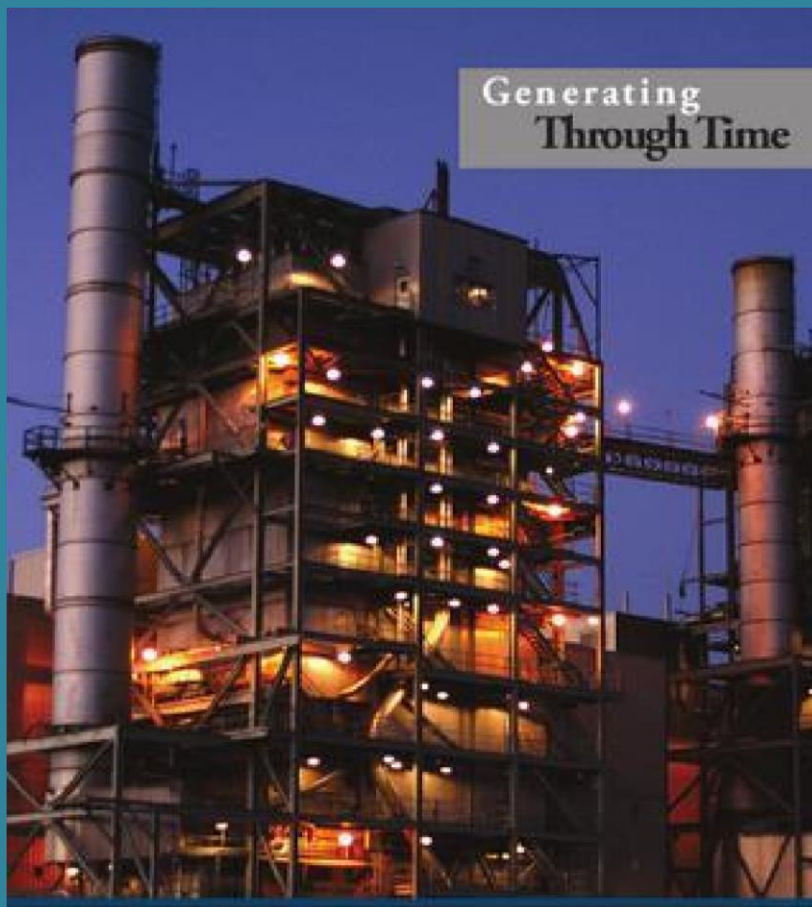


ELECTRICAL AND ELECTRONICS ENGINEERING

News letter

■

**Jan - Jun
2020-2021**



M.A.M. COLLEGE OF ENGINEERING & TECHNOLOGY

Department of Electrical & Electronics Engineering

**NEWSLETTER
2020-2021
Jan - Jun**

Webinar

1. Development of Power Electronics and control in shipping Industries”

ER.M.SEENI Third Engineer from Anglo Eastern Company has taken webinar in the topic “**Development of Power Electronics and control in shipping Industries**” on 13 march 2021. All our Department students and staff attended this webinar. Got clear ideas about the opportunity in shipping. He impart knowledge about his real time experience in that area. He explain the role of power electronics based devices in the marine area.



M.A.M. COLLEGE OF ENGINEERING & TECHNOLOGY
Siruganur, Tiruchirappalli – 621 105.
(Approved by AICTE & Affiliated to Anna University Chennai)

Department of Electrical and Electronics Engineering
organizes

**Development of Power Electronics Drives
and control in Shipping Industries**

ONLINE WEBINAR SERIES #53

RESOURCE PERSON
ER.M.SEENI
Third Engineer,
Anglo Eastern Shipping Company
Pvt Ltd, Hongkong.

AUDIENCE
Students and Faculty of
EEE

DATE & TIME
Saturday, March 13, 2021
11:00 AM to 12:30 PM IST

DURATION
90 mins

JOIN US
<https://meet.google.com/jev-vixe-ibw>

**WINGS
OF WISDOM**

KNOWLEDGE BASED VALUE ADDED EDUCATION www.mamcet.com

Inbox (6,921) - hod.eee@mamc... x Index x Meet - jev-vixe-ibw x +

meet.google.com/jev-vixe-ibw

REC Seeni M is presenting

RAMYAKRISHN... and 66 more

11:24 AM You

Automatic fault detection and alarm

Lubricant flow fault rectified
Bearing temperature fault rectified

Meeting details ^

class-list (2021-0...html ^

Type here to search

ENG IN 11:24 AM 3/13/2021

Activate Windows
Go to Settings to activate Windows. [Show all](#)

Turn on microphone (ctrl + d)

Raise hand

Seeni M is presenting

Participants:

- You
- Seeni M
- HARIBASKAR G
- eee.marybeula ma...
- MUGESHKANNAN G
- VENBU S
- BALAJI M
- DHIVYA R
- PRAKASH J
- KARTHIKESHWAR...
- ALEX J
- Rathinavel MAMCET

Meeting controls: Turn on microphone (ctrl + d), Stop sharing, End call

2. Industrial Automation Using PLC

Mr.Rasadurai Murugesan Lead Engineer from GM Tech center India ,Bangalore has taken webinar about Industrial Automation Using PLC on 27 march 2021 .Lot of questions asked by our department students during this session and replies with his good explanation. He took a very interactive session throughout the lecture.He explain need of the automation in the Industrial and what are the type of automation techniques plays a vital role in the industries .



The poster features a red butterfly logo at the top left. The main header reads 'M.A.M. COLLEGE OF ENGINEERING & TECHNOLOGY' with the address 'Siruganur, Tiruchirappalli – 621 105.' and a note '(Approved by AICTE & Affiliated to Anna University Chennai)'. Below this, it says 'Department of Electrical and Electronics Engineering organizes'. The central image is a futuristic industrial scene with blue and green glowing elements, including a robotic arm and a train. The title 'Industrial Automation Using PLC' is written in large orange letters. The bottom section contains details about the webinar series, the resource person, the audience, date, time, duration, and a link to join.

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Siruganur, Tiruchirappalli – 621 105.
(Approved by AICTE & Affiliated to Anna University Chennai)

Department of Electrical and Electronics Engineering
organizes

Industrial Automation Using PLC

ONLINE WEBINAR SERIES #59

RESOURCE PERSON
MR.RASADURAI MURUGESAN
Lead Engineer
(Automation and Robotics)
GM Tech Center India
Bangalore

AUDIENCE
Students and Faculty of
EEE

DATE & TIME
Saturday, March 27, 2021
10.30 AM to 12.00 PM IST

DURATION
90 mins

JOIN US
<https://meet.google.com/fom-ejxo-ohs>

WINGS OF WISDOM

KNOWLEDGE BASED VALUE ADDED EDUCATION www.mamcet.com

3. Smart Grid

Dr.R.Gnanadass Professor from Pondicherry Engineering College ,Puducherry has taken webinar about Smart Grid on 08 April 2021 ,Students got well Technical Knowledge during this session.

he explained the areas of

1. Indian power sector
2. Deregulation
3. Renewable Energy Market
4. History of Indian energy sector



The poster features a red butterfly logo at the top left. The main header reads 'M.A.M. COLLEGE OF ENGINEERING & TECHNOLOGY' with the address 'Siruganur, Tiruchirappalli – 621 105.' and a note '(Approved by AICTE & Affiliated to Anna University Chennai)'. Below this, it says 'Department of Electrical and Electronics Engineering organizes'. The central image is a 3D digital illustration of a smart grid with glowing blue lines and yellow power pylons. The text 'Smart Grid' is prominently displayed in orange. The bottom section is divided into several boxes: 'ONLINE WEBINAR SERIES #61', a circular portrait of Dr. R. Gnanadass with his title and affiliation, 'AUDIENCE' (Students and Faculty of EEE), 'DATE & TIME' (Thursday, April 08, 2021, 02.00 PM to 04.00 PM IST), 'DURATION' (180 mins), a 'JOIN US' link to a Google Meet, and the 'WINGS OF WISDOM' logo. The footer contains the college's motto 'KNOWLEDGE BASED VALUE ADDED EDUCATION' and the website 'www.mamcet.com'.

M.A.M. COLLEGE OF ENGINEERING & TECHNOLOGY
Siruganur, Tiruchirappalli – 621 105.
(Approved by AICTE & Affiliated to Anna University Chennai)

Department of Electrical and Electronics Engineering
organizes

Smart Grid

ONLINE WEBINAR SERIES #61

RESOURCE PERSON
DR.R.GNANADASS
Professor,
Department of Electrical and
Electronics Engineering
Pondicherry Engineering
College, Puducherry

AUDIENCE
Students and Faculty of
EEE

DATE & TIME
Thursday, April 08, 2021
02.00 PM to 04.00 PM IST

DURATION
180 mins

JOIN US
<https://meet.google.com/hfn-qndz-xvy>

WINGS
OF WISDOM

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www.mamcet.com

Remote Proctoring x (184) WhatsApp x Meet - webinar on smart grid x

meet.google.com/hfrn-qndz-xvy

Apps Bookmarks facebook login - G... Anna University Me... PDF to PPT Convert... Gmail YouTube Maps Translate News Privacy error Meet

REC Dr. Gnanadass Ramachandran is presenting

Conceptual Model of Regional Electricity Market

The diagram illustrates the structure of a regional electricity market. At the top, 'Other Regional Grids' are connected to a central 'Regional Grid'. This grid is composed of 'Central Thermal', 'Central Hydro', and 'Central Thermal' units, along with 'RTPs'. Below the regional grid, there is a dashed box labeled 'RLDC'. The regional grid is connected to 'Bulk Consumers', 'State Grid 1', 'State Grid 2', and 'State Grid n'. These state grids are further connected to 'Distributors'.

webinar on smart grid

People (74) Chat

Add people

IN CALL

- Rathinavel MAMC... (You)
- ABI R
- ABITHA K
- ABITHA M
- ALEX J

Dr. Gnanadass Ramachandran

webinar on smart grid

class-list (2021-04-....csv) class-list (2021-0....html) Show all

2:22 PM 4/8/2021

4. Online Course GUVICourse

GUVI , an IIT Madras Incubated Company jointly with AICTE, a statutory Body of the Government of India conducted to launch India's Biggest Coding Revolution #AI-for-India 1.0 that spear heads to break the 'Guinness World Record' with Python Programming skills in a one day online workshop. From our Department all staff members participated and got E-certificates



"Education is priceless & no one can steal it from you"
-Sridevi, Co-founder & Ex-COO of GUVI

CERTIFICATE OF PARTICIPATION

This is to certify that
N.Mayavel N
has successfully completed participating in The Guinness World Record Event –
Most users to take an online computer programming lesson in 24 hours
on April 24th 2021, 6PM to April 25th 2021, 6PM



S.P. Balamurugan
Co-Founder, CEO

Certificate issued on : May 1 2021

Valid certificate ID : u69508b11x191A4x5h



"Education is priceless & no one can steal it from you"
~Sridevi, Co-founder & Ex-COO of GUVI

CERTIFICATE OF PARTICIPATION

This is to certify that
Rathinavel A
has successfully completed participating in **The Guinness World Record Event –
Most users to take an online computer programming lesson in 24 hours**
on April 24th 2021, 6PM to April 25th 2021, 6PM




Verified certificate issue on : May 1 2021

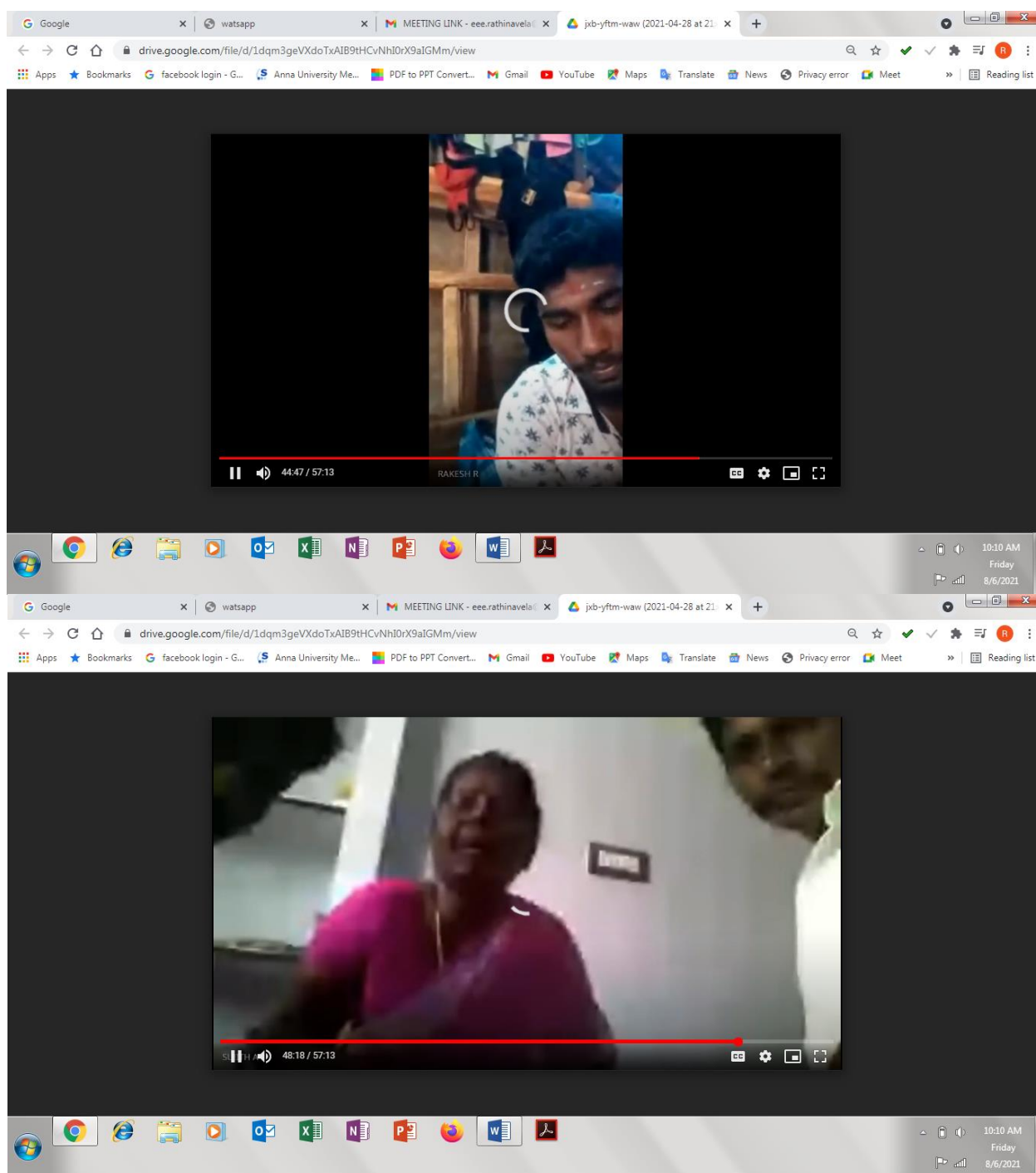
S.P. Balamurugan
Co-Founder, CEO

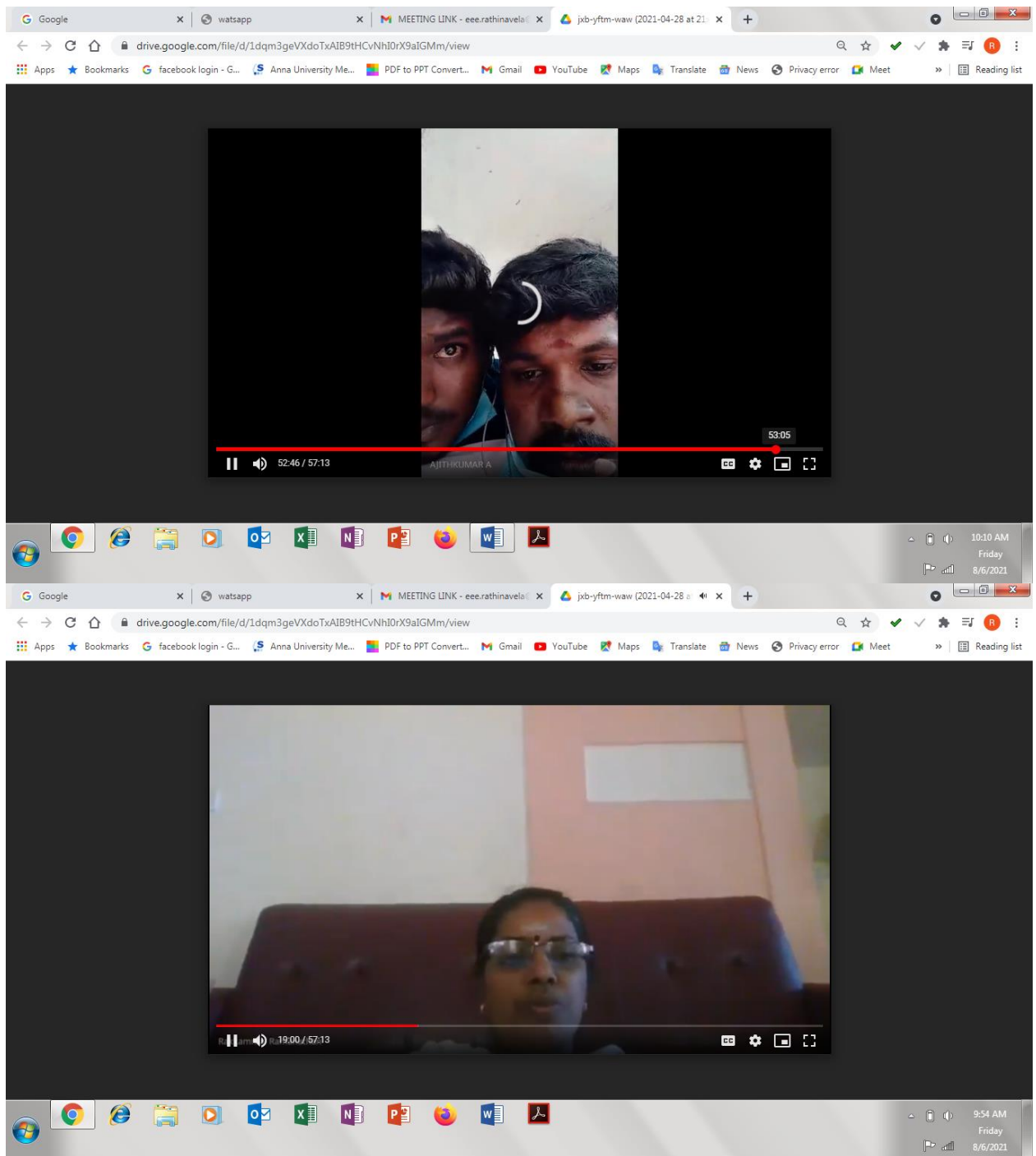
Valid certificate ID : 4O8cXvk77L19917ez6

Verify certificate at: www.guvi.in/certificate?id=4O8cXvk77L19917ez6

5. Parents meeting

Parents meeting conducted to our II,III,IV Year students on 24 Apr 2021. , in that meeting Mrs.S.Rakkammal HOD/EEE discussed about attendance importance and online courses.





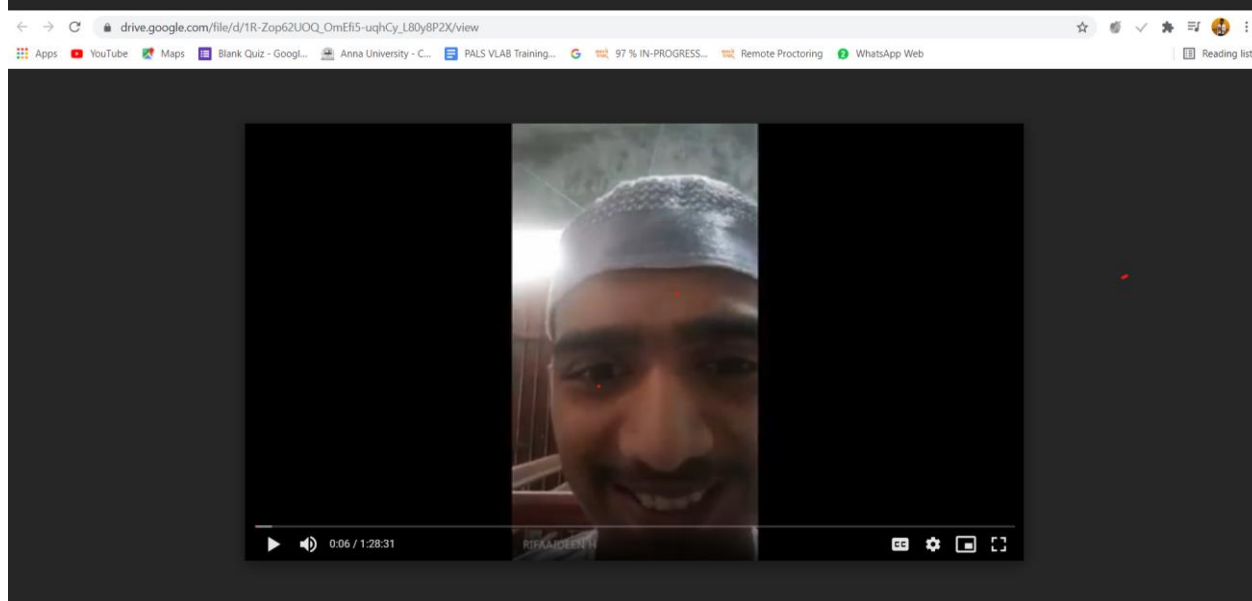
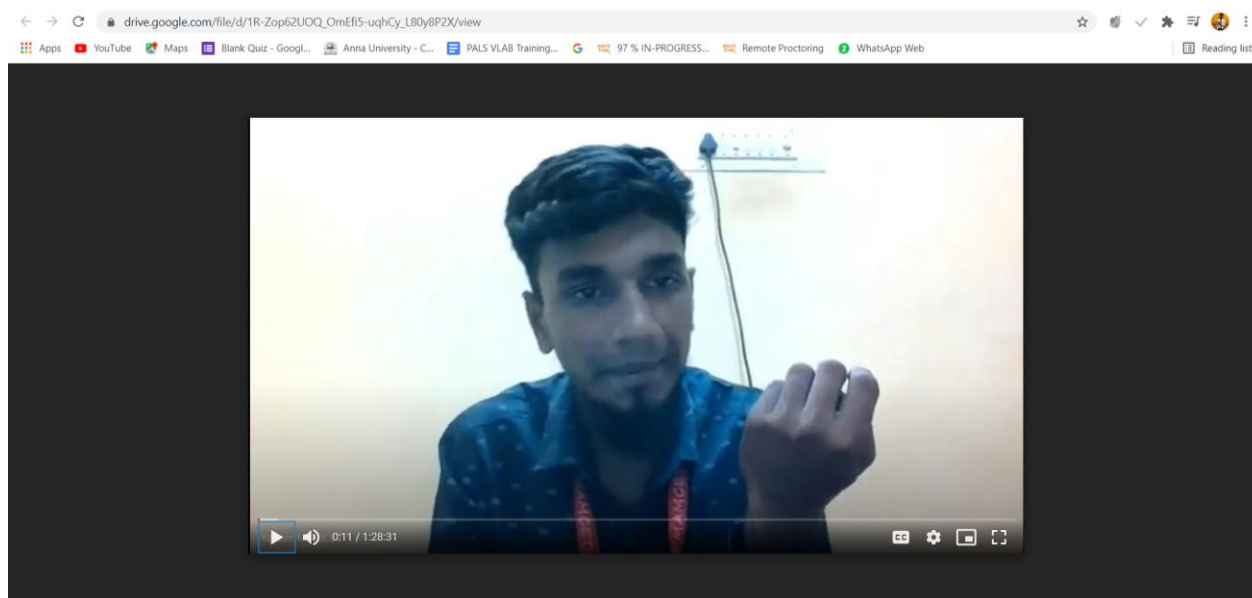
6. Mentor Mentee Meeting

In our department we conducted a mentor mentee meeting on 28th -29th May 2021 in this meeting mentor discussed about the importance of online classes and give the awareness about the university open book exams

Meeting Link -1. [mjr-yyyy-wtn \(2021-05-28 at 21:54 GMT-7\)](https://meet.google.com/mjr-yyyy-wtn)

Meeting Link 2-

<https://mail.google.com/mail/u/0/?tab=rm&ogbl#inbox/FMfcgzGkZkQRxCbqrVLkHwmlDRHnGxWQ?projector=1>



7. Faculty Development program (FDP)

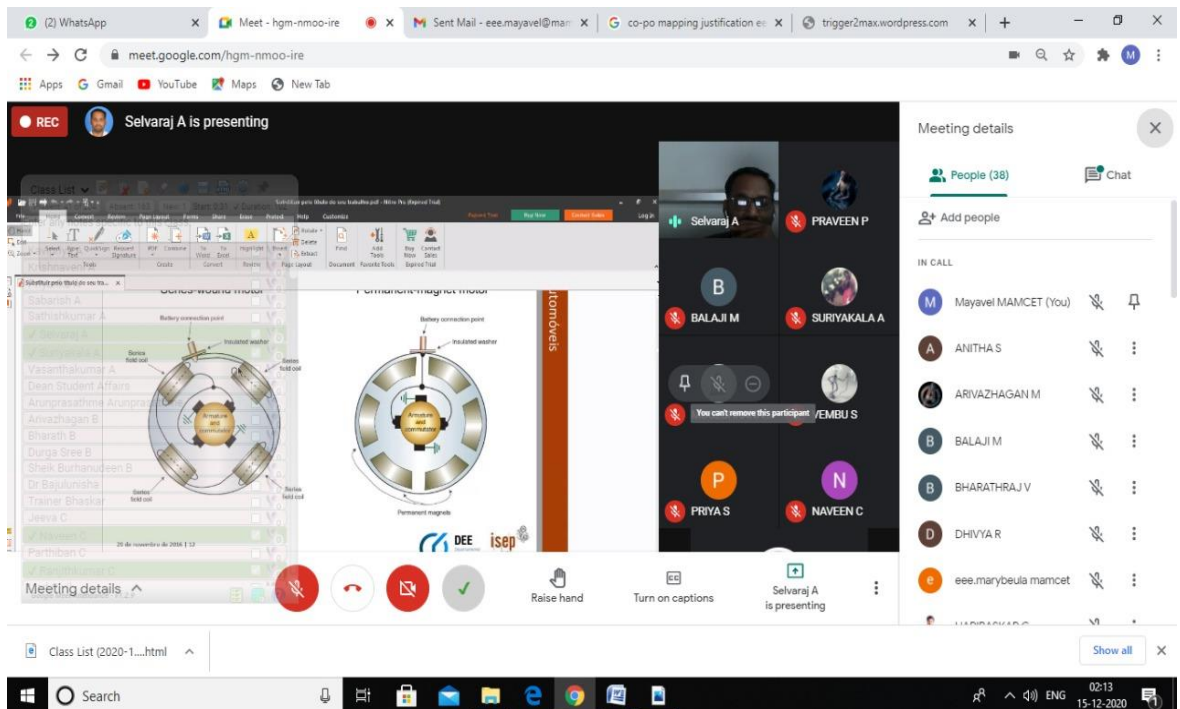
In our department faculty are attended number of faculty development programs conducted by various leading institutions and industries under the ATAL Scheme sponsored by AICTE that's are listed below

S. No	Name of the Faculty	Workshop Title	Name of the organizing Institute	Start Date	End Date
1	Prof.S.Rakammal	Power Electronics Application in Machine Drives and Power System	NIT Mizoram	8/2/2021	12/2/2021
2	Prof.A.Mary Beula	Power Electronics Application in Machine Drives and Power System	NIT Mizoram	8/2/2021	8/2/2021
8	Mr.S.M.Yazeer	Artificial Intelligence & Robotics	Tripura University Silchar	18/1/2021	22/1/2021

8. Value Added Courses (VAC)

After getting suggestions and feedback from all department faculty members, academic experts Dr.Sivakumaran, Prof/ICE, NITT and industrial expert Mr.Kevin, Senior Manager, BHEL, Trichy it is decided to conduct VAC on the subject EVA016--Eelctric and Hybrid vehicles since it is an emerging trend in the field of Electrical Engineering and there is a lot of scope for the students in their future career.

S.No	Year	Title	Resources	Period
1.	IV	EVA016--Eelctric and Hybrid vehicles	1. Dr.Sivakumaran, Prof/ICE,NITT 2. Mr.Kevin, Senior Manager, BHEL,Trichy	



43.0K/s 1:15 PM

xpd-wkae-wdo

The low pass EMC filter takes the high frequency element and filters it out so that the current seen by the mains supply is not distorted.

REC

vadivelan mamcet

RAMKUMAR

Kevin

39 others

Inbox (3,847) - a.beula76@gmail.com (no subject) - eee.manybeula@gmail.com Meet - kvvg-ovtb-rgy

meet.google.com/kvvg-ovtb-rgy

REC vadivelan mamcet is presenting

Meeting details

People (47)

Chat

- BHARATHRAJ V
- eee Vinoth
- HARIBASKAR G
- HOD EEE
- JAYARANI P
- KANAGA G
- KARTHIKEYAN S
- Kevin Ark Kumar
- LEO J
- MAGESHWARAN N
- MATHAVAN R
- Mayavel MAMCET

• Zinc comes out in the sulfuric acid solution as positive ion

• It reacts with negative SO_4^{--} ion of the solution and forms zinc sulfate (ZnSO_4).

• The positive hydrogen ions of the sulfuric acid solution have a tendency to get deposited on the copper plate.

• More zinc ions coming out in the solution means more number of electrons leave in the zinc plate.

• These electrons then pass through the external conductor connected between zinc and copper plates.

Courtesy : www.electrical4u.com

Kevin Ark Kumar

NITHIYA S

vadivelan mam...

VENBU S

SURIYAKALA A

HOD EEE

HARIBASKAR G

08:25 17-12-2020

9. Technical Training

We conducted the technical training on Energy management energy auditing. Faculty from our department give lectures on how to do the data analysis energy auditing. In this training students got the data from our institution for the energy management and energy auditing



