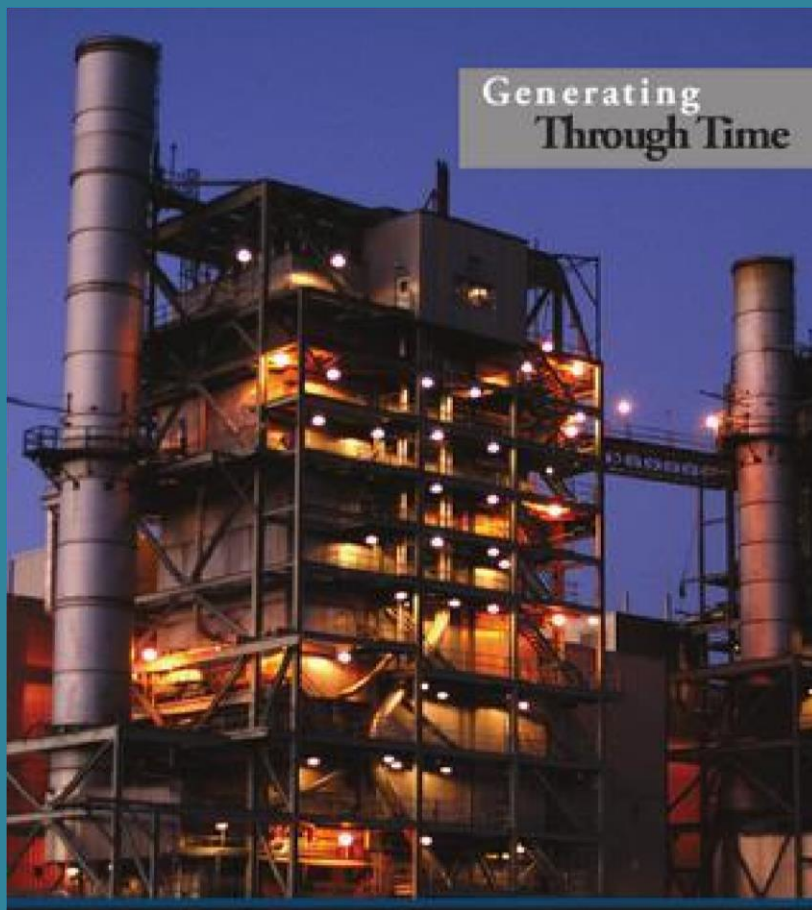


ELECTRICAL AND ELECTRONICS ENGINEERING

News letter

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**July-DEC
2020-2021**



**M.A.M. COLLEGE OF
ENGINEERING & TECHNOLOGY**

Department of Electrical & Electronics Engineering

**NEWSLETTER
2020-2021
July-DEC**

Webinar

1. Introduction To The Signals And System

Department of Electrical and Electronics Engineering organized a Webinar session on the topic **“Introduction To The Signals And System”** on 30.04.2020 at 10.00 am to 11.30.00 am through Google Meet. Dr.B.Muruganantham, Dean Research ,MAMCET gave the welcome speech. Prof.S.Rakkammal Head of the department EEE introduced the speaker to the participants. Dr.J.William , Professor and Head, Dept of ECE Agnel Institute of Technology and Design was the resource person. The webinar was mainly about the basics of the Signals and System. He presented his lecture with practical examples which was very interesting. On the whole the webinar opened the eyes of the participants to envision the basics of signals and system. 50 participants including students and faculty members from various institutions had participated and benefited from this session.

Dr. J. William - AGNEL INSTITUTE | Inbox - deanjac@mamcet.com | MAM College of Engineering and Technology | Meet - zrv-cpvu-gru

meet.google.com/zrv-cpvu-gru

Apps | Gmail | YouTube | Maps | Gmail

wills johnson is presenting

Annemalai M and 17 more

4/30/2020

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Dr. J. William - AGNEL INSTITUTE | Inbox - deanjac@mamcet.com | MAM College of Engineering and Technology | Meet - zrv-cpvu-gru

meet.google.com/zrv-cpvu-gru

Apps | Gmail | YouTube | Maps | Gmail

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RUTHRA K has left the meeting

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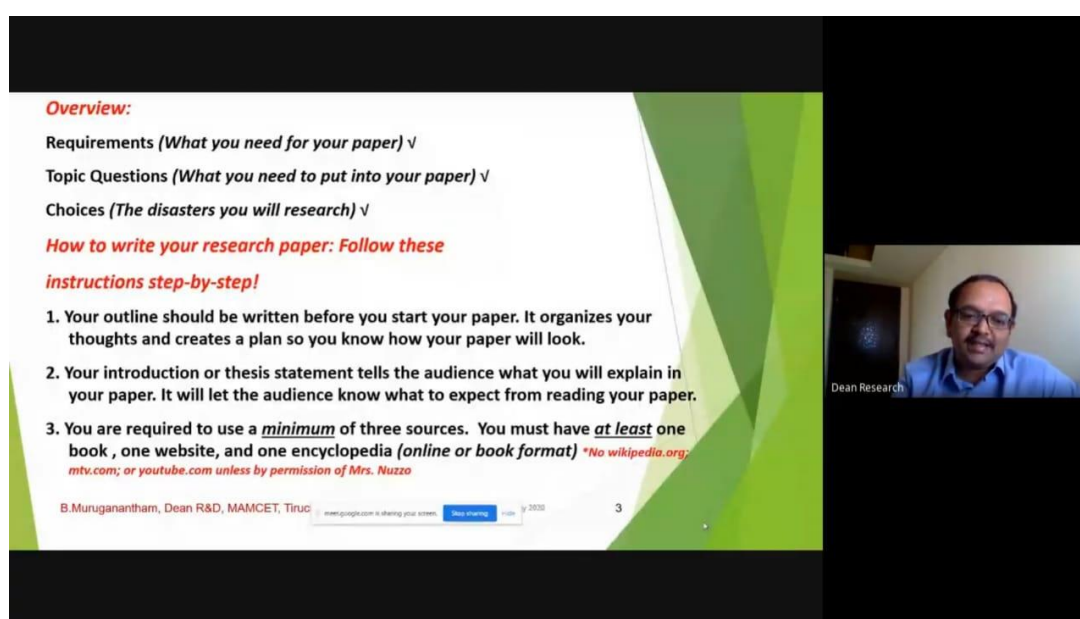
1008 30-04-2020

1005 30-04-2020

The image shows two screenshots of a Google Meet session. The top screenshot shows a presentation slide with a traffic light on the left and an ECG diagram on the right. The traffic light has three lights: red, yellow, and green. The ECG diagram shows a P wave, QRS complex, and T wave. The bottom screenshot shows a gallery view of participants, including a man in a green shirt, a man in a blue shirt, and a woman in a blue shirt. The bottom screenshot also shows a notification that 'RUTHRA K has left the meeting'.

2. The Art Of Writing Research Papers

Department of Electrical and Electronics Engineering organized Webinar session on the topic “**The Art of Writing Research Papers**” on 13.05.2020 at 11.00 am to 12.30.pm through Google Meet. Dr.S.Rajasekaren, Dean Admin ,MAMCET gave the welcome speech. Prof.S.Rakkammal Head of the department EEE introduced the speaker to the participants. Dr.B.Muruganantham, Dean Research, M.A.M. College of Engineering and technology was the resource person. The webinar was mainly about how to write a research paper. He presented his lecture with various examples. On the whole the webinar opened the eyes of the participants to envision the guidelines and instructions to write the research paper. 200 participants through the google meet and 800 participants through the youtube including students and faculty members from various institutions had participated and benefited from this session.



The screenshot shows a Google Meet interface. On the left, a presentation slide titled "Overview:" is displayed. The slide lists requirements and instructions for writing a research paper. On the right, a video feed shows a man with glasses, identified as "Dean Research", speaking. The slide content is as follows:

Overview:

- Requirements (What you need for your paper) √
- Topic Questions (What you need to put into your paper) √
- Choices (The disasters you will research) √

How to write your research paper: Follow these instructions step-by-step!


1. Your outline should be written before you start your paper. It organizes your thoughts and creates a plan so you know how your paper will look.
2. Your introduction or thesis statement tells the audience what you will explain in your paper. It will let the audience know what to expect from reading your paper.
3. You are required to use a minimum of three sources. You must have at least one book , one website, and one encyclopedia (online or book format) *No wikipedia.org; mtv.com; or youtube.com unless by permission of Mrs. Nuzzo

B.Muruganantham, Dean R&D, MAMCET, Tiruch

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LIVE



M.A.M. College of Engineering and Technology
Tiruchirappalli, Tamil Nadu

The Art of Writing Research Papers

13.05.2020

Dr. B.Muruganantham

Professor, Dept. of EEE,
Dean R&D
M.A.M. College of Engineering and Technology,
Tiruchirappalli

inbasekaran mamcet (You)

deanadmin mamcet

Dean Research NEW

Dean Research

Others in the meeting (69)

Agees Kumar

3. WIND ENERGY(Generators and Power Converters)

Department of Electrical and Electronics Engineering organized a first Webinar session on the topic “**WIND ENERGY(Generators and Power Converters)**” on 16.05.2020 at 10.00 am to 12.00 am through Google Meet. Dr.B.Muruganantham, Dean Research , MAMCET gave the welcome speech. Prof.S.Rakkammal Head of the department EEE introduced the speaker to the participants. Dr.K.Yasoda Associate Professor,Department of EEE,GCT Coimbatore was the resource person. The webinar was mainly about the basics of Wind energy . He presented his lecture with practical examples which was very interesting. On the whole the webinar opened the eyes of the participants to envision the basics of power extraction and control of power generation from the wind. 150 participants including students and faculty members from various institutions had participated and benefited from this session.



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M.A.M. B.SCHOOL

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
organizes

WIND ENERGY

GENERATORS AND POWER CONVERTERS

May 16, 2020 | 10.00 am to 12.00 pm,
Saturday



e-Learning
Webinar
Series **#15**

SPEAKER

DR. K. YASODA

Associate Professor
Dept. Of EEE
GCT coimbatore

Register Online

<https://forms.gle/WTiD9GN8rgNBff1Z8>

Registration Closes by 15.05.2020, 12 Noon

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REC Myth busters : Wind Energy 😊

Myth 2:

KNOCK IT OFF

Wind power is really expensive

	GLOBAL WEIGHTED AVERAGE COST OF ELECTRICITY USD/MWH	CHANGE IN THE COST OF ELECTRICITY 2017-2018
Bioenergy	0.062	-1%
Geothermal	0.072	-1%
Hydro	0.043	-1%
Solar photovoltaics	0.065	-1%
Concentrating solar power	0.185	-2%
Offshore wind	0.127	-1%
Onshore wind	0.054	-1%

Source : Renewable Power Generation Costs in 2018 – International Renewable Energy Agency (2019).

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Introduction :

*Break up of RES all India as on 31.03.2020 is given below (in MW) :

Small Hydro Power	Wind Power	Bio-Power		Solar Power	Total Capacity
		BM Power/Cogen.	Waste to Energy		
4683.16	37693.75	9875.31	147.64	34627.82	87027.68

Source : http://www.cea.nic.in/reports/monthly/installedcapacity/2020/installed_capacity-04.pdf

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Yazeer MAMCET (You)

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Dean Research

Dean Research

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Others in the meeting (80)

4. Introduction To LABVIEW

Department of Electrical and Electronics Engineering organized a Webinar session on the topic **“Introduction To LABVIEW”** on 21.05.2020 at 10.00 am to 12.00 am through Google Meet. Prof.S.Rakkammal Head of the department EEE, MAMCET gave the welcome speech. Mrs .A.Mary Beula Associate Professor department of EEE introduced the speaker to the participants. Ms.J.Ajantha patent scientist ,Dextrays Private Limited was the resource person. The special note is she was the Alumnus of EEE department-MAMCET. The webinar was mainly about the basics of LABVIEW. She presented his lecture with practical examples which was very interesting. On the whole the webinar opened the eyes of the participants to envision the basics of LABVIEW. She explain how to control the achiness using labview and how to design the controller.After the session students will able to work in the LABVIEW. 150 participants including students and faculty members from various institutions had participated and benefited from this session.



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Group of Institutions
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M.A.M. B.SCHOOL

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
organizes

INTRODUCTION TO LABVIEW

May 21, 2020 | 10.00 am to 12.30 pm,
Thursday



e-Learning
Webinar
Series **#22**

SPEAKER

MS. AJANTHA J
Patent Scientist
Dextrasys private limited

Register Online

<https://forms.gle/eb8aLWDEAJ4CHLq79>

Registration Closes by 20.05.2020, 12 Noon

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Inbox (2,687) - hod.eee@mam... X G requisition letter to speaker fo... X Letter to approve attending a... X Writing a Guest Speaker Requ... X Meet - aun-okao-nwf X + -

meet.google.com/aun-okao-nwf

Ajantha Jaiganesh is presenting

vadivelan mamc... and 11 more

17 You

Webinar - PowerPoint (Product Activation Failed)

File Home Insert Design Transitions Animations Slide Show Review View Tell me what you want to do... Sign in Shi

From Beginning From Current Slide Present Custom Slide Show Set Up Hide Slide Rehearse Record Slide Show Set Up

Play Narrations Use Timings Show Media Controls Monitor: Automatic Use Presenter View

67 68 69 70

Thank You

NATIONAL INSTRUMENTS

LabVIEW

Ajantha Jaiganesh

YUVARAJA S.

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Meeting details ^

Turn on captions Ajantha Jaiganesh is presenting

Type here to search

ENG IN 11:50 AM 5/21/2020

5. Artificial Neural Network in Electrical Engineering

Department of Electrical and Electronics Engineering organized a first Webinar session on the topic “**Artificial Neural Network in Electrical Engineering** ” on 29.05.2020 at 11.00 am to 12.30 am through Google Meet. Prof.S.Rakkammal Head of the department EEE, MAMCET gave the welcome speech. Mrs .A.Mary Beula Associate Professor department of EEE introduced the speaker to the participants. Dr.Swaroop Ramasamy ,Associate professor,Dept of EEE, DubaiInternational Academic City.Dubai UAE. patent scientist ,Dextrays Private Limited was the resource person. The webinar was mainly about the basics of application of neural network in electrical engineering. He presented his lecture with practical examples which was very interesting. He explain about the role of Neural Network in modern era controlling techniques .After the session students will able to work in the neural network . 150 participants including students and faculty members from various institutions had participated and benefited from this session.



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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
organizes

ARTIFICIAL NEURAL NETWORK IN ELECTRICAL ENGINEERING

May 29, 2020 | 11.00 am to 12.30 pm,
Friday



e-Learning
Webinar
Series **#35**



SPEAKER

DR. SWAROOP RAMASWAMY

Associate Professor,
Department of EEE,
Dubai International Academic City,
Dubai, UAE.

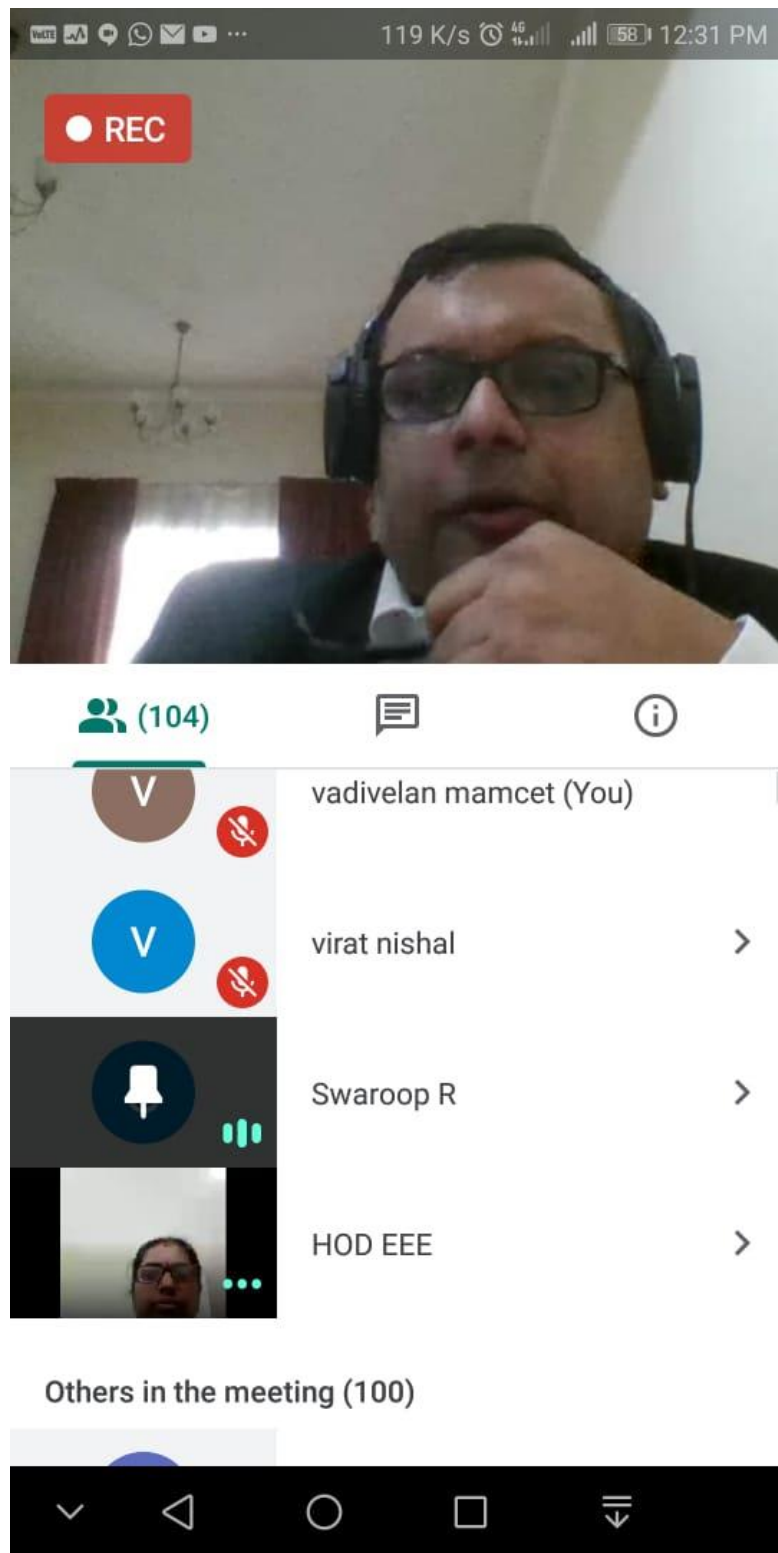
Register Online

<https://forms.gle/HjBtCbCimr5v3pDm9>

Registration Closes by 28.05.2020, 5.00 pm

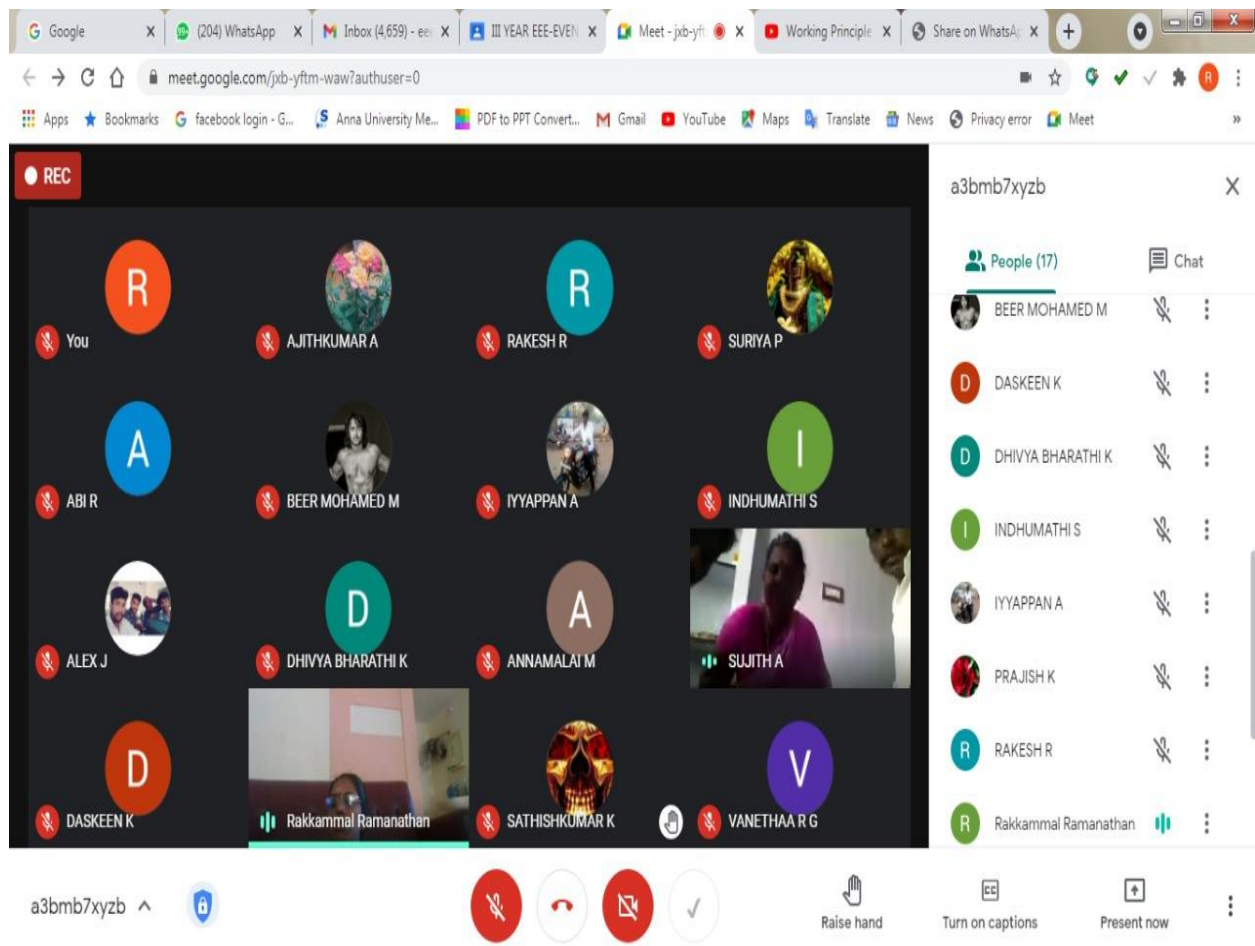
KNOWLEDGE BASED VALUE ADDED EDUCATION

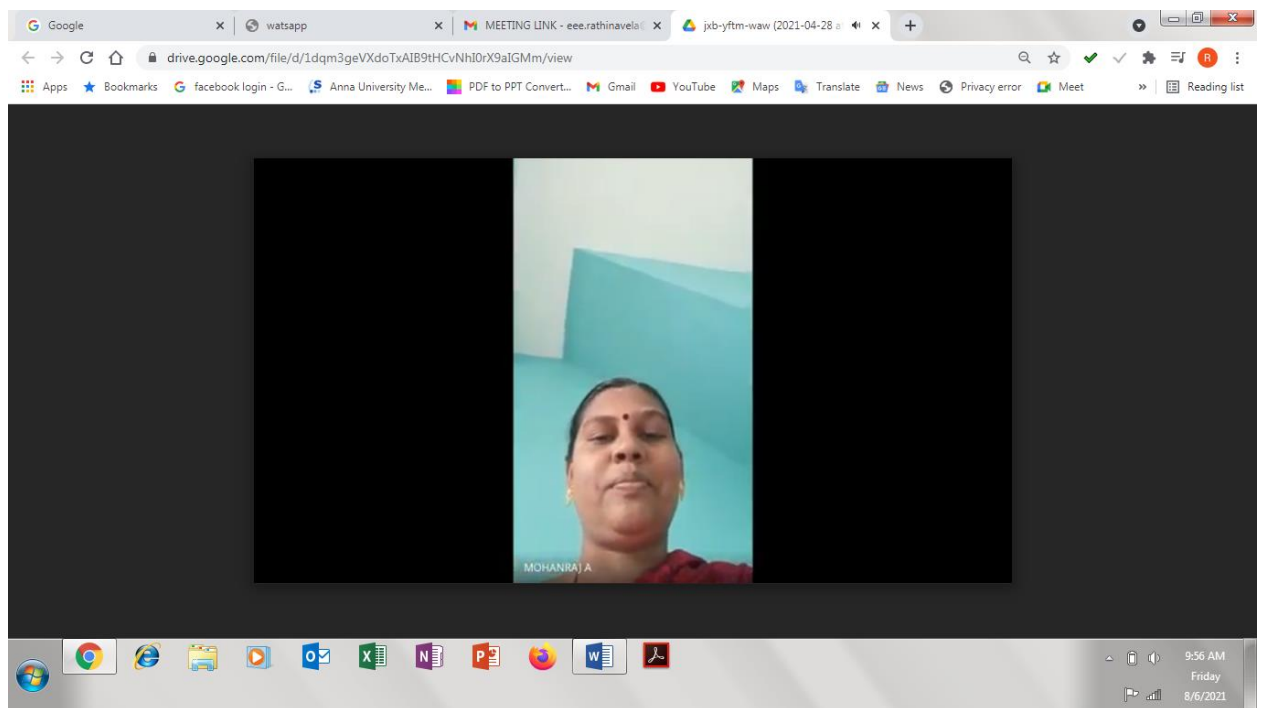
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Parents meeting

Parents meeting conducted to our II,III,IV Year students on DEC 2020. , in that meeting Mrs.S.Rakkammal HOD/EEE discussed about attendance importance and online courses





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.	Mrs.A.Mary Beula	Electrical Vehicle	NIT Mizoram	10/11/2020	14/11/2020
2	Mr.Vinoth Kumar	Smart Cities	Punjab Engineering College Chandigarh	24-8-2020	28-8-2020
		Electric Vehicle	Jalpaiguri Government Engineering College West bengal	23-10-2020	27-10-2020
3	Mr.R.Vadivelan	Electric Vehicle	Aditya Institute of Technology and Management Andra Pradesh	16-11-2020	20-11-2020
		Energy Storage	Jawaharlal Nehru National College Of Engineering Karnataka	5/10/2020	9/10/2020
4	Mr.N.Mayavel	Renewable Energy	College OF Engineering Pune	21/9/2020	25/9/2020
		Internet Of Things	IIT Kerala	17/10/2020	21/10/2020
5	Mr.A.Rathnavel	Green Technology & Sustainable Engineering	St.Joseph's College of Engineerin Tamilnadu	7/9/2020	11/9/2020
		Energy Engineering	K.L.N.college of Engineering Tamilnadu	21/9/2020	25/9/2020
6	Mr.Surendar	Energy Engineering	IIT Roorke	23-11-2020	27-11-2020
		Smart Cities	IIT Dharwad	12/10/2020	16-10-2020
		Power Electronics application in Machine Drives and Power system	NIT Patna	1/12/2020	5/12/2020

Hands On Training

Our II Year and III Year EEE students attended 10 days Hands on Training about ARDUINO from 28 nov 2020-8-Dec 2020 .It is conducted by Mr.M.Vinothkumar AP/EEE ,Mr.A.Rathinavel AP/EEE and Mr.R.Surendar P/EEE.From which students started to do own project by using ARDUINO Kit

