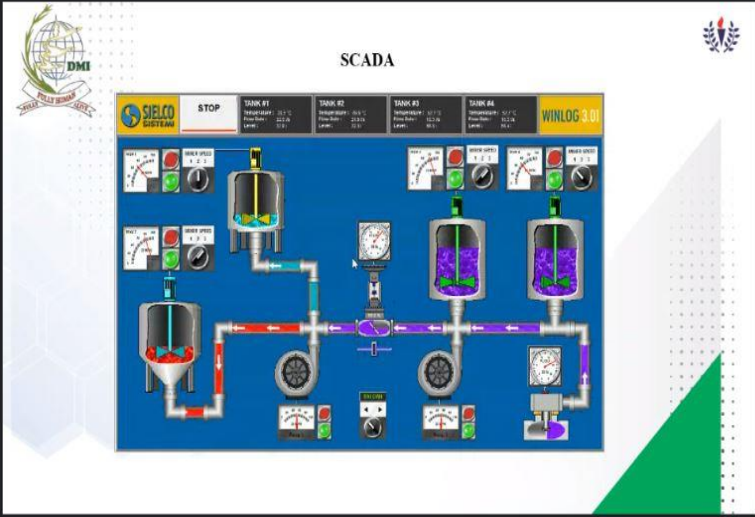
## Webinar 5:

The department of **Electrical and Electronics Engineering** conducted an International Webinar on **02.07.2021**. The spokesperson was **“Dr. R. Mohan Das & Mr. Vinod Kumar. S”** who presented on the topic **“INDUSTRIAL AUTOMATION AND INDUSTRY 4.0”**. Participants were keener to learn about the advancements in MATLAB and its technologies.



vinod kumar Vino is presenting

SCADA




zdm-vkcc-npb

Activate Windows  
Go to Settings to activate Windows.

Participants: vinod kumar Vino, eee dmice, Nagendra, Mohan Das, Suja Mani Malar, Saravana Kumar, Thulasivadivel, 90 others, You.

You're presenting to everyone | Presentation audio | Stop presenting

vinod kumar Vino is presenting



zdm-vkcc-npb


11:00 AM | odw-kvgn-wuw

Activate Windows  
Go to Settings to activate Windows.

Participants: vinod kumar Vino, Nagendra, Mohan Das, eee dmice, Suja Mani Malar, Saravana Kumar, Janani Kumaraswamy, 86 others, You, Medaka Gopi, anupam agarwal, Vinaykumar karur, Amirtharaj EEE-Ass..., Nirmal R, Kiruthiga. E, SUDARKODI S, 33 others, You.

## Online Seminar:


The department of **Electrical and Electronics Engineering** conducted an online Seminar on **07.09.2021**. The spokesperson was **“Mr. Ananta Kumar Kar”** who presented on the topic **“Entrepreneurship and Innovation”**.

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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

Seminar on  
**ENTREPRENEURSHIP AND INNOVATION**

SEP 7TH -----2021  
10:00 AM -11:00 AM

**SPEAKER**  
ACE  
  
MR. ANANTA KUMAR KAR  
ENTREPRENEUR  
Adobe Creative Educator

Rev.Sr.M.K.Teresa  
CORRESPONDENT


Rev.Sr.P.Pradeeba  
ADMINISTRATOR

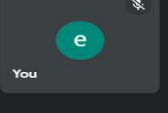
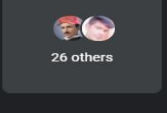
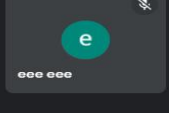

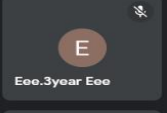




Dr.N.Azhagesan  
PRINCIPAL

Dr.R.Suja Mani Malar  
HOD/EEE

Coordinator  
Mr.S.Venkatesan  
AP/EEE

REC Ananta Kar is presenting

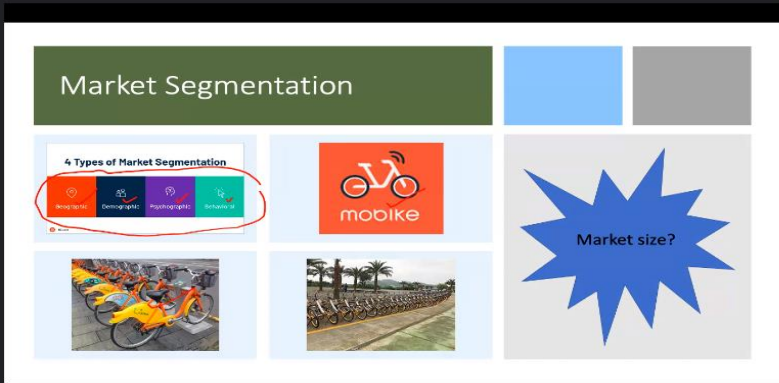



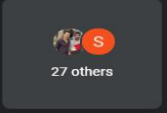

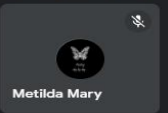
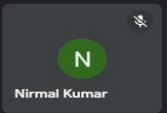


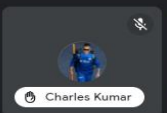
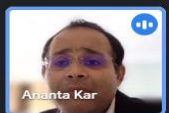


10:05 | bus-dbov-tna

Activate Windows  
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REC Ananta Kar is presenting



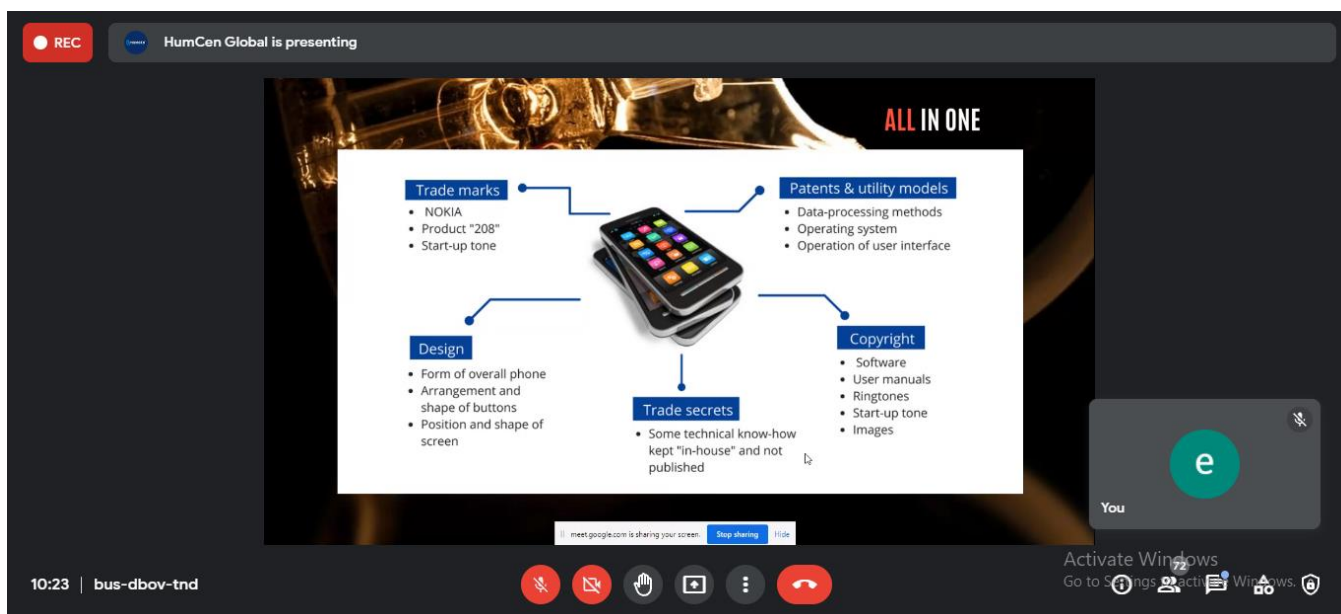
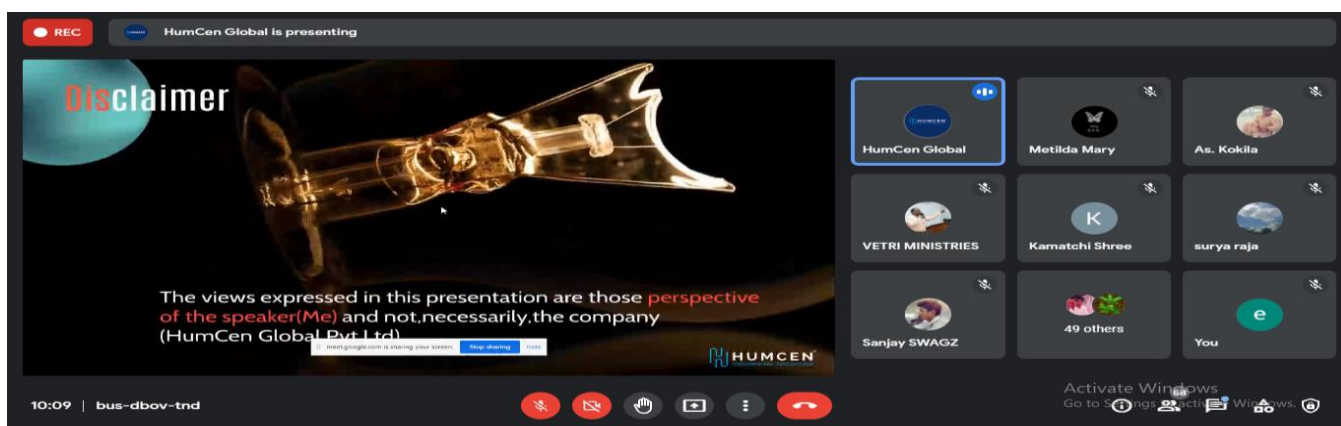
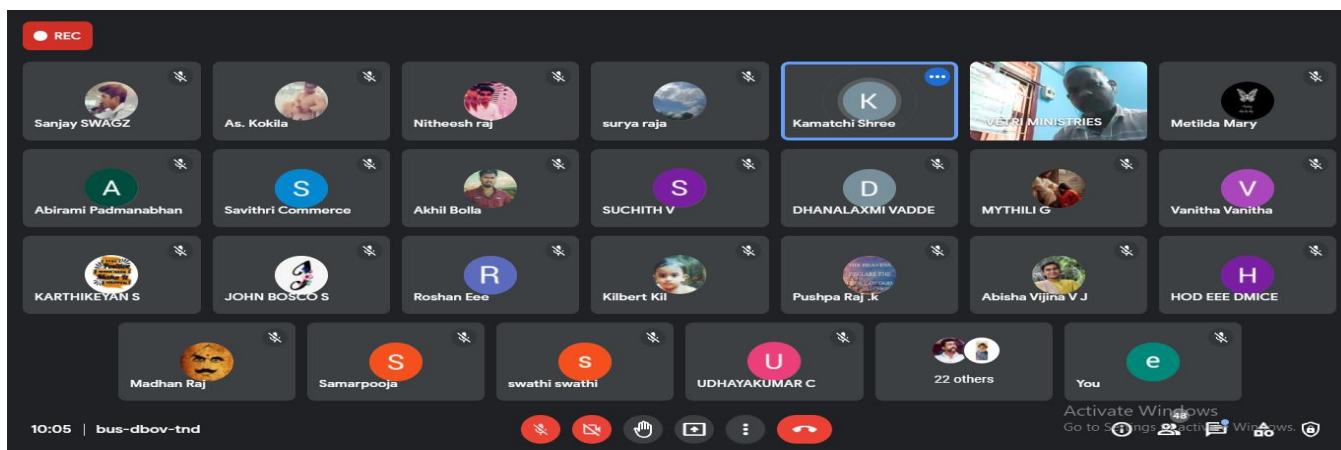


10:35 | bus-dbov-tna

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## Webinar 6:

The department of **Electrical and Electronics Engineering** conducted an International Webinar on **06.10.2021**. The spokesperson was **“Mr. Sasikumar Chandran”** who presented on the topic **“ROADMAP TO GET A QUALITY PATENT”**. Participants were from various educational institutions and as well students from our department got benefitted by this webinar.



## Online Guest Lecture:

The department of **Electrical and Electronics Engineering** conducted an Online Guest Lecture on **20.11.2021**. The spokesperson was “**Dr. D. Sindhanaiselvi**” who presented on the topic “**Overview of MEMS and its Recent Applications**”.



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

**Presents**  
**Guest Lecture on**  
**Overview of MEMS and It's Recent Applications**

**20.11.2021**  
**saturday**  
**10.00 A.M. - 11.00 A.M.**

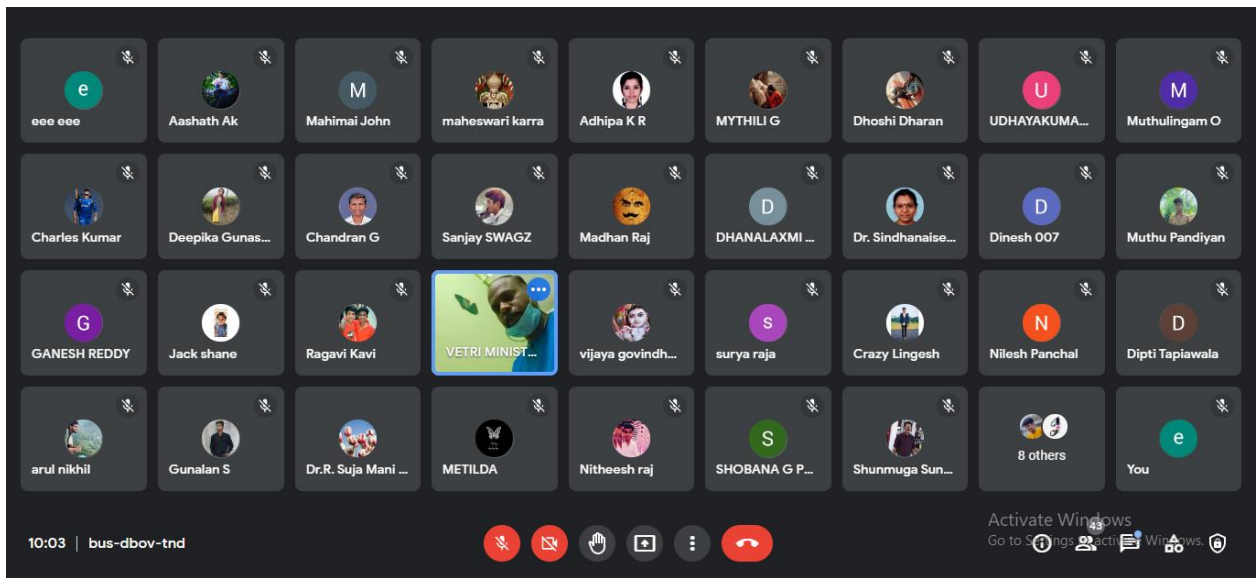
**RESOURCE PERSON**  
Dr. D. Sindhanaiselvi  
Associate professor,  
Dept of EIE,  
Puducherry Technological University,  
Pondicherry.

**Online Mode**  
**via Google**  
**Meet**

Rev. Sr. M. K. Teresa CORRESPONDENT	Rev. Sr. P. Pradeeba ADMINISTRATOR	Dr. N. Azhagesan PRINCIPAL	Dr.R.Suja Mani Malar HOD/EEE
--	---------------------------------------	-------------------------------	---------------------------------

**Co-Ordinators**  
Ms. V. Thulasi (AP/EEE)  
Ms. D. C. Priscilla (AP/EEE)

Made with PosterMyWall.com



REC Dr. Sindhanaiselvi D is presenting

Dr. Sindhanaiselvi...

Dr.R. Suja Mani Ma...

eee eee

DHANALAXMI VA...

MYTHILI G

Muthu Pandiyan

Indhumathi S

39 others

You

10:08 | bus-dbov-tno

REC Dr. Sindhanaiselvi D is presenting

Dr. Sindhanaiselvi...

LAKSHMI M

eee eee

Dr.R. Suja Mani Ma...

Haripriya. J

SRI SUYAMBULIN...

tharani sri Sakthi


62 others

You

11:01 AM | bus-dbov-tno

## Online Guest Lecture:

The department of **Electrical and Electronics Engineering** conducted an Online Guest Lecture on **06.04.2022**. The spokesperson was “**Dr. D. Lakshmi**” who presented on the topic “**Protection and Switchgear**”.




# DMI COLLEGE OF ENGINEERING

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## GUEST LECTURE ON PROTECTION AND SWITCHGEAR

ORGANIZED BY  
DEPARTMENT OF ELECTRICAL AND ELECTRONICS  
ENGINEERING




[https://meet.google.com/  
xbr-zbgf-yep](https://meet.google.com/xbr-zbgf-yep)

Date: 06.04.2022  
Time: 01.20 pm

### RESOURCE PERSON

Dr.D.Lakshmi, M.E, Ph.D  
Associate Professor,  
AMET University, Chennai

Rev.Sr.M.K.Teresa Correspondent	Dr. N.Azhagesan Principal	Rev.Sr.P.Pradeeba Campus Superior
Dr.R.Suja Mani Malar, HOD/EEE	Mr.S.Venkatesan, AP/EEE - Co-ordinator	

 <https://dmice.ac.in/>

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← About this call

People Info

IN CALL

- eee dmice (You)  
Meeting host
- Anbu Raj
- Arunselvan Natarajan
- Ashwath Raman
- Charles Kumar
- Divakar .G
- Harish Kannan
- Hindiresh 143
- Jack shane
- Jai ganesh
- JoHn bOsCo

UDHAYA +28

← xbr-zbgf-yep ▶

NEED IS THE CAUSE OF ALL INVENTION

- Power System
  - Distributed
  - Centralized - Conventional
  - Thermal, Nuclear, hydro, etc...
- Need for Power System
  - Bulk power generation
  - Long distance from load center
- Requirement of consumers
  - Low price
  - Reliable
  - High Quality

Lakshmi is presenting

← xbr-zbgf-yep ▶

← xbr-zbgf-yep ▶

AMET  
ACADEMY OF MARITIME EDUCATION AND TRAINING  
INDIAN MARITIME UNIVERSITY  
(Under Section 3 of VEC Act 1986)

PROTECTION AND SWITCHGEAR

Dr. D. LAKSHMI,  
ASSOCIATE PROFESSOR,  
ACADEMY OF MARITIME EDUCATION AND TRAINING  
DEEMED TO BE UNIVERSITY.

Lakshmi is presenting

Earthing Screen.....

- On the occurrence of direct stroke on the station, screen provides a low resistance path by which lightning surges are conducted to ground. - In this way, station equipment is protected against damage.
- The limitation of this method is that it does not provide protection against the travelling waves which may reach the equipment in the station.

Lakshmi is presenting

Lakshmi UDHAY... You sur / 25 others

## Online Guest Lecture:

The department of **Electrical and Electronics Engineering** conducted an Online Guest Lecture on **13.04.2022**. The spokesperson was “**Prof. M. Ezhilmaran**” who presented on the topic “**Microgrid**”.



**DMI COLLEGE OF ENGINEERING**  
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**Organises Guest Lecturer on  
DEPARTMENT OF ELECTRICAL AND ELECTRONICS  
ENGINEERING**

**Micro Grid**

Google meeting link: <https://meet.google.com/znu-jiux-uox>  
**Date: 13/4/22**  
**Time: 10- 11 am**

**Resource person  
Prof.M.Ezhilmaran  
Chennai Institute of Technology, Chennai**

<b>Rev.Sr.M.K. Teresa</b> <b>Correspondent</b>	<b>Dr.N.Azhagesan</b> <b>Principal</b>	<b>Rev.Sr.P.Predeeba</b> <b>Campus Superior</b>
<b>Dr.R.Suja Mani Malar</b> <b>HOD/EEE</b>	<b>Ms.G.Vijaya</b> <b>AP/EEE, Coordinator</b>	

## Need of Microgrids

- It seems that the global population which is 6 billion currently if it increases with the current trend may become 10 billion by 2050. So what that means? It means the vehicles in use may increase from 700 million which was there in 2000 to 2.5 billion by 2050.

EZHILMARAN is presenting

## The Need Of Microgrid

- Microgrid could be the answer to our energy crisis.
- Transmission losses gets highly reduced.
- Microgrid results in substantial savings and cuts emissions without major changes to lifestyles.
- Provide high quality and reliable energy supply to critical loads

EZHILMARAN is presenting