



## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

K L E F

(Koneru Lakshmaiah Education Foundation)

Deemed to be University Estd. u/s 3 of UGC Act. 1956

Accredited by NAAC as 'A++' Grade University ❖ Approved by AICTE ❖ ISO 9001-2008 Certified

Green Fields, Vaddeswaram, Guntur District, Pincode : 522 502, Andhra Pradesh., INDIA

Phones: 0863-2399999 FAX: 0863-2388999

Tag: KLEF/EEE/ KLEF/ ECE/ IQAC - STUDENT/ SQ.3/ ACTIVITIES (Acad/ Extn)

### TITLE: EEE DEPARTMENT ACTIVITY REPORT FOR THE MONTH OF Nov-2020

Activity Name	Date Of Conduction/Participation	Place Of Conduction	Number Of Students (EEE) /Faculty Participated
national energy conservation quiz by CEA	(14-12-20)	online	1
National Energy Conservation Week(EEE)	14 to 19 <sup>th</sup> Dec 2020	online	76

In view of National Energy Conservation week from 14<sup>th</sup> December 2020 to 21<sup>st</sup> December 2020, Department of Electrical and Electronics Engineering organizing following events to emphasize the importance of Energy Conservation and Energy saving opportunities in various utilities.

**Department of  
Electrical and Electronics**



## NATIONAL ENERGY CONSERVATION WEEK

Meeting Link : <https://kluniversitywebbox.com/kluniversity/j.php?MTID=maa071a44c2579b0a74caccb085d0744b>

Meeting number : 158 350 5165  
Password : NFCW@FFF  
Venue : Virtual Classroom

110D-EEE  
**Dr. J. SOMLAL**  
Assoc Doan, KL-ACE  
K.L.E.F University

Faculty Coordinator  
**Dr. B. LOVESWARA RAO**  
Professor & PSRG-Head  
Mobile: 9866290922

**Mr. B. L. N. V. S. K. SIVA PRAKASH**  
Professor, ASEP, KL-ACE, KL-EEE

**Dr. Eswara Moorthy K.V.**  
HOD, EEE

**Mr. R. B. R. Prakash**  
Asst. Prof, KL-EEE

**Mr. D. Seshi Reddy**  
Asst. Prof, KL-EEE

**14<sup>th</sup>-21<sup>st</sup>  
DECEMBER 2020**  
@  
10 A.M TO 11:30 A.M

Organized by  
PSRG Group, Department of EEE

**Following is the Program Schedule:**

<b>Date</b>	<b>Event</b>	<b>Timings</b>	<b>Targeted Audience</b>
14-12-2020 (Monday)	Guest Lecture on <b>Design Standards Of Power Distribution Products For Better Energy Conservation</b> Mr. B.L.N.V.S.K.SIVA PRAKASH, Project Engineer-ELDS, ABB India Ltd, Bangalore (ALUMNI, 2010-14 Batch)	10:00AM-11:30AM	UG, PG Students from EEE
15-12-2020 (Tuesday)	Webinar on <b>IoT Based Energy Conservation Opportunities</b> Dr. Eswara moorthy K.V Department of Electronics and Communication Engineering, IIITDM Kurnool	10:00AM-11:30AM	UG, PG Students from EEE, ECE, ECM
18-12-2020 (Friday)	Orientation Session on: <b>1. Energy bill saving tips for domestic consumers</b> by Mr. R B R Prakash, EEE, KLEF <b>2. Preventive maintenance for domestic appliances to conserve the energy</b> <b>3. Renewable sizing for rooftop solar application</b> by Mr. D Seshi Reddy, Associate Dean-Electrical wing, EEE, KLEF	10:00AM-11:30AM	Non-Teaching staff, programmers, office Assistants of KLEF Vijayawada and Hyd Campuses
19-12-2020 (Saturday)	Virtual Industrial Visit to Solar and Wind Power Plants installed in KLEF campus.	10:00AM-11:30AM	UG, PG Students from EEE, ECE, ECM, Mech

Venue : Virtual Classroom

Meeting Link :

<https://kluniversity.webex.com/kluniversity/j.php?MTID=maa071a44c2579b0a74eacceb085d0744b>

Meeting number : 158 350 5165

Password :NECW@EEE

**DAY 1:**

The Resource Person Mr BLN SIVA PRAKASH has delivered a lecture on Design Standards of POWER DISTRIBUTION PRODUCTS for Energy conservation on 14<sup>th</sup> December 2020 at 10 am. The covered topics were Various Electric components and equipment specifications and maintenance like Circuit breakers and Relays etc,. The Questionary session is productive.

DAY 2: The theme of IoT Based Energy Conservation Opportunities is delivered by Dr KV Eswara Moorthy, given the insights of basic architecture of IoT and the features and possible applications of IoT in energy saving. The projects related to IoT in IIITDM is share by the resource person.

**DAY3:**

Oh this the the participants were given the over view of Elelctrical Billing concepts by Mr R B R Prakash , categories and various ways of conserving electricity while using the typical domestic equipment's like Refrigerator , bulbs, and air conditioners. Participants were very enlightened to know the technical details and various govt schemes of establishing renewable resources like solar and wind.

DAY 4: As per the Schedule today the resource person Mr D Seshi Reddy converted the virtual tour on KLEF campus solar and wind grids. The system architecture and components detail description is explained. Participants were shown the wind turbines setup and solar grids and control room monitoring using software.

Cisco Webex Meetings Meeting Info Hide Menu Bar

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Participants (36)

Search Participants (36)

1 190069031\_B.Pavana

15 195061001 sumanjali

1V 195061004 Narayana valluru

1K 195061005 Satya kalyani

1A 195061006 Sai Lakshmi Arigela

1R 195062002 Vamsidhar Reddy

1A 195062003 Kandagatla Aravind

1 195062006@kluniversity.in

2K 2104 DUSARLAPUDI KALYAN

4C J/RO M Nana Chaitanya

Mute all Unmute all

## What is Electrical Maintenance?

- It revolves around **maintaining and repairing** electronic equipment used in large facilities
- Facets of the work include **testing, fixing and replacing** equipment in buildings owned by corporations, government entities and modern industrial plants.
- One essential ingredient is knowledge of the **National Electric Code**, in addition to familiarity with local codes.

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11:23 18-12-2020

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Speaking: Burthi Loveswara Rao (Cohost)

Participants (22)

Search

SD Seshi Reddy Daka

TT Teja Sreenu Tadivaka

VK vamsi krishna

YD yeddu dinakar

Chat

from CLASS ROOM 090 to everyone: 12:16 PM  
sure sir, we will share

from ravikumarks to everyone: 12:17 PM  
thanks a lot si r

from 2104 DUSARLAPUDI KALYAN to everyone: 12:19 PM  
please share the recorded videos to participants for reference

from 2104 DUSARLAPUDI KALYAN to everyone: 12:24 PM  
<https://forms.gle/6ZKYGdrZoAAAdjK8B9>

from 2104 DUSARLAPUDI KALYAN to everyone: 12:24 PM  
feedback form

from ravikumarks to everyone: 12:24 PM  
raviks1999@mvgce.edu.in

from ravikumarks to everyone: 12:24 PM  
raviks1999@mvgce.edu.in

To: Everyone

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2 apps are using your microphone

19-12-2020



Pictures: Screen shots of National Energy conservation Week Events

The events are conducted as per the schedule, the targeted audience covered this program were II, III and Final year B.tech EEE, ECM and Faculty and scholars of EEE

ON 14-12-2020, III/IV EEE student Ms Sameeksha has participated in CEA QUIZ on the occasion of National Energy conservation DAY.

### List of Participants

S.No		Name of the participant	Name of the Institute
1.	DAY1	Sai Lakshmi Arigela	Koneru Lakshmaiah Education Foundation
2.	DAY1	M Hemanth	K L UNIVERSITY
3.	DAY1	MEKA SAI PRAKASH	K L E F
4.	DAY1	Dr.K.Narasimha Raju	K L E F Deemed University
5.	DAY1	G.G.RAJA SEKHAR	K L UNIVERSITY
6.	DAY1	Teja Sreenu Tadvika	KLEF (Deemed to be University)
7.	DAY1	Dr.A.Pandian	Koneru Lakshmaiah Education Foundation
8.	DAY1	Sameeksha kadiyam	KLEF
9.	DAY1	Sudha Dukkupati	KONERU LAKSHMAIAH EDUCATION FOUNDATION
10.	DAY1	K Gopi	KL university
11.	DAY1	Abuelgasim Elsiddig Malik	KL University
12.	DAY1	Dr.B.Jyothi	KLEF Deemed to be university
13.	DAY1	K. Aravind	KL university
14.	DAY1	Sameeksha kadiyam	KLEF
15.	DAY1	Kiran Gottumukkala	KLEF
16.	DAY1	Dinakar Yeddu	KL university
17.	DAY1	Mohammed Afroz Ahmed	KLEF



		Muddassir	
18.	DAY1	p.v kedarnath	kluniversity
19.	DAY1	K Ravi Teja	KL University
20.	DAY1	Kanduri Lakshman Pavan	K.L.University
21.	DAY1	R B R Prakash	KLEF
22.	DAY1	Chaluvadi praveen kumar	KL university
23.	DAY1	M Hemanth	K L UNIVERSITY
24.	DAY1	Srikanthreddy Narla	KLUniversity
25.	DAY1	Sai Lakshmi Arigela	Koneru Lakshmaiah Education Foundation
26.	DAY1	meka sai prakash	K L E F
27.	DAY1	Ch. Saikrishna	Kli
28.	DAY1	ARUNMETHA S	KLEF
29.	DAY1	yusufkhan pattan	Klu
30.	DAY1	G. Venkata Kiriti	KL university
31.	DAY1	Sai Praveen vobhilineni	K I University
32.	DAY1	Ravindra Joshi	International Institute of Information Technology (I2IT), Pune
33.	DAY1	Narasimha Rao Yalavarthi	Mallareddy Engineering college and management sciences
34.	DAY1	Kiran Gottumukkala	KLEF
35.	DAY1	Bodapati Venkata Rajanna	Koneru Lakshmaiah Education Foundation
36.	DAY1	DADI TIRUMALA TARUN	KL University
37.	DAY1	Dr B Loveswara RAO	KLEF
38.	DAY1	Dinakar Yeddu	KLEF
39.	DAY1	Trinadh Thota	Koneru lakshmaiah education foundation
40.	DAY1	J Sree Likhita	Klu
41.	DAY1	Charan Sai Tiruvuri	K L University
42.	DAY1	kapavarapu gopi	Kl university
43.	DAY1	Trinadh Thota	Koneru lakshmaiah University
44.	DAY1	J Sree Likhita	Klu
45.	DAY1	R B R Prakash	KLEF
46.	DAY1	L.L.L.MANIDEEPIKA	KL UNIVERSITY
47.	DAY1	Narasimha Rao Yalavarthi	Mallareddy Engineering college and management sciences
48.	DAY1	190069031_B.Pavana	KLU
49.	DAY1	k. vamsi krishna	kl university
50.	DAY2 ,3 & 4	TAMBURA SURYA TEJA	K L University, Vijayawada
51.	DAY2 ,3 & 4	Meka Sai Prakash	K L E F
52.	DAY2 ,3 & 4	Kiran Gottumukkala	KLEF
53.	DAY2 ,3 & 4	ARIGELA SAI LAKSHMI	KL UNIVERSITY
54.	DAY2 ,3 & 4	J manoj	KI University
55.	DAY2 ,3 & 4	Dr.B.Jyothi	KLEF Deemed to be university
56.	DAY2 ,3 & 4	J SURYA MANIDEEP	K.L UNIVERSITY
57.	DAY2 ,3 & 4	J Sree Likhita	Klu
58.	DAY2 ,3 & 4	Abuelgasim Elsiddig Malik	K L university
59.	DAY2 ,3 & 4	valluru lakshmi narayana	klu
60.	DAY2 ,3 & 4	K. VAMSI KRISHNA	KL University
61.	DAY2 ,3 & 4	M.Shahinsha	KL university
62.	DAY2 ,3 & 4	G.G.RAJA SEKHAR	K L UNIVERSITY
63.	DAY2 ,3 & 4	Abuelgasim Elsiddig Malik	K L university
64.	DAY2 ,3 & 4	Srikanthreddy Narla	kluniversity
65.	DAY2 ,3 & 4	Dinakar Yeddu	KL university
66.	DAY2 ,3 & 4	Sumanjali Chundu	KLEF

67.	DAY2 ,3 &4	VishnuBhatla Vamsee Krishna	KLU
68.	DAY2 ,3 &4	Dr.B.Jyothi	KLEF Deemed to be university
69.	DAY2 ,3 &4	Bodapati Venkata Rajanna	Varaprasad Reddy Institute of Technology
70.	DAY2 ,3 &4	Sai Lakshmi Arigela	KLEF
71.	DAY2 ,3 &4	Swathi.G	KL University
72.	DAY2 ,3 &4	Kiran Gottumukkala	KLEF
73.	DAY2 ,3 &4	Teja Sreenu Tadivaka	KLEF (Deemed to be University)
74.	DAY2 ,3 &4	Ravikumar Kalamchety	MVGR COLLEGE OF ENGG
75.	DAY2 ,3 &4	Sumanjali Chundu	KLEF
76.	DAY 2, 3 &4	D Kalyan	KLEF

Prepared By

Authorized By

D Kalyan,EEE  
CEA/NSS I/C

Dr. J Somlal  
HOD-EEE