

LIST OF IIIC/EEE ACTIVITIES FOR THE ACADEMIC YEAR  
2022-23

S.No.	Department	Year	Name of the workshop/ seminar/FDP	Date From - To
1	EEE	2022-23	A Technical Talk on the Impact of transmission line and grounding system modelling on lightening overvoltage	23.06.2023
2	EEE	2022-23	A Technical Talk on Future of Electrical Vehicles & New EV Technology	04.11.2022
3	EEE	2022-23	A technical Talk on Utility Power Transmission and Distribution Systems	27.09.2022
4	EEE	2022-23	A Seminar on Development challenges for Embedded controller applications	02.09.2022

HOD, Dept. of EEE

20<sup>th</sup> June 2023

## **CIRCULAR**

It is to inform all the II B.Tech EEE Students that Department of EEE is organizing A Technical Talk on the Impact of transmission line and grounding system modelling on lightening overvoltage on 23<sup>rd</sup> June 2023 at EEE Seminar hall in B-Block. Therefore, all the students are advised to attend this programme and get benefitted.

Venue: EEE Seminar Hall, B-Block, II Floor

Time: 11.00AM

**HOD, Dept. of EEE**

**INDUSTRY INSTITUTE INTERACTION CELL (IIIC CELL)****DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
REPORT ON A TECHNICAL TALK ON THE IMPACT OF TRANSMISSION LINE AND  
GROUNDING SYSTEM MODELLING ON LIGHTENING OVERVOLTAGE**

1	Name of the Activity/Event	A Technical Talk on the Impact of transmission line and grounding system modelling on lightning overvoltage		
2	Date of Activity/Event	23 <sup>rd</sup> June 2023		
3	Organized by/Name of the committee	EEE Department/ IIIC Committee		
4	Place of Activity/event	EEE Seminar Hall, Faraday's Block.		
5	Resource person/guest/organization	Mr.Shaik Nasrulla, Assistant Executive Engineer, APSPDCL, Nellore		
6	Type of activity/Event	Technical Talk		
7	Activity/Event objectives	The main objectives of this Technical talk is the analysis of lightning in Overhead Transmission Lines. By testing a real line of the transmission network, the effect that modeling and the parameters of line can have on the lightning performance, especially on the peak currents during flashover phenomena. This is a very important aspect to evaluate the lightning protection and maintenance of power transmission lines.		
8	Participation	Students	Faculty	Total
		60	01	61
9	General remarks	Presentation is good		
10	Suggested Improvements	Non-linear finite element analysis explanation is not clear to understand the system behavior and for prediction of failure pattern and ultimate load.		
11	Enclosures	1. Circulars 2. Report 3. Attendance		
12	Signature of In charge/convener	Dr. Akhib Khan Bahamani		

## **A Brief Description of the Event**

The Department of Electrical and Electronics Engineering had organized A Technical Talk on the Impact of transmission line and grounding system modelling on lightning overvoltage on 23<sup>rd</sup> June 2023 between 11.00 AM to 12.40 PM in EEE Seminar Hall, Faraday's Block.

The resource persons Mr Shain Nasrull, Assitant Exequtive Engineer APSPDCL, Nellore. This programme was accompanied by Dr. Akhib Khan Bahamani Convener of the Technical talk Dept.of EEE, Narayana Engineering College, Nellore. The programme commenced with the lighting of holy lamp by Dr. G. Venkateswarlu, HOD, Dept.of EEE, welcomed the gathering. Around 60 students from the Department of Electrical and Electronics Engineering attended the Technical Talk.

### **The workshop focused on following key points:**

- Introduction to the procedure of evaluating the lightning performance of a power transmission line
- A summary of modeling the power transmission lines
- Lightning overvoltage in transmission lines
- Lightning arrester for overvoltage protection
- Selection of lightning arrester for high voltage transmission line
- Modeling of overvoltage protection system

### **Outcome of the Technical Talk**

- Gain the electrical knowledge of the overvoltage protection system by surge arrester in transmission lines and substation equipments.
- Understand the study and assesses the performance of different models of transmission lines and grounding systems on lightning overvoltages.

## EVENTS PHOTOES



The Resource person explaining about the Introduction of transmission line



The Resource person explaining importance of transmission line in the power system



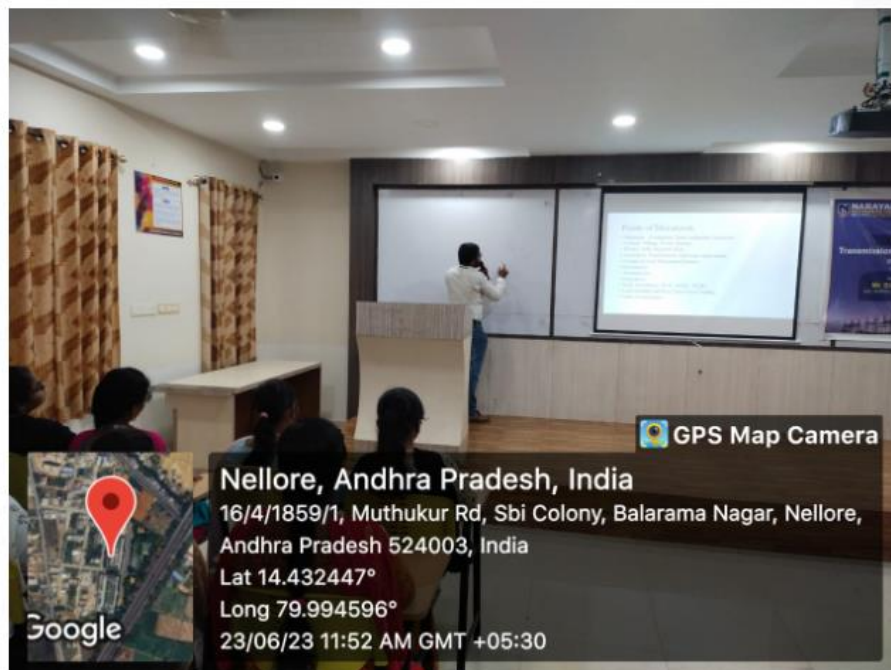
The Resource person explaining Modelling of transmission line



The Resource person explaining about the lightning arrestor on over voltages protection



The Resource person explaining about Selection of lightning arrester for high voltage transmission line



The Resource person explaining about modeling of over voltages protection system

HOD, Department of EEE



**INDUSTRY INSTITUTE INTERACTION CELL (IIIC CELL)**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**STUDENT ATTENDANCE REPORT ON A TECHNICAL TALK ON THE IMPACT OF**  
**TRANSMISSION LINE AND GROUNDING SYSTEM MODELLING ON LIGHTENING**  
**OVERVOLTAGE**

<b>S.NO</b>	<b>ROLL NO</b>	<b>NAME OF THE STUDENT</b>	<b>Year</b>	<b>Present/Absent</b>
1	20711A0211	Balapedda Jagadish	II B.Tech	Absent
2	20711A0214	Damavarapu Rahul	II B.Tech	Absent
3	20711A0255	Uppalapati Divya	II B.Tech	Absent
4	21711A0201	Allam Nirupa	II B.Tech	Present
5	21711A0202	Allapakula Ganesh	II B.Tech	Present
6	21711A0203	Ammavarikuppam Muralidharan	II B.Tech	Present
7	21711A0204	Amuluru Mouna Priya	II B.Tech	Present
8	21711A0205	Annam Lakshmi Yashodhara	II B.Tech	Present
9	21711A0206	Annepu Niharika	II B.Tech	Present
10	21711A0207	Bandla Sireesha	II B.Tech	Present
11	21711A0208	Cherukuri Venkata Hemanth	II B.Tech	Present
12	21711A0209	Chukkapalli Muni Lakshmi	II B.Tech	Present
13	21711A0210	Dasari Sushmitha	II B.Tech	Present
14	21711A0211	Davuloori Vachan	II B.Tech	Present
15	21711A0212	Dekshithula Naga Pushkala	II B.Tech	Present
16	21711A0213	Devarayapalli Sreenadh	II B.Tech	Present
17	21711A0214	Dosakayala Bhavya Sree	II B.Tech	Present
18	21711A0215	Eduru Gayathri	II B.Tech	Present
19	21711A0216	Gonela Akshaya	II B.Tech	Present
20	21711A0217	Guddanti Venkata Raghu Maneeswar	II B.Tech	Present
21	21711A0218	Guduru Hemanth Kumar Reddy	II B.Tech	Present
22	21711A0219	Jogi Archana	II B.Tech	Present
23	21711A0220	Kamatham Sai Chakravarthi	II B.Tech	Present
24	21711A0221	Kancharla Harshitha	II B.Tech	Present



25	21711A0222	Kasthuri Reddy Bharadwaj	II B.Tech	Present
26	21711A0223	Kanna Krishna Priya	II B.Tech	Present
27	21711A0224	Kurapati Sugunasri	II B.Tech	Present
28	21711A0225	Leburu Ramu	II B.Tech	Present
29	21711A0226	Madigana Deepak	II B.Tech	Present
30	21711A0227	Mannuru Srihari	II B.Tech	Present
31	21711A0229	Menta Venkata Yeshwanth	II B.Tech	Present
32	21711A0230	Mohammad Sumayya Naz	II B.Tech	Present
33	21711A0231	Mohammed Arshad	II B.Tech	Present
34	21711A0232	Mohammed Shahul Hameed	II B.Tech	Present
35	21711A0233	Monica Grace Pambadi	II B.Tech	Present
36	21711A0234	Mopuru Mounika	II B.Tech	Present
37	21711A0235	Muntha Sumadhur	II B.Tech	Absent
38	21711A0237	Nagaram Bhargavi	II B.Tech	Present
39	21711A0238	Nallabanda Afra Sulthana	II B.Tech	Absent
40	21711A0239	Nannam Rahul Raj	II B.Tech	Present
41	21711A0240	Nellore Bhargavi	II B.Tech	Present
42	21711A0241	Padasala Rasi	II B.Tech	Present
43	21711A0243	Pittaiiah Manikanta	II B.Tech	Present
44	21711A0244	Pottepalem Sandya Rani	II B.Tech	Present
45	21711A0245	Puvvada Lokesh	II B.Tech	Present
46	21711A0247	Sanaga Saranya	II B.Tech	Present
47	21711A0248	Sandhapudi Hanishka Ravithra	II B.Tech	Present
48	21711A0249	Sesetty Anasuya	II B.Tech	Present
49	21711A0250	Shaik Fahad	II B.Tech	Present
50	21711A0251	Shaik Khadar Basha	II B.Tech	Absent
51	21711A0252	Shaik Manaal	II B.Tech	Present
52	21711A0253	Shaik Saniya	II B.Tech	Present
53	21711A0254	Shaik Shahul	II B.Tech	Present
54	21711A0255	Shaik Sumaiyyah	II B.Tech	Present
55	21711A0256	Shaik Thaheer	II B.Tech	Present
56	21711A0257	Surender Jyothsna	II B.Tech	Present
57	21711A0258	Surendranath Singh Lahari	II B.Tech	Absent
58	21711A0259	Syed Jubare Ahamad	II B.Tech	Present
59	21711A0260	Syed Masiharulla	II B.Tech	Present

60	21711A0261	Syed Sahera Banu	II B.Tech	Present
61	21711A0262	Telagathoti Praveenraj Kumar	II B.Tech	Present
62	21711A0263	Veeramala Nikhil Kumar	II B.Tech	Absent
63	21711A0264	Yeddalapudi Sathyavardhan	II B.Tech	Present
64	21711A0265	Shaik Shafi	II B.Tech	Present
65	22715A0201	Bandila Sumanth	II B.Tech	Present
66	22715A0202	Kotapudi Jagadeesh	II B.Tech	Absent
67	22715A0203	Movidi Lokesh	II B.Tech	Present
68	22715A0204	Palukuri Venkata Sree Lekya	II B.Tech	Present
69	22715A0205	Koppolu Venkata Jayaraj	II B.Tech	Absent
70	22715A0206	Shaik Mohammed Shareef	II B.Tech	Absent

**HOD, Department of EEE**

2<sup>nd</sup> November 2022

## **CIRCULAR**

It is to inform all the III B.Tech EEE Students that Department of EEE is organizing A Technical Talk on Future of Electrical Vehicles & New EV Technology on 4<sup>th</sup> November 2022 at EEE Seminar hall in B-Block. Therefore, all the students are advised to attend this programme and get benefitted.

Venue: EEE Seminar Hall, B-Block, II Floor

Time: 10.00AM

**HOD, Dept. of EEE**

**INDUSTRY INSTITUTE INTERACTION CELL (IIIC CELL)****DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
REPORT ON A TECHNICAL TALK ON FUTURE OF ELECTRICAL VEHICLES & NEW EV  
TECHNOLOGY**

1	Name of the Activity/Event	A Technical Talk on Future of Electrical Vehicles & New EV Technology		
2	Date of Activity/Event	4 <sup>th</sup> November 2022		
3	Organized by/Name of the committee	EEE Department/ IIIC Committee		
4	Place of Activity/event	EEE Seminar Hall, Faraday's Block.		
5	Resource person/guest/organization	Ms. Avishma Technical Engineer, Sunpedal Ride Team, New Delhi		
6	Type of activity/Event	Technical Talk		
7	Activity/Event objectives	The main objectives of this Technical talk is Electric vehicles are the future of transportation. Electric mobility has become an essential part of the energy transition and will imply significant changes for vehicle manufacturers, governments, companies and individuals. To explore opportunities in EV sector, one needs to have a deeper understanding of the system, it's dependencies & interconnections, sizing, operating conditions, dynamic behaviors & more. This Technical talk helps in understanding the electric vehicle technologies and gain appreciable knowledge over the systems.		
8	Participation	Students	Faculty	Total
		60	01	61
9	General remarks	Presentation is good		
10	Suggested Improvements	Need Modelling and simulation of Electric Vehicle and Hybrid Vehicles in MATLAB/Simulink		
11	Enclosures	1. Circulars 2. Report 3. Attendance		
12	Signature of In charge/convener	Dr. Akhib Khan Bahamani		

## A Brief Description of the Event

The Department of Electrical and Electronics Engineering had organized A Technical Talk on Future of Electrical Vehicles & New EV Technology on 4<sup>th</sup> November 2022 between 10.00 AM to 12.40 PM in EEE Seminar Hall, Faraday's Block.

The resource persons Ms. Avishma Technical Engineer, Sunpedal Ride Team, New Delhi. This programme was accompanied by Dr. Akhib Khan Bahamani Convener of the Technical talk Dept.of EEE, Narayana Engineering College, Nellore. The programme commenced with the lighting of holy lamp by Dr. G. Venkateswarlu, HOD, Dept.of EEE, welcomed the gathering. Around 60 students from the Department of Electrical and Electronics Engineering attended the Technical Talk.

The workshop focused on following key points:

- Introduction to EV & ESS
- Inverter Schemes for EV drives applications
- Impact of EVs on the grid, V2G and G2V technology
- Motors and their suitability for EVs
- Application of Power Electronics and Control Systems in EVs
- Electric Vehicle Recharging and Refueling Systems, Battery Management System, Energy Management System, new battery technologies, potential and forecasting.
- Future Technology in EV.

## Outcome of the Technical Talk

- Understand the basics of electric vehicles, their architecture, technologies and fundamentals.
- Analyze the use of different power electronic converters, Inverters and motors in electric vehicles.
- Understand the use of different battery systems used for electric vehicles, their technologies and control and select appropriate technology.
- Understand Indian Market policies on Electric Vehicles.

## EVENTS PHOTOES



The Resource person was interacting with the students



The Resource person explaining about the Importance of EVs to the students



The Resource person explaining about the Motors and their suitability for EVs



The Resource person explaining about the future EVs

HOD, Dept. of EEE



### INDUSTRY INSTITUTE INTERACTION CELL (IIIC CELL)

### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

### STUDENT ATTENDANCE REPORT ON A TECHNICAL TALK ON FUTURE OF ELECTRICAL VEHICLES & NEW EV TECHNOLOGY

S.NO	ROLL NO	STUDENT NAME	Year	Present/Absent
1	20711A0201	Aalla Santhosh Reddy	III B.Tech	Present
2	20711A0202	Amari Prasanth	III B.Tech	Present
3	20711A0203	Amarthaluru Sai Thanusha	III B.Tech	Present
4	20711A0204	Anakarla Bharghavi	III B.Tech	Present
5	20711A0205	Arava Kowshik	III B.Tech	Present
6	20711A0206	Aravam Vinay	III B.Tech	Present
7	20711A0207	Arkot Poojitha	III B.Tech	Present
8	20711A0208	Atchala Varshith Reddy	III B.Tech	Present
9	20711A0209	Badvel Preethi	III B.Tech	Present
10	20711A0210	Bakkamunthala Sumanth	III B.Tech	Present
11	20711A0212	Bhaskar Sneha	III B.Tech	Present
12	20711A0213	Chenu Jagadeesh	III B.Tech	Present
13	20711A0215	Dandi Pranadeep	III B.Tech	Present
14	20711A0216	Duvvuru Sai Sahana	III B.Tech	Present
15	20711A0217	Gaddam Bharath	III B.Tech	Present
16	20711A0218	Gollapalli Gururishi Yadav	III B.Tech	Present
17	20711A0219	Gudi Srikanth	III B.Tech	Present
18	20711A0220	Jangala Vignanalekhana	III B.Tech	Present
19	20711A0221	Katari Vishnu Vardhan	III B.Tech	Present
20	20711A0223	Kurvanaboina Manoj Kumar	III B.Tech	Present
21	20711A0224	Meraga Vinay	III B.Tech	Present
22	20711A0225	Mutharaju V R Chandra Vadan	III B.Tech	Present



23	20711A0226	Muthukuru Chethan	III B.Tech	Present
24	20711A0227	Narala Setty Dhanusha	III B.Tech	Present
25	20711A0228	Natakarani Rambabu	III B.Tech	Present
26	20711A0230	Neella Harshavardhan	III B.Tech	Present
27	20711A0231	Pabbathi Mabu Hussenaiah	III B.Tech	Present
28	20711A0232	Padavala Sudeepthi	III B.Tech	Present
29	20711A0233	Patnam Chandana Priya	III B.Tech	Present
30	20711A0234	Polaki Ankitha	III B.Tech	Present
31	20711A0235	Potham Setti Srividhya	III B.Tech	Present
32	20711A0236	Puvvala Deekshitha	III B.Tech	Absent
33	20711A0237	Rajupalem Krishna	III B.Tech	Present
34	20711A0238	Ramalingam Harshavardhan Reddy	III B.Tech	Present
35	20711A0239	Sangidevara Manoj	III B.Tech	Present
36	20711A0240	Shaik Abdul Musaddiq Ahamed	III B.Tech	Present
37	20711A0241	Shaik Asslam	III B.Tech	Present
38	20711A0242	Shaik Fathima Moinuddin	III B.Tech	Present
39	20711A0243	Shaik Mohammed Haseeb	III B.Tech	Present
40	20711A0244	Shaik Mohasina	III B.Tech	Present
41	20711A0245	Shaik Rijwana	III B.Tech	Present
42	20711A0246	Shaik Riyaz	III B.Tech	Absent
43	20711A0247	Sugamanchi Chaitanya	III B.Tech	Present
44	20711A0248	Syed Ayesha	III B.Tech	Present
45	20711A0249	Syed Hajira	III B.Tech	Present
46	20711A0250	Sd Nawaz	III B.Tech	Present
47	20711A0251	Syed Wajid	III B.Tech	Present
48	20711A0253	Tallapaka Chenchu Sagar	III B.Tech	Present

49	20711A0254	Theepalapudi William Samuel	III B.Tech	Present
50	20711A0256	Vadla Devendrachari	III B.Tech	Present
51	20711A0257	Vadla Dharmika	III B.Tech	Present
52	20711A0258	Veeramreddy Mahendra Reddy	III B.Tech	Present
53	20711A0259	Viswanadhan Sai Uma Maheswari	III B.Tech	Absent
54	20711A0260	Yadlapalli Eswar Chandu	III B.Tech	Present
55	20711A0261	Yarra Manasa	III B.Tech	Present
56	21715A0201	Animeti Kavya	III B.Tech	Present
57	21715A0202	Arava Naveen	III B.Tech	Present
58	21715A0203	Polipaka Lakshminarasimha	III B.Tech	Present
59	21715A0204	Rapur Dinesh	III B.Tech	Present
60	21715A0205	Sonagiri Praveen	III B.Tech	Present
61	21715A0206	Syed Gouse	III B.Tech	Absent
62	21715A0207	Yatagiri Sai Purna Chandar	III B.Tech	Present
63	19711A0247	Shaik Saifuddin	III B.Tech	Present
64	20715A0245	Sk Showkathwali	III B.Tech	Present
65	20715A0247	T Syamanth Vishnu	III B.Tech	Absent

**HOD, Dept. of EEE**

24<sup>th</sup> September 2022

## **CIRCULAR**

It is to inform all the IV B.Tech EEE Students that Department of EEE is organizing A technical Talk on Utility Power Transmission and Distribution Systems on 27<sup>th</sup> September 2022 at EEE Seminar hall in B-Block. Therefore, all the students are advised to attend this programme and get benefitted.

Venue: EEE Seminar Hall, B-Block, II Floor

Time: 10.00AM

**HOD, Dept. of EEE**



**INDUSTRY INSTITUTE INTERACTION CELL (IIIC CELL)**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**REPORT ON A TECHNICAL TALK ON UTILITY POWER TRANSMISSION AND DISTRIBUTION SYSTEMS**

1	Name of the Activity/Event	A technical Talk on Utility Power Transmission and Distribution Systems		
2	Date of Activity/Event	27 <sup>th</sup> September 2022		
3	Organized by/Name of the committee	EEE Department/ IIIC Committee		
4	Place of Activity/event	EEE Seminar Hall, Faraday's Block.		
5	Resource person/guest/organization	SK Nasrulla, Assistant Executive Engineer, APSPDCL,Nellore		
6	Type of activity/Event	Technical Talk		
7	Activity/Event objectives	The main objectives of this Technical talk is utility power transmission and distribution system controls, protects, transforms, and regulates electrical power so it can be safely delivered to the user. The utility power transmission and distribution system begins at the point of power production and normally ends at a building metered service entrance point, which is where the building distribution system begins. A utility power transmission and distribution system consists of transmission substations (step-up transformers), transmission lines, distribution substations (step-down transformers), and distribution lines.		
8	Participation	Students	Faculty	Total
		90	1	91
9	General remarks	Overall Presentation is good		
10	Suggested Improvements	<i>Need to present more on Harmonic Analysis and Modeling of Non-linear Loads,</i>		
11	Enclosures	1. Circulars 2. Report 3. Attendance		
12	Signature of In charge/convener	Dr. Akhib Khan Bahamani		

## A Brief Description of the Event

The Department of Electrical and Electronics Engineering had organized A technical Talk on Utility Power Transmission and Distribution Systems on 27<sup>th</sup> September 2022 between 11.00 AM to 12.40 PM in EEE Seminar Hall, Faraday's Block.

The resource persons SK Nasrulla, Assistant Executive Engineer, APSPDCL,Nellore. This programme was accompanied by Dr. Akhib Khan Bahamani Convener of the Technical talk Dept.of EEE, Narayana Engineering College, Nellore. The programme commenced with the lighting of holy lamp by Dr. G. Venkateswarlu, HOD, Dept.of EEE, welcomed the gathering. Around 90 students from the Department of Electrical and Electronics Engineering attended the Technical Talk.

The workshop focused on following key points:

- Introduction to Transmission substation
- Transmission lines
- Distribution substations
- Distribution lines
- HVDC Power transmission systems
- Substation planning and Engineering

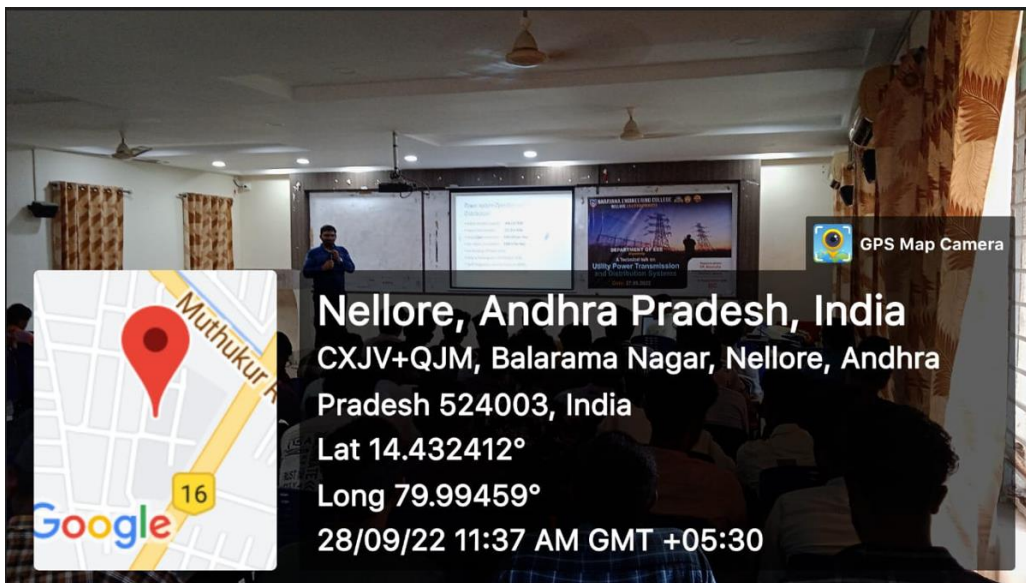
## Outcome of the Technical Talk

- To Conceptualize Students the Basics of existing power Transmission & Distribution System networks in Utilities in Public and Private sectors along with their Rating methods. Future integrated approach of Reduction of line losses and reduction of Transformer Failures projects will be understood.
- To apply Transmission and Distribution Sub Station upgradation/modernization work in practical by the students and time over runs/cost over runs with quality standards will be learned

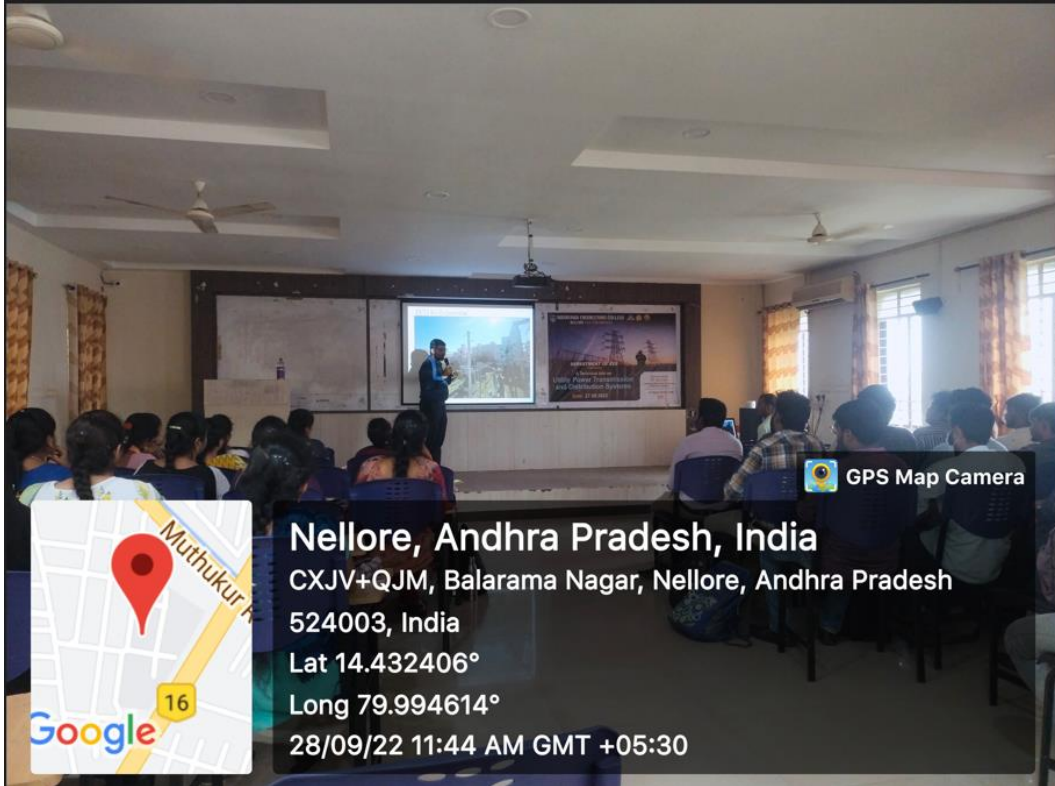
## EVENTS PHOTOES



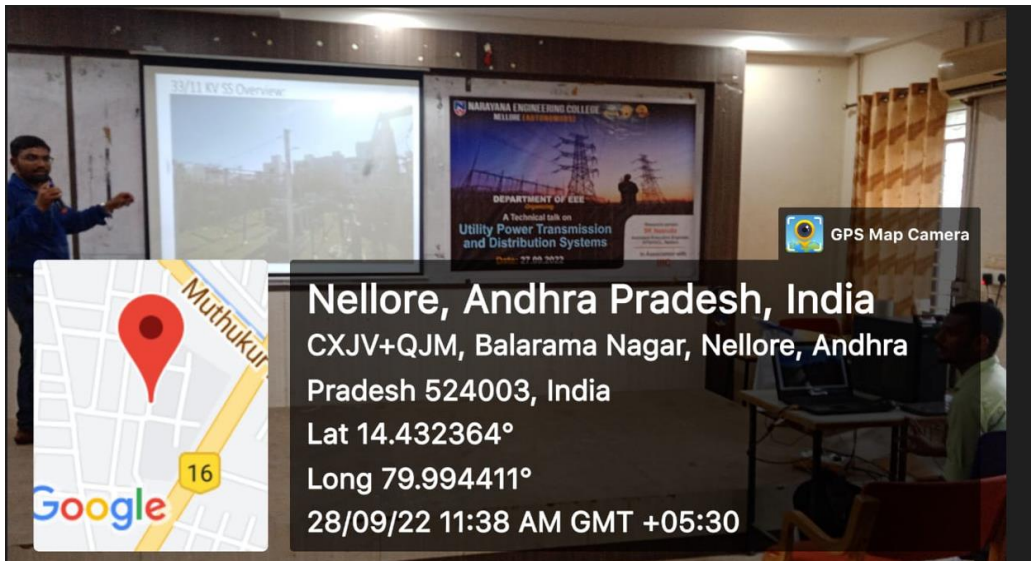
The Resource person explaining about the Importance about transmission lines



The Resource person explaining about the Importance about Distribution transmission lines



The Resource person explaining about the Importance about HVDC Power transmission systems



The Resource person explaining about the Importance about Substation planning and Engineering

HOD, Dept. of EEE

**INDUSTRY INSTITUTE INTERACTION CELL (IIIC CELL)**
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
STUDENT ATTENDANCE REPORT ON A TECHNICAL TALK ON UTILITY POWER  
TRANSMISSION AND DISTRIBUTION SYSTEMS**

S.NO	ROLL NO	STUDENT NAME	Year	Absent/Present
1	19711A0202	Allari Keerthana	IV B.Tech	Present
2	19711A0203	Yerra Anudeep Chowdary	IV B.Tech	Present
3	19711A0205	Chaluvadi Meghana	IV B.Tech	Present
4	19711A0206	Chejarla Vijaya Sagarika	IV B.Tech	Present
5	19711A0207	Chilakapati Muniswar	IV B.Tech	Present
6	19711A0208	Donkina Tejeswar	IV B.Tech	Present
7	19711A0209	Donthi Geethika Bhargavi	IV B.Tech	Present
8	19711A0210	Durgamahanthi Yugesh	IV B.Tech	Present
9	19711A0211	Gaddam Muni Varalakshmi	IV B.Tech	Present
10	19711A0212	Ganapaneni Ruby Rohith	IV B.Tech	Present
11	19711A0213	Gunduboina Naveen	IV B.Tech	Present
12	19711A0214	Guvvala Prasanthi	IV B.Tech	Present
13	19711A0216	Kancharla Aparna	IV B.Tech	Present
14	19711A0217	Karanam Amruthavarshini	IV B.Tech	Present
15	19711A0219	Kommi Sai Teja	IV B.Tech	Present
16	19711A0220	Konuru Lakshmi	IV B.Tech	Present
17	19711A0221	Kurapati Surendra	IV B.Tech	Present
18	19711A0222	Leburu Hari Charan	IV B.Tech	Present
19	19711A0223	Madanapalli Saikiran	IV B.Tech	Present
20	19711A0224	Manda Santhosh	IV B.Tech	Present
21	19711A0225	Maruboina Pravalika	IV B.Tech	Present
22	19711A0226	Mohammad Sameena Tabassum Sultana	IV B.Tech	Present
23	19711A0227	Mohammad Yunus Ahamad	IV B.Tech	Present
24	19711A0228	Mohammed Arsheen	IV B.Tech	Present
25	19711A0229	Mohammed Hyder Ali	IV B.Tech	Present
26	19711A0230	Mora Sai Thanush	IV B.Tech	Present
27	19711A0232	Nakka Vivek Vardhan	IV B.Tech	Present
28	19711A0233	Nasina Siva Priya	IV B.Tech	Present
29	19711A0234	Orugunta Vishnuvardhan	IV B.Tech	Present
30	19711A0238	Paturu Venkata Sai Bhargav	IV B.Tech	Present
31	19711A0239	Penamalli Manoj	IV B.Tech	Present



32	19711A0240	Podili John Anand Preetham	IV B.Tech	Present
33	19711A0241	Puli Venkata Rakesh	IV B.Tech	Present
34	19711A0242	Ramanadhapuram Bhagyasri	IV B.Tech	Present
35	19711A0243	Shaik Karishma	IV B.Tech	Present
36	19711A0244	Shaik Nayab Rasool	IV B.Tech	Present
37	19711A0245	Shaik Neha Sulthana	IV B.Tech	Present
38	19711A0246	Shaik Sadiya Ashraff	IV B.Tech	Present
39	19711A0248	Shaik Tayubuddin	IV B.Tech	Present
40	19711A0249	Telapalli Sai Sukrutha	IV B.Tech	Present
41	19711A0250	Thallapaka Chenchu Sai Pavan	IV B.Tech	Absent
42	19711A0251	Thirumuru Ravi Teja	IV B.Tech	Present
43	19711A0253	Toolluru Srikanth	IV B.Tech	Present
44	19711A0254	Totti Farhana	IV B.Tech	Present
45	19711A0255	Vada Nandini	IV B.Tech	Present
46	19711A0256	Vallipi Pavan	IV B.Tech	Present
47	19711A0257	Vepakomma Venkata Adarsh	IV B.Tech	Present
48	19711A0258	Yamini S	IV B.Tech	Present
49	19711A0259	Yarabolu Nikitha	IV B.Tech	Present
50	19715A0221	Rayala Venkata Karthik	IV B.Tech	Present
51	18711A0257	Sakamuri Ramyasri	IV B.Tech	Present
52	20715A0201	Adimulam Prudvi Ganesh	IV B.Tech	Present
53	20715A0202	A K Pavan Kumar	IV B.Tech	Absent
54	20715A0203	Arcade Murali	IV B.Tech	Present
55	20715A0204	Arogyadas Cyril David	IV B.Tech	Present
56	20715A0205	Athimuru Nuthan Raj	IV B.Tech	Present
57	20715A0206	Bhaktani Bala Subrahmanyam	IV B.Tech	Present
58	20715A0208	C G Sreenath	IV B.Tech	Present
59	20715A0209	Chenji Sai Balaji	IV B.Tech	Absent
60	20715A0210	Chennu Manasa	IV B.Tech	Present
61	20715A0212	Chevuri Isac Deva Kumar	IV B.Tech	Present
62	20715A0213	Dasari Naresh	IV B.Tech	Present
63	20715A0214	Dollu Deva Nandini	IV B.Tech	Present
64	20715A0215	Doma Tejaswini	IV B.Tech	Present
65	20715A0216	Enguluru Chandramouli	IV B.Tech	Present
66	20715A0217	Ganta Balaji Prabhu	IV B.Tech	Absent
67	20715A0219	Jalli Revathi	IV B.Tech	Present
68	20715A0220	Jampani Vijay Kumar	IV B.Tech	Present
69	20715A0221	Javisetti Lakshmaiah	IV B.Tech	Present
70	20715A0222	Kodigolla Dheeraj	IV B.Tech	Present

71	20715A0223	Komatla Thirumala Venkatesh	IV B.Tech	Present
72	20715A0224	Konduru Nuthan Bharath	IV B.Tech	Absent
73	20715A0225	Leti Ganesh	IV B.Tech	Present
74	20715A0226	Marthala Guru Prasad Reddy	IV B.Tech	Present
75	20715A0227	Madanabeti Vamsi	IV B.Tech	Present
76	20715A0228	Machireddy Lohith Krishna Reddy	IV B.Tech	Absent
77	20715A0229	Madduluru Bhanu Teja	IV B.Tech	Present
78	20715A0230	Malapati Jayachandra Reddy	IV B.Tech	Present
79	20715A0231	Mekala Madhu	IV B.Tech	Present
80	20715A0232	Mekala Pranay Kumar	IV B.Tech	Present
81	20715A0233	Nare Jaya Krishna	IV B.Tech	Absent
82	20715A0234	Nimmala Naresh	IV B.Tech	Present
83	20715A0235	Nunna Gnanesh Sairam	IV B.Tech	Present
84	20715A0236	P Vikki	IV B.Tech	Present
85	20715A0237	Pitchala Nandini	IV B.Tech	Present
86	20715A0238	Pothanaboina Guru Upendra	IV B.Tech	Present
87	20715A0239	Prudvi Vishnuvardhan	IV B.Tech	Present
88	20715A0240	Rachagiri Pavan Kalyan	IV B.Tech	Absent
89	20715A0241	Savaram Sowmya	IV B.Tech	Present
90	20715A0242	Syed Sadhiq Nawaz	IV B.Tech	Present
91	20715A0243	Shaik Mahammad Iliyas	IV B.Tech	Present
92	20715A0244	Shaik Basha	IV B.Tech	Present
93	20715A0246	Syed Eliyaz	IV B.Tech	Present
94	20715A0248	Udayagiri Chandru	IV B.Tech	Absent
95	20715A0249	Vakani R V P Venu Gopalacharyulu	IV B.Tech	Present
96	20715A0250	Vasana Pavani	IV B.Tech	Present
97	20715A0251	Velpula Kamalnath	IV B.Tech	Present
98	20715A0252	Vintha Vyshnavi	IV B.Tech	Present
99	20715A0253	Yeggireddy Sridhar	IV B.Tech	Present

HOD, Dept. of EEE

30<sup>th</sup> August 2022

## **CIRCULAR**

It is to inform all the III B.Tech EEE Students that Department of EEE is organizing A Seminar on Development challenges for Embedded controller applications on 2<sup>nd</sup> September 2022 at EEE Seminar hall in B-Block. Therefore, all the students are advised to attend this programme and get benefitted.

Venue: EEE Seminar Hall, B-Block, II Floor

Time: 10.00AM

**HOD, Dept. of EEE**

**INDUSTRY INSTITUTE INTERACTION CELL (IIIC CELL)****DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
REPORT ON A SEMINAR ON DEVELOPMENT CHALLENGES FOR EMBEDDED CONTROLLER  
APPLICATIONS**

1	Name of the Activity/Event	A Seminar on Development challenges for Embedded controller applications		
2	Date of Activity/Event	2 <sup>nd</sup> September 2022		
3	Organized by/Name of the committee	EEE Department/ IIIC Committee		
4	Place of Activity/event	EEE Seminar Hall, Faraday's Block.		
5	Resource person/guest/organization	Mr A Avinash Team Leader Verzeo, Bangalore		
6	Type of activity/Event	Seminar		
7	Activity/Event objectives	Embedded control systems are becoming ubiquitous in control applications. They combine the properties of computer embedded system with newly designed complex controllers where flexible, safe and reconfigurable operations are required. The main objectives of this seminar is to grasp the main features of these systems and analyse the main problems.		
8	Participation	Students	Faculty	Total
		55	01	56
9	General remarks	Overall Presentation is good		
10	Suggested Improvements	Need to explain more on the RTOS Based Embedded System Design		
11	Enclosures	1. Circulars 2. Report 3. Attendance		
12	Signature of In charge/convener	Dr. Akhib Khan Bahamani		

## A Brief Description of the Event

The Department of Electrical and Electronics Engineering had organized A Seminar on Development challenges for Embedded controller applications on 2<sup>nd</sup> September 2022 between 11.00 AM to 12.40 PM in EEE Seminar Hall, Faraday's Block.

The resource persons Mr A Avinash Team Leader Verzeo, Bangalore. This programme was accompanied by Dr. Akhib Khan Bahamani Convener of the Technical talk Dept.of EEE, Narayana Engineering College, Nellore. The programme commenced with the lighting of holy lamp by Dr. G. Venkateswarlu, HOD, Dept.of EEE, welcomed the gathering. Around 55 students from the Department of Electrical and Electronics Engineering attended the Technical Talk.

The workshop focused on following key points:

- Introduction to Embedded systems
- Typical Embedded systems
- Communication Interface
- Embedded firmware design and development
- RTOS based embedded system design

### **Outcome of the Technical Talk**

- Students are understand the design process of an embedded system
- Students can describe the typical embedded System & its components
- Students can Illustrate the embedded firmware design approaches
- Students can Learn the basics of OS and RTOS

## EVENTS PHOTOES



The Resource person explaining about the Importance about design process of an embedded system



The Resource person explaining about the embedded system and its application



**The Resource person Interacting with the students**



**The Resource person explaining about the RTOs and OS**

**HOD, Dept. of EEE**



### INDUSTRY INSTITUTE INTERACTION CELL (IIIC CELL)

### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

### STUDENT ATTENDANCE REPORT ON A SEMINAR ON DEVELOPMENT CHALLENGES FOR EMBEDDED CONTROLLER APPLICATIONS

S.NO	ROLL NO	STUDENT NAME	Year	Present/Absent
1	20711A0201	Aalla Santhosh Reddy	III B.Tech	Present
2	20711A0202	Amari Prasanth	III B.Tech	Present
3	20711A0203	Amarthaluru Sai Thanusha	III B.Tech	Present
4	20711A0204	Anakarla Bharghavi	III B.Tech	Absent
5	20711A0205	Arava Kowshik	III B.Tech	Present
6	20711A0206	Aravam Vinay	III B.Tech	Present
7	20711A0207	Arkot Poojitha	III B.Tech	Present
8	20711A0208	Atchala Varshith Reddy	III B.Tech	Present
9	20711A0209	Badvel Preethi	III B.Tech	Present
10	20711A0210	Bakkamunthala Sumanth	III B.Tech	Present
11	20711A0212	Bhaskar Sneha	III B.Tech	Present
12	20711A0213	Chenu Jagadeesh	III B.Tech	Present
13	20711A0215	Dandi Pranadeep	III B.Tech	Present
14	20711A0216	Duvvuru Sai Sahana	III B.Tech	Present
15	20711A0217	Gaddam Bharath	III B.Tech	Absent
16	20711A0218	Gollapalli Gururishi Yadav	III B.Tech	Present
17	20711A0219	Gudi Srikanth	III B.Tech	Present
18	20711A0220	Jangala Vignanalekhana	III B.Tech	Present
19	20711A0221	Katari Vishnu Vardhan	III B.Tech	Present
20	20711A0223	Kurvanaboina Manoj Kumar	III B.Tech	Absent
21	20711A0224	Meraga Vinay	III B.Tech	Present
22	20711A0225	Mutharaju V R Chandra Vadan	III B.Tech	Present



23	20711A0226	Muthukuru Chethan	III B.Tech	Present
24	20711A0227	Narala Setty Dhanusha	III B.Tech	Present
25	20711A0228	Natakarani Rambabu	III B.Tech	Present
26	20711A0230	Neella Harshavardhan	III B.Tech	Present
27	20711A0231	Pabbathi Mabu Hussenaiah	III B.Tech	Present
28	20711A0232	Padavala Sudeepthi	III B.Tech	Present
29	20711A0233	Patnam Chandana Priya	III B.Tech	Present
30	20711A0234	Polaki Ankitha	III B.Tech	Present
31	20711A0235	Potham Setti Srividhya	III B.Tech	Present
32	20711A0236	Puvvala Deekshitha	III B.Tech	Absent
33	20711A0237	Rajupalem Krishna	III B.Tech	Present
34	20711A0238	Ramalingam Harshavardhan Reddy	III B.Tech	Present
35	20711A0239	Sangidevara Manoj	III B.Tech	Present
36	20711A0240	Shaik Abdul Musaddiq Ahamed	III B.Tech	Present
37	20711A0241	Shaik Asslam	III B.Tech	Present
38	20711A0242	Shaik Fathima Moinuddin	III B.Tech	Present
39	20711A0243	Shaik Mohammed Haseeb	III B.Tech	Present
40	20711A0244	Shaik Mohasina	III B.Tech	Present
41	20711A0245	Shaik Rijwana	III B.Tech	Present
42	20711A0246	Shaik Riyaz	III B.Tech	Absent
43	20711A0247	Sugamanchi Chaitanya	III B.Tech	Present
44	20711A0248	Syed Ayesha	III B.Tech	Present
45	20711A0249	Syed Hajira	III B.Tech	Present
46	20711A0250	Sd Nawaz	III B.Tech	Present
47	20711A0251	Syed Wajid	III B.Tech	Present
48	20711A0253	Tallapaka Chenchu Sagar	III B.Tech	Present

49	20711A0254	Theepalapudi William Samuel	III B.Tech	Present
50	20711A0256	Vadla Devendrachari	III B.Tech	Present
51	20711A0257	Vadla Dharmika	III B.Tech	Absent
52	20711A0258	Veeramreddy Mahendra Reddy	III B.Tech	Present
53	20711A0259	Viswanadhan Sai Uma Maheswari	III B.Tech	Absent
54	20711A0260	Yadlapalli Eswar Chandu	III B.Tech	Present
55	20711A0261	Yarra Manasa	III B.Tech	Present
56	21715A0201	Animeti Kavya	III B.Tech	Absent
57	21715A0202	Arava Naveen	III B.Tech	Present
58	21715A0203	Polipaka Lakshminarasimha	III B.Tech	Present
59	21715A0204	Rapur Dinesh	III B.Tech	Present
60	21715A0205	Sonagiri Praveen	III B.Tech	Present
61	21715A0206	Syed Gouse	III B.Tech	Absent
62	21715A0207	Yatagiri Sai Purna Chandar	III B.Tech	Present
63	19711A0247	Shaik Saifuddin	III B.Tech	Present
64	20715A0245	Sk Showkathwali	III B.Tech	Present
65	20715A0247	T Syamanth Vishnu	III B.Tech	Absent

**HOD, Department of EEE**