



IE(I) ELECTRICAL CHAPTER, NSSCE

ANNUAL EVENTS CALENDAR, 2024-25

SL NO.	ACTIVITY TITLE	NATURE OF ACTIVITY	MODE OF CONDUCT	DATE
1	PV Syst	Webinar	Online	15 th April 2024
2	Figma UI/UX Workshop	Workshop	Online	1 st & 2 nd August 2024
3	Assistive Technology	Webinar	Online	3 rd August 2024
4	Future Forward – Idea Pitching Competition	Competition	Offline	30 th August 2024
5	Two- day National Seminar on Smart Grid Current Trends and Future	Seminar	Offline	6 th & 7 th September 2024
6	Arduino Workshop	Workshop	Offline	6 th October 2024
7	Christmas Cryptex	Competition	Offline	13 th December 2024
8	Connect'24	Orientation Programme	Offline	17 th December 2024
9	Fusion 360 Workshop	Workshop	Offline	17 th January 2025
10	KI CAD Workshop	Workshop	Offline	25 th January 2025
11	Exploring Project Management: A Career Path for Engineers	Technical Talk	Offline	22 nd February 2025
12	Industrial Visit to Peringalkuthu Power Generating Station	Industrial Visit	Offline	1 st March 2025
13	Career Connect: Placement Talk by Seniors	Talk Session	Offline	4 th March 2025
14	Empower GD Competition	Competition	Offline	7 th March 2025
15	Tarang Photography Contest	Competition	Online	14 th March – 30 th March 2025
16	Canva Workshop	Workshop	Online	15 th March 2025
17	Wix- Introduction to Basic Website Development	Workshop	Online	16 th March 2025



The Institution of Engineers(India)

ELECTRICAL STUDENTS CHAPTER , NSS COLLEGE OF ENGINEERING

PALAKKAD – 678008 , KERALA , INDIA

ONLINE WEBINAR ON PVsyst

Name of the Centre	-
Title of the Program	ONLINE WEBINAR ON PVsyst
Program date	15 APRIL
Program Time	7:00 PM TO 8:30PM
No of Participants	77
No of volunteers	2

SESSION REPORT

Session Brief: A webinar on PVsyst, a gateway for solar simulation was successfully conducted by IE(I) ELECTRICAL CHAPTER, NSSCE on 15th April 2024 to give an introduction and a detailed discussion on PVsyst software. The session was handled by Abhinav Rajeev, Senior Research fellow at IIT Palakkad.

The webinar provided participants with an introduction about the PVsyst simulation software. The session focused on how to use the software for studying, analyzing and designing photovoltaic system.

The goal of the webinar was to equip participants with the skills and knowledge necessary to evaluate the efficiency and feasibility of a PV system using PVsyst simulation.

EVENT PHOTOGRAPHS



IE(I) ELECTRICAL CHAPTER NSSCE

WEBINAR ON PVsyst

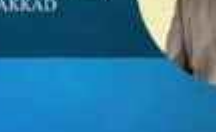


**15th APRIL , MONDAY**

**07:00 PM - 08:30 PM**

Session handled by :

ABHINAV RAJEEV
SENIOR RESEARCH FELLOW
AT IIT PALAKKAD





Scan to Register

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Temperature and Humidity

Month	Average	Minimum	Maximum	Wind	Clouds	Humidity
January	6.6	0.0	13.3	0.0	0.0	66
February	6.6	0.0	13.3	0.0	0.0	66
March	6.6	0.0	13.3	0.0	0.0	66
April	6.6	0.0	13.3	0.0	0.0	66
May	6.6	0.0	13.3	0.0	0.0	66
June	6.6	0.0	13.3	0.0	0.0	66
July	6.6	0.0	13.3	0.0	0.0	66
August	6.6	0.0	13.3	0.0	0.0	66
September	6.6	0.0	13.3	0.0	0.0	66
October	6.6	0.0	13.3	0.0	0.0	66
November	6.6	0.0	13.3	0.0	0.0	66
December	6.6	0.0	13.3	0.0	0.0	66
Year	6.6	0.0	13.3	0.0	0.0	66



PARTICIPANTS LIST

S/no	Name	Year of Study	Department
1.	Amrutha A R	3	EEE
2.	Anna James	3	EEE
3.	Archana P Subhash	3	EEE
4.	Dhrisya S	3	EEE
5.	Alka V R	3	EEE
6	Chaithra C B	1	EEE
7	V Anand	2	EEE
8	Bhavana K R	3	EEE
9	Anaswara	3	EEE
10	Abhishek KM	3	EEE
11	Haritha K	3	EEE
12	Devika T H	3	EEE
13	Amritharaj	3	EEE
14	Keerthana N	2	ECE
15	Aswathi P B	3	EEE
16	Abhilash V	4	ECE
17	Arya S	3	EEE
18	Vibin P V	3	EEE
19	Midhu K Vijay	3	EEE
20	Navami S Pradeep	3	EEE
21	Nikhiladas R	3	EEE
22	Mohammed Riyaz V	3	EEE
23	Meerakrishna R	3	EEE
24	Sreelakshmi A	3	EEE
25	Nafiya M	1	EEE
26	Aditya R	3	EEE
27	Maya P	1	EEE
28	Uthara R	3	EEE
29	Archana P Nair	3	EEE
30	Krishnapriya A	1	EEE
31	M Krishna Chandran	2	EEE
32	Sheri Fathima M	1	EEE
33	J Padmaparvathy	1	EEE
34	Sajna M	3	EEE
35	Athira Jayan	3	EEE
36	Sreelakshmi G	3	EEE
37	T B Vishnuprasad	2	EEE
38	Mohammed Sajas	3	EEE

39	Anjali V	3	EEE
40	Abhiram Biju V	3	EEE
41	Praveena P P	3	EEE
42	Manu Vinayak M L	1	EEE
43	Althaf M Ansari	3	EEE
44	Sreedevi O R	3	EEE
45	Vidhun K R	3	EEE
46	Alwin Davis	3	EEE
47	Sainu Nitha P	3	EEE
48	Anand Sekhar P C	3	EEE
49	Ramees Muhammed K	3	EEE
50	Sisira S	3	EEE
51	Razin Anwar N P	3	EEE
52	Midhun Raj J N	3	EEE
53	Muhammed Junaaid K	3	EEE
54	V Sabarinath	2	ECE
55	Ansaba Shirin K	2	ECE
56	Fathima K	3	EEE
57	Anjala Shabnam S	3	EEE
58	Abhishek Menon	3	EEE
59	Akshaya B	3	EEE
60	Ansil Ali S	3	EEE
61	Abhinav K	3	EEE
62	Vishal Promod Menon	3	EEE
63	Nihma K M	3	EEE
64	Yedhu Mohan K	3	EEE
65	Midhun Ramkumar C v	3	EEE
66	Sreeram P A	3	EEE
67	Abdul Basith T	3	EEE
68	Avin P V	3	EEE
69	Diyu Ahammed P	3	EEE
70	Shreya Suresh	3	EEE
71	Abhijith J	3	EEE
72	Sarang P	3	EEE
73	Bhagyasree N	3	EEE
74	Saurabh Sasikumar	3	EEE
75	Vaishnav H	3	EEE
76	Pranav Sankar	3	EEE
77	Sreya P	3	EEE



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ELECTRICAL CHAPTER, N.S.S COLLEGE OF ENGINEERING,
PALAKKAD – 678008, KERALA, INDIA

FIGMA WORKSHOP

PROGRAM CENTRE	NSS COLLEGE OF ENGINEERING
PROGRAM DATE	1st & 2nd August 2024
PROGRAM TIME	07:00PM-9:00PM
NUMBER OF PARTICIPANTS	61
NUMBER OF COORDINATORS	2

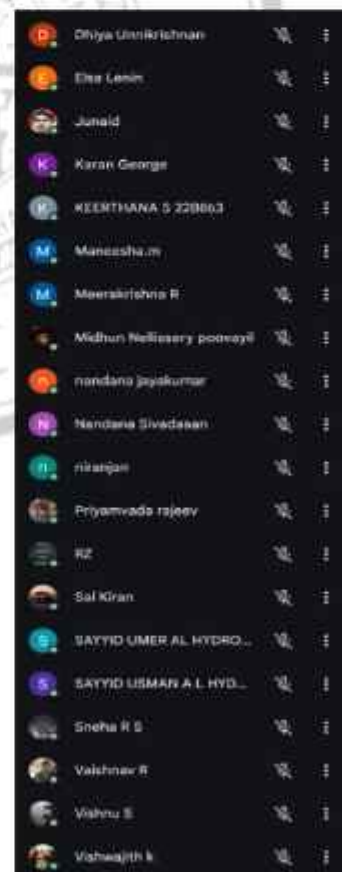
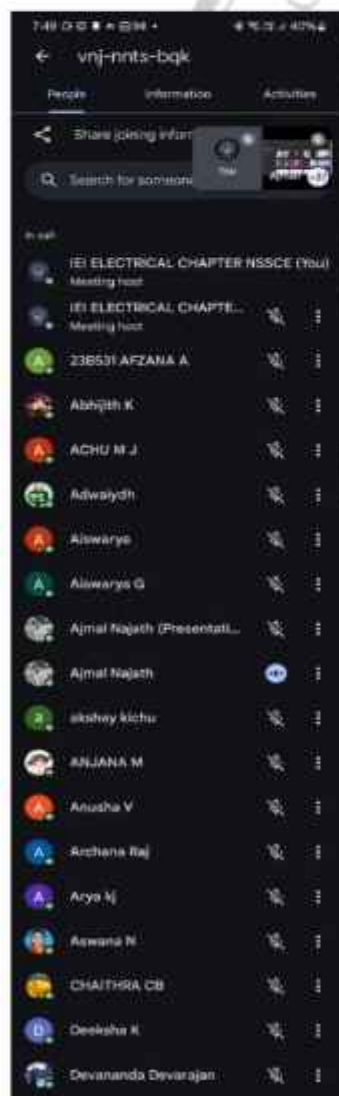
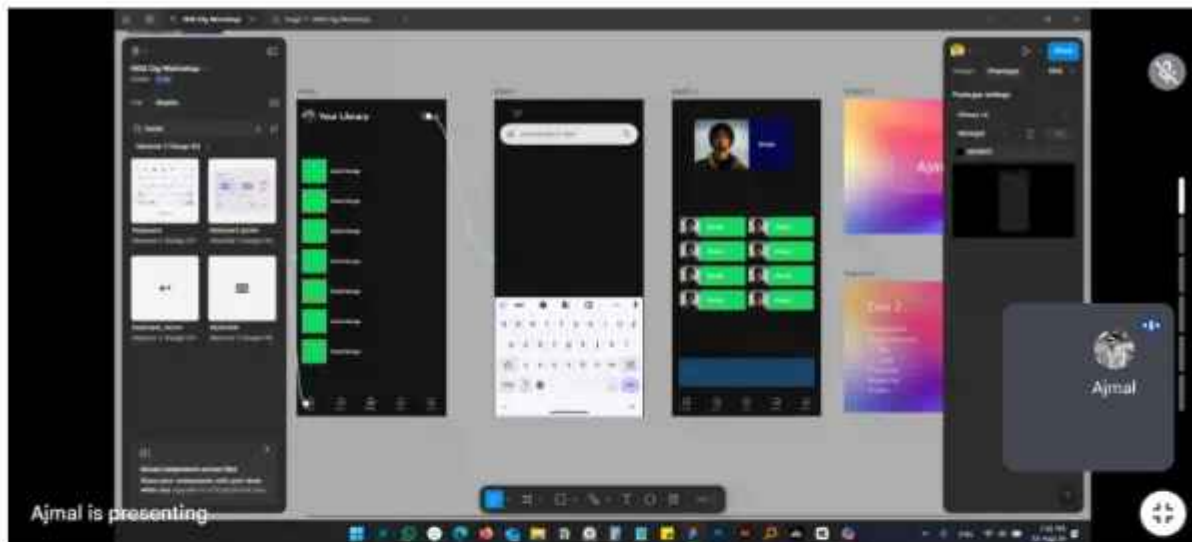
FIGMA WORKSHOP, was successfully organized by IE(I) ELECTRICAL CHAPTER NSSCE, on the August 1 and 2, 2024.

Figma workshop was an interactive session where participants learn and practice using Figma's design and collaboration tools to enhance their UI/UX design skills.

The event commenced with a warm welcome address, the session was handled by Muhammad Ajmal Najath, a 4th year B tech student CSE student from M. Dasan Institute of Technology, Kozhikode.

About 64 students participated in the 2days online workshop.

EVENT PHOTOGRAPHS



LIST OF PARTICIPANTS

SL NO.	NAME	DEPARTMENT	YEAR OF STUDY
1	J PADMAPARVATHY	EEE	2 nd year
2	Veena Prasad	EEE	3 rd year
3	CHAITHRA C B	EEE	2 nd year
4	Keerthana S	EEE	3 rd year
5	Anjana M	EEE	3 rd year
6	Ansaba Shirin k	EEE	3 rd year
7	Lakshmi MG	EEE	3 rd year
8	Sayyid Usman Al Hydrose PM	EEE	4 th year
9	Sachidanand S S	EEE	2 nd year
10	Navami S Pradeep	EEE	4 th year
11	Maneesha.m	EEE	2 nd year
12	ARCHANARAJ	EEE	2 nd year
13	T B Vishnu Prasad	EEE	3 rd year
14	MOHAMMED SAJAS P T	EEE	4 th year
15	Suresh P	EEE	4 th year
16	Muzawira	EEE	2 nd year
17	Aswana N	EEE	2 nd year
18	Mohammed Riyaz V	EEE	4 th year
19	VISHWAJITH K	EEE	2 nd year
20	Sneha R S	EEE	2 nd year
21	Anusha V	EEE	2 nd year

22	DEEKSHA K	EEE	2 nd year
23	DHIYA K U	ME	2 nd year
24	Muhammed Hasir A	EEE	2 nd year
25	Vishnu S	EEE	3 rd year
26	Neha S	EEE	3 rd year
27	Prithviraj.S	EEE	3 rd year
28	Neseeba Roja	EEE	3 rd year
29	Greeshma G	EC	3 rd year
30	Hafsa Y	EC	3 rd year
31	Arya K J	EC	3 rd year
32	Achu M J	EC	2 nd year
33	SAIKIRAN P	EC	2 nd year
34	Karan George	EC	2 nd year
35	Elsa Lenin	EC	2 nd year
36	Aiswarya G	EC	2 nd year
37	AKSHAY EH	EEE	3 rd year
38	Padmapriya.v	EC	3 rd year
39	Sandra S Kumar	EC	3 rd year
40	Keerthana S	EC	3 rd year
41	Anjana M	EC	3 rd year
42	Devananda Devarajan	EEE	3 rd year
43	Christo Philip Sabu	EC	3 rd year
44	Ansaba Shirin k	ME	3 rd year

45	Vinesh V	EC	3 rd year
46	AMJUM SHAREEF A S	EC	2 nd year
47	Bhadra Krishnan	EC	2 nd year
48	Niranjana Ravi	ME	3 rd year
49	Abhijith K	EEE	2 nd year
50	Adwaiydh A	EEE	2 nd year
51	Aleena Modavankulavan	EC	2 nd year
52	Bliss shite	EC	2 nd year
53	SARIGA R	EC	3 rd year
54	Afzana.A	EEE	2 nd year
55	Midhun Nellisseri Poovayil	EEE	4 th year
56	Aiswarya k	EEE	2 nd year
57	RIYA ROSE ROY	EC	2 nd year
58	Vaishnav R	EEE	4 th year
59	Muhammed Junaid K	EEE	4 th year
60	Geethika V	EC	3 rd year
61	Anjana. G	EEE	2 nd year



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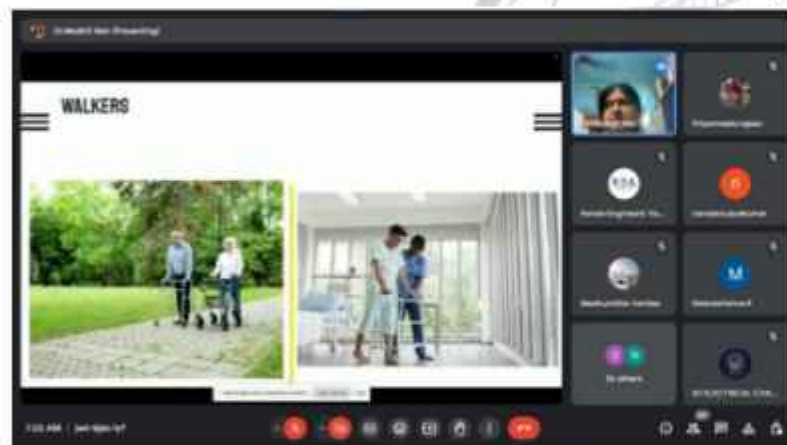
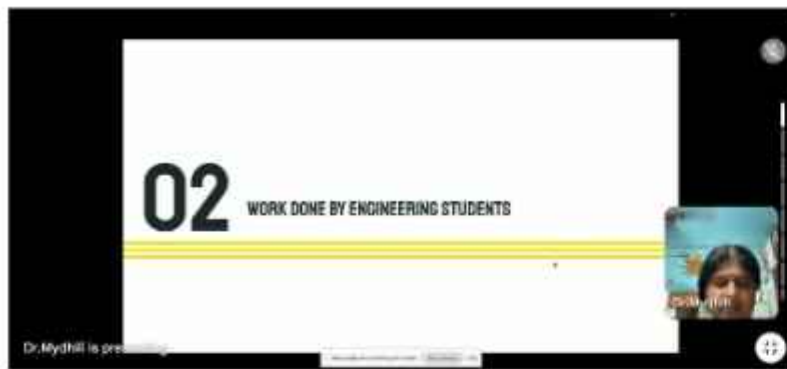
WEBINAR ON ASSISTIVE TECHNOLOGY

An online webinar on Assistive Technology was successfully conducted by IE(I) Electrical Chapter NSSCE, on 3rd August 2024, to discuss advancements and applications in enhancing accessibility for individual with disabilities. The session was handled by Dr. Mydhili K Nair, professor and founding head of School of Computer Science and Engineering, RV University. This event was conducted by the chapter in association with Kerala Engineers' Association, Bengaluru and Department of electrical and Electronics engineering, NSSCE

The webinar mainly focused on discussing assistive devices software and equipment used to help people with certain disabilities, impairments or limitations do what they might could not have done without it, or simply make it easier or more comfortable for them to do it. It was an interactive session which dealt with assistive technology in all areas.

The program began with the welcome address of Dr. Leena N, Staff Advisor of IE(I), Electrical Chapter NSSCE. Mr Arjun SS, President of Kerala Engineers' Association Bengaluru was the Chief Guest. 61 students from various departments participated in the webinar. The session received excellent feedback from the participants, highlighting in particular the subjects that were covered and the ease with which they were taught.

EVENT PHOTOGRAPHS



LIST OF PARTICIPANTS

SI No	NAME	Year of Study	Department
1	J Padmaparvathy	2	EEE
2	Sneha R S	2	EEE
3	Venkatesh P H	2	EEE
4	Afzana A	2	EEE
5	Krishna J	2	EEE
6	Viswajith K	2	EEE
7	Anusha V	2	EEE
8	Krishnapriya A	2	EEE
9	Nafiya M	2	EEE
10	Sreedevi P	2	EEE
11	Archanaraj	2	EEE
12	Vismaya Kavva	2	EEE
13	Barath NR	3	EEE
14	Cyrus Santhosh	3	EEE
15	Fathima Ansila S A	3	EEE
16	Keerthana S	3	EEE
17	Devananda Devarajan	3	EEE
18	Dilna E V	3	EEE
19	Fathima Mehrin M	3	EEE
20	Adarsh A	3	EEE
21	Nima R	3	EEE
22	Mohammed Shijas K	3	EEE
23	K Rahul Raj	3	EEE
24	Pooja Sasi	3	EEE
25	Ansaba Shirin K	3	EEE
26	Aditya	3	EEE
27	E H Akshay	3	EEE
28	Sreelakshmi C N	3	EEE
29	Sreeranjana M B	3	EEE
30	Anna James	4	EEE

31	Alka V R	4	EEE
32	Archana P Nair	4	EEE
33	Sreeram P A	4	EEE
34	Priyamvada R	4	EEE
35	Nandana Jayakumar	4	EEE
36	Sreedevi O R	4	EEE
37	Vidhun K	4	EEE
38	Anjali V	4	EEE
39	Muhammed Junaid K	4	EEE
40	Mohammed Rivaz V	4	EEE
41	Nihma K M	4	EEE
42	Mohammed Sajas P T	4	EEE
43	Arva S	4	EEE
44	Midhun	4	EEE
45	Nandana Sivadasan	4	EEE
46	Bhagvasree N	4	EEE
47	Abhav Krishna M M	4	EEE
48	Vaishnav R	4	EEE
49	Meerakrishna R	4	EEE
50	Padmapriya V	3	ECE
51	Nandana S Anil	4	ECE
52	Pravitha V P	3	ICE
53	Ajith C	3	ICE
54	Jesna Mohammed	3	ICE
55	Vishnupriya P A	3	ICE
56	Anaswara A	3	ICE
57	Unnimaya U	3	ICE
58	Anupama P	3	ICE
59	Sneha S	3	ICE
60	Anusree R	3	ICE
61	Al Thaf	3	ME



The Institution of Engineers (India)

ELECTRICAL CHAPTER, N.S.S COLLEGE OF ENGINEERING,
PALAKKAD – 678008, KERALA, INDIA

FUTURE FORWARD

Program Centre	NSS College Of Engineering
Program Date	30 th August 2024
Program Time	2.00 Pm To 4.00 Pm
Number of Participants	15
Number of Coordinators	2

FUTURE FORWARD, was successfully organized by IE(I) ELECTRICAL CHAPTER NSSCE, on DECEMBER 13, 2024.

The Idea Pitching Competition, held on 30th August 2024, was a resounding success, showcasing the innovative spirit and entrepreneurial mindset of our participants. The event provided a platform for aspiring entrepreneurs to present their groundbreaking ideas to a panel of esteemed judges and a diverse audience.

The ideas were expected to be based on the topic "HUMAN CENTERED DESIGNS". All the ideas were in aid to make the human lives better.

First round was Online and out of the pitches made 4 best teams with the best ideas were selected. The four best teams were Breaking Minds, Gladiators, Technocrats and Enlight.

Second round was conducted offline where the top four teams pitched their ideas to our esteemed panel of judges. From the four teams, 3 teams were selected as winners.

First prize was won by team Breaking Minds and second and third place were given to Technocrats and Gladiators respectively. Head of the Department Dr Saju N congratulated the winners and awarded the winners with cash prize.

EVENT PHOTOGRAPHS



LIST OF PARTICIPANTS

SL NO	PARTICIPANTS	YEAR OF STUDY	DEPARTMENT
1	Joyel Thomas	3	IC
2	Amritha pv	3	IC
3	Santhanu Ghosh P S	3	IC
4	Ajith raj	3	EEE
5	Arjun Sajith	3	CS
6	Abhishek Arunkumar	3	CS
7	Anoop P	3	CS
8	Aleena Joseph	3	CS
9	Mihikka S	3	CS
10	Anjana S	3	CS
11	Sneha D	3	CS
12	Aysha Naja K	2	EC
13	Aleena Modavankulavan	2	EC
14	Ameesha KG	2	EC
15	Jenitta Ann Sobi	2	EC



The Institution of Engineers (India)

ELECTRICAL CHAPTER, N.S.S COLLEGE OF ENGINEERING,
PALAKKAD – 678008, KERALA, INDIA

Two Day National Seminar on “Smart Grid: Current Trends and Future”

Name of centre	NSS College of Engineering
Title of Program	Two-day National Seminar on "Smart Grid: Current Trends and Future"
Program Date	6 th & 7 th September, 2024
Total number of participants	

A Two-day National Seminar on "Smart Grid: Current Trends and Future" organized by The Institution of Engineers (India), Palghat Local Centre in association with Department of Electrical and Electronics Engineering and IE(I) Electrical Chapter, NSS College of Engineering, Palakkad on 6th and 7th September 2024 at NSS College of Engineering, Palakkad.

The seminar commenced with a prayer and a moment of silence for the victims of the Wayanad landslide. Er. A V Rajappan, Chairman of the IEI Palakkad Local Centre, extended a warm welcome to all attendees. Dr. N. Rajeev, Principal of NSS College of Engineering, Palakkad, delivered the presidential address. Dr. Sujith S, Professor in the Department of Electrical Engineering at NSSCE, provided a comprehensive preview of the two-day seminar. The inaugural address was delivered by Er. C. Rethi Nair, General Manager at SRLDC, Grid Controller of India Limited. Following the inauguration, the Er. A Keshavan, IE(I) Chairman handed over the souvenir to the Chief Guest, who received it from the Principal of NSSCE. Er. A V Rajappan presented a memento to the Chief Guest. Dr. Rajesh Menon B., Honorary Secretary of the IEI Palakkad Local Centre, proposed the vote of thanks. The keynote address was delivered by Er. C. Rethi Nair.

The first day of the seminar featured sessions by Er. R Ramar, Deputy Director, National Power Training Institute, Alappuzha, on recent trends in smart grid systems and Er. Ajit G Paul, Founder, Digital i2o, on digital twin capabilities for smart grid transformation. The second day included sessions by Dr. Manas Kumar Jena, IIT Palakkad on the impact of high penetration of inverter-based generation on power system dynamics, control, and protection; Er. K. Madhana Mohan, Retd. Dy. Chief Electrical Engineer, Railways on the role of synchro-phasor technology in wide area monitoring, protection, and control; and Er. Nobin Mathew, Director, Energy IoT Division at Kalkitech, on the orchestration of distributed energy resources for grid support. A panel discussion was also held. The valedictory session was chaired by Er. A V Rajappan, Chairman-IEI Palghat Local Centre and Dr. Leena N, Advisor-IEI(Electrical) Student chapter briefed the attendees on the two-day seminar. Dr. Nisha A S, Joint Secretary of the IEI Palakkad Local Centre, proposed the vote of thanks.

Details of the Sessions:

INAUGURAL SESSION

6th September, 2024 : **The seminar commenced at 10 am with a solemn moment of reflection.** A prayer was offered, followed by a moment of silence to honor the victims of the tragic Wayanad landslide.

Er. A V Rajappan, the esteemed Chairman of the IEI Palakkad Local Centre, extended a warm and welcoming address to the distinguished gathering. His words were imbued with a sense of enthusiasm and anticipation for the insightful discussions that lay ahead. He emphasized the significance of the seminar as a platform for knowledge sharing, networking, and professional growth within the field of electrical engineering.

The presidential address was delivered by Dr. N. Rajeev, the Principal of NSS College of Engineering, Palakkad. A renowned academic expert, Dr. Rajeev provided a thought-provoking overview of the evolving landscape of electrical engineering. He highlighted the critical role of innovation and technological advancements in addressing the challenges and opportunities presented by the energy transition. His address inspired the audience with his passion for the field and his vision for the future.

Dr. Sujith S, a distinguished Professor in the Department of Electrical Engineering at NSSCE, delivered a comprehensive preview of the two-day seminar. He skillfully outlined the key themes and topics that would be explored throughout the event. Dr. Sujith's presentation provided a valuable roadmap for the attendees, enabling them to anticipate the discussions and insights that would be shared.

The inaugural address was delivered by Er. C. Rethi Nair, the General Manager at SRLDC, Grid Controller of India Limited. A seasoned professional with extensive experience in the power industry, Er. Rethi Nair offered a unique perspective on the challenges and opportunities facing the Indian power grid. He discussed the critical role of electrical engineers in ensuring the reliability, efficiency, and sustainability of the nation's energy infrastructure. His address was both informative and inspiring, providing valuable insights into the current state of the power sector.

Following the inaugural address, a significant ceremonial event took place. Er. A Keshavan, the esteemed IE(I) Chairman, handed over a commemorative souvenir to the Chief Guest. This gesture was a token of appreciation for their presence and contribution to the seminar. The Chief Guest, in turn, received the souvenir from the Principal of NSSCE, symbolizing the collaboration between academia and industry.

To further honor the Chief Guest's participation, Er. A V Rajappan presented a memento. This gesture was a tangible expression of gratitude for their valuable contributions and support. The presentation of the memento was a highlight of the inaugural session, reinforcing the importance of recognizing and appreciating the efforts of individuals who contribute to the advancement of the field.

The inaugural session concluded with a heartfelt vote of thanks proposed by Dr. Rajesh Menon B., the Honorary Secretary of the IEI Palakkad Local Centre. He expressed his gratitude to all the distinguished guests, speakers, and attendees for their participation and contributions. His words were a fitting end to a successful and inspiring inaugural session, setting the stage for the insightful discussions and networking opportunities that would follow.

The keynote address, delivered by Er. C. Rethi Nair, marked the official commencement of the seminar. This address provided a thought-provoking introduction to the central themes and topics that would be explored throughout the event. Er. Rethi Nair's insights and expertise set the tone for the subsequent discussions, inspiring the attendees to engage in meaningful dialogue and exchange ideas.

Day 1 Technical Session

Session 1 - Topic: Smart Grids and their development in India

Resource person	Er. C. Rethi Nair
Credential	General Manager at SRLDC, Grid Controller of India Limited
Contact mail	nair.rethi@gmail.com, nair.rethi@grid-india.in

The first technical session was presented by Er. C Rethi Nair, General Manager at SRLDC, Grid Controller of India Limited. The session emphasized on the development of smart grids in India. Dr. C Rethi Nair provided a comprehensive overview of this emerging technology and its potential to revolutionize the country's energy landscape.

The key take-aways from the session were that Smart grids are advanced power grids that integrate advanced communication, automation, and information technologies. They offer numerous benefits, including improved energy efficiency, reduced losses, enhanced grid stability, and greater integration of renewable energy sources. The transition from traditional SCADA systems to PMU-based WAMS and from SEM meters to smart meters was also discussed and analysed. Artificial Intelligence (AI) and the Internet of Things (IoT) playing crucial roles in smart grid operations was the highlight of the event.

Er. C Rethi Nair also emphasized that India has made significant progress in adopting smart grid technologies, with initiatives such as the National Smart Grid Mission and the deployment of PMUs, smart meters, and renewable energy integration.

She also mentioned that while the benefits of smart grids are substantial, challenges such as investment costs, cybersecurity concerns, and regulatory frameworks need to be addressed to fully realize their potential.

The seminar provided a valuable overview of the current state and future prospects of smart grids in India. The insights gained from the presentation are crucial for understanding the potential of this technology in addressing the country's energy challenges and building a more sustainable and resilient power grid. As India continues to invest in smart grid technologies, it is poised to reap the benefits of a more efficient and reliable energy infrastructure.

Session 2 - Topic: Recent Trends in Smart Grid Systems: Overview of Distribution Management

Resource person	Er. R Ramar
Credential	Deputy Director, National Power Training Institute, Allapuzha
Contact mail	ramar.npti@gov.in

The second technical session, "Recent Trends in Smart Grid Systems: Overview of Distribution Management" was presented by Er. R Ramar, Deputy Director, National Power Training Institute, Alappuzha .

The session delved into the critical role of Advanced Distribution Management Systems (ADMS) in addressing the multifaceted challenges faced by the energy sector in the 21st century. As the demand for electricity continues to rise, driven by factors such as urbanization, industrialization, and the proliferation of electric vehicles, existing power grids are facing increasing strain. ADMS, a comprehensive software platform, provides a range of functionalities to optimize grid operations, enhance reliability, and ensure a sustainable energy future.

Key features of the session included network modeling, data management, advanced analytics, and integration with existing systems. By accurately representing the distribution network, as explained by Er. R Ramar, ADMS enables efficient data collection and analysis, facilitating informed decision-making.

Additionally, the integration of ADMS with existing systems like Supervisory Control and Data Acquisition (SCADA) and Outage Management Systems (OMS), were also discussed.

Through these functionalities, the session explored ADMS as it offers a multitude of benefits, including improved grid reliability, enhanced operational efficiency, reduced energy losses, and better asset management.

Session 3 - Topic : Digital twin capabilities for smart grid transformation

Resource person	Mr.Ajit Paul
Credential	Digital Twin Capabilities for smart grid transformation
Contact mail	ajit.paul@digitali2o.com

The third technical session, "Digital twin capabilities for smart grid transformation", presented by Er.Ajit Paul, Founder, Digital i2o (Insights-to-Outcomes), Global EDISON Alliance nominee for Industry 4.0 initiatives.

The session offered a comprehensive overview of the transformative potential of Digital Twin technology in the context of Smart Grids. By providing real-time monitoring, predictive maintenance, enhanced decision-making, and improved resilience, Digital Twins offer unprecedented capabilities for grid management. Key Insights included Real-time Monitoring and

Predictive Maintenance, Customer Engagement and Demand Response which were very essential from the digital twin point of view.

The key Benefits of Digital Twin Technology for Smart Grids such as increased efficiency, enhanced reliability, improved resilience and data driven decision making were also analysed critically. However, Challenges relating to the same such as high initial cost, data breach, cybersecurity were also analysed and discussed.

As India's energy landscape evolves, investing in Digital Twin technology is crucial for achieving sustainable energy goals and meeting the challenges of a growing and complex energy system. By leveraging the capabilities of Digital Twins, Indian utilities can enhance grid efficiency, reliability, and resilience, while also improving customer satisfaction and supporting the integration of renewable energy sources.

Day 2 Technical Session

Session 4- Topic: Impact of High Penetration of Inverter based Generation on Power System Dynamics, Control and Protection

Resource person	Dr. Manas Kuma
Credential	IIT Palakkad
Contact mail	mkj@iitpkd.ac.in

The first technical session for Day-2, "Impact of High Penetration of Inverter based Generation on Power System Dynamics, Control and Protection", was led by Dr. Manas Kumar, IIT Palakkad.

The global drive to reduce carbon emissions has led to a surge in the adoption of renewable energy sources (RES) as alternatives to traditional fossil fuels. While RES offer numerous benefits, their integration into the electrical grid presents unique challenges, particularly those associated with inverter-based resources (IBRs). The seminar explored the implications of IBR dominance on grid operation, focusing on the loss of natural inertia and potential impacts on legacy protection schemes.

The key Challenges of IBR Integration addressed in the session included Loss of Natural Inertia and Impacts on Legacy Protection Schemes. Traditional protection schemes designed for synchronous generator-dominated grids was not optimally suited for IBR-dominated systems. This could, hence, lead to challenges in fault detection, isolation, and system restoration.

To mitigate the challenges posed by IBR integration, several solutions were explored through the session such as Synthetic Inertia, Virtual Synchronous Machines (VSMs) and Wide-Area Control Systems (WACS).

The successful integration of IBRs into the power grid is essential for achieving a sustainable and decarbonized energy future. By addressing the challenges associated with the loss of natural inertia and potential impacts on legacy protection schemes, utilities can ensure a reliable and stable grid operation. Through this session, grid modernization, and integration of IBRs were hence explored in the most effective manner.

Session 5 - Topic: Role of Synchro phasor technology in wide area monitoring, Protection and Control

Resource person	Er. Nobin Mathew
Credential	Director Energy IoT Division at Kalkitech
Contact mail	nonobin.mathew@kalkitech.com

The fifth session, led by Er. Madhana Mohan, Retired Deputy Chief Electrical Engineer from Railways, explored the significant impact of synchro phasor technology on wide area monitoring, protection, and control of power grids. Synchro phasor technology, which utilizes GPS time-synchronized measurements from Phasor Measurement Units (PMUs), plays a critical role in real-time monitoring of voltage and current phasors across large geographical areas. This advanced technology allows operators to assess grid stability, detect faults quickly, and optimize grid operations, ultimately reducing energy losses and improving resource allocation. With over 1,400 PMUs installed in India's grid, covering more than 80% of the power network, the session highlighted the increasing adoption of synchro phasor technology in the country. Er. Madhana Mohan provided insights into how this technology enhanced grid resilience, facilitated the integration of renewable energy sources, and bolsters grid cybersecurity by detecting and responding to cyber threats in real time. Participants learnt how synchro phasor technology ensures reliability, efficiency, and sustainability in modern power grids, making it a critical tool in wide area grid management.

Session 6 - Topic: Orchestration of Distributed Energy Resources for Grid Support

Resource person	Er. Madhana Mohan
Credential	Retd. Dy. Chief Electrical Engineer Railways

The sixth session, presented by Er. Nobin Mathew, Director of the Energy IoT Division at Kalkitech, explored the orchestration of Distributed Energy Resources (DER) for enhanced grid support. As the energy landscape rapidly evolves, DER orchestration—incorporating solar PV, battery energy storage, and controllable loads such as air conditioning and EV chargers—becomes critical for Distribution System Operators (DSOs) and energy retailers. This session covered the integration of DER sites with Energy Storage Systems (ESS) and EV chargers using the IEEE 2030.5 protocol to facilitate centralized communication between DER management systems and market-facing applications. Key industry trends were discussed, focusing on remote monitoring, control of DER assets, and the role of standardized protocols in simplifying integration across multiple Original Equipment Manufacturers (OEMs). The presentation also addressed important factors such as control command primacy, cybersecurity, message models for market participation, and scalability for future grid support services. This session aimed to provide insights into how DER orchestration can alleviate network constraints and support the growing demands of modern energy markets.

VALEDICTORY SESSION

The valedictory session commenced with a welcome address by Er. A V Rajappan, Chairman, IE(I) Palghat Local Centre. A brief of the two day seminar was presented by Dr. Leena N, Advisor, IE(I) (Electrical) Student chapter. She summarized the highlights of the program, recapping the key takeaways and insights shared during the session. The session concluded with a vote of thanks by Dr. Nisha A S, Joint Secretary, IE(I) Palghat Local Centre, who expressed her gratitude to the guests, speakers, and delegates /participants for their active participation and engagement. She also acknowledged the efforts of all those who contributed to the program's success.

EVENT PHOTOGRAPHS



Chief guest - Er. C Rethi Nair , Er. A V Rajappan , Dr. Rajesh Menon B , Dr. Rajeev N , Dr. Saju N and all other delegates being welcomed to the Two-day National seminar



Group photo of the panel of delegates and dignitaries present at the seminar







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PALAKKAD – 678008, KERALA, INDIA

ARDUINO WORKSHOP

Name of the Centre	NSS College of Engineering, Palakkad
Title of the Program	Arduino workshop
Program date	6 th October 2025
Program Time	9:00 AM TO 4:00 PM
Associate Organization (If any)	IETE Palakkad Centre
No of Participants	17
No of volunteers	2

SESSION REPORT

The “Arduino Programming Workshop” was held on October 6th, from 9:00 AM to 5:00 PM, providing an insightful learning experience for all participants. The session, led by the esteemed speaker Sir Suresh P, aimed to familiarize participants with the basics of Arduino programming, ESP8266, and its applications in wireless technology. The workshop began with a brief introduction by the speaker, who welcomed the participants to the event. The speaker introduced the participants to the fundamental principles of Arduino programming and its wide range of applications in various projects.

EVENT PHOTOGRAPHS



EVENT PARTICIPANTS LIST

SL NO	NAME	YEAR	DEPT
1	Milena C	3	EEE
2	SHWEDHA R NAIR	3	EEE
3	Sivani. K. S	3	EEE
4	S Nakshathra	3	EEE
5	Prajisha G	3	EEE
6	Adarsh A	3	EEE
7	Venkatesh p h	2	EEE
8	Azeem F	3	EEE
9	FATHIMA FIDHA M	3	EEE
10	Adithyan Remesh	3	EC
11	E K Ramakrishnan	3	EEE
12	Haripriya.H	3	EEE
13	ABHIJITHA	2	EC
14	Anshif.k	3	EEE
15	VISHWAJITH K	2	EEE
16	Aiswarya B	3	EC
17	Pooja Sasi	3	EEE



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ELECTRICAL STUDENTS CHAPTER, NSS COLLEGE OF ENGINEERING

PALAKKAD – 678008 , KERALA , INDIA

CHRISTMAS CRYPTEX

Program Centre	Nss College Of Engineering
Program Date	13 th December 2024
Program Time	12.30 Pm - 2:00 Pm
Number of Participants	28
Number of Coordinators	6

CHRISTMAS CRYPTEX, was successfully organized by IE(I) ELECTRICAL CHAPTER NSSCE, on DECEMBER 13, 2024.

The event aimed to blend the festive spirit of Christmas with engaging problem - solving activities to stimulate critical thinking and logical reasoning. The event commenced with a warm welcome address, followed by a brief overview of rules. The event was aimed at first year students only. The program centred around solving a series of cryptic puzzles. Participants worked in teams to unlock clues hidden in the Cryptex.

About 28 students participated, with two members in each team. The program had three levels. Initial level, the icebreaker, had 15 questions based on verbal and non -verbal reasoning with no time limit. Out of 14 teams ,10 teams were selected for the second level. The second level, fastest team first, had 7 questions based on logical reasoning and both verbal and non -verbal reasoning with a limit of 1 minute. The final level, the Christmas cryptex , contained only a single question for the 4 final teams. This level provided each team with 2 chances. And whomsoever wrote the answer correctly was termed the winner. Team “THE DUO” won the first prize.

EVENT PHOTOGRAPHS





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CONNECT'24- ORIENTATION PROGRAMME

Programme Centre	Nss College Of Engineering
Date: 17 th December 2024	Time: 3.30pm - 4.30pm
Number Of Participants	51

CONNECT'24 an orientation program for the students of first year Electrical and Electronics department was successfully conducted by IE(I) ELECTRICAL CHAPTER NSSCE on December 17, 2024 at E-ONE Hall at NSS College of Engineering, Palakkad.

Dr. Leena N, Staff Advisor IE(I) ELECTRICAL CHAPTER NSSCE gave the Staff Advisor's note. She elaborated on the benefits and opportunities provided by the club. In the one-hour session all the previous activities and achievements of the club were discussed through a power point presentation. The presentation emphasized the impressing journey of the club highlighting its growth and contributions over the years with the help of its members and volunteers. It was then followed by the prize distribution of CHRISTMAS CRYPTEX, the aptitude competition held on December 13 2024. The winners were awarded certificates in recognition of their amazing performances.

The core element of the event was an informative resume building session led by Nandana Jayakumar, Creative Lead of IE(I) ELECTRICAL CHAPTER NSSCE. The session provided valuable tips and guidance for creating impactful resumes. It also provided clarity for the students on how to effectively prepare their resumes tailored to various opportunities.

At the end of the session the students got a clear idea on the journey and opportunities of the club. The event was a huge success indeed with active participation from the students and their positive feedback on the session.

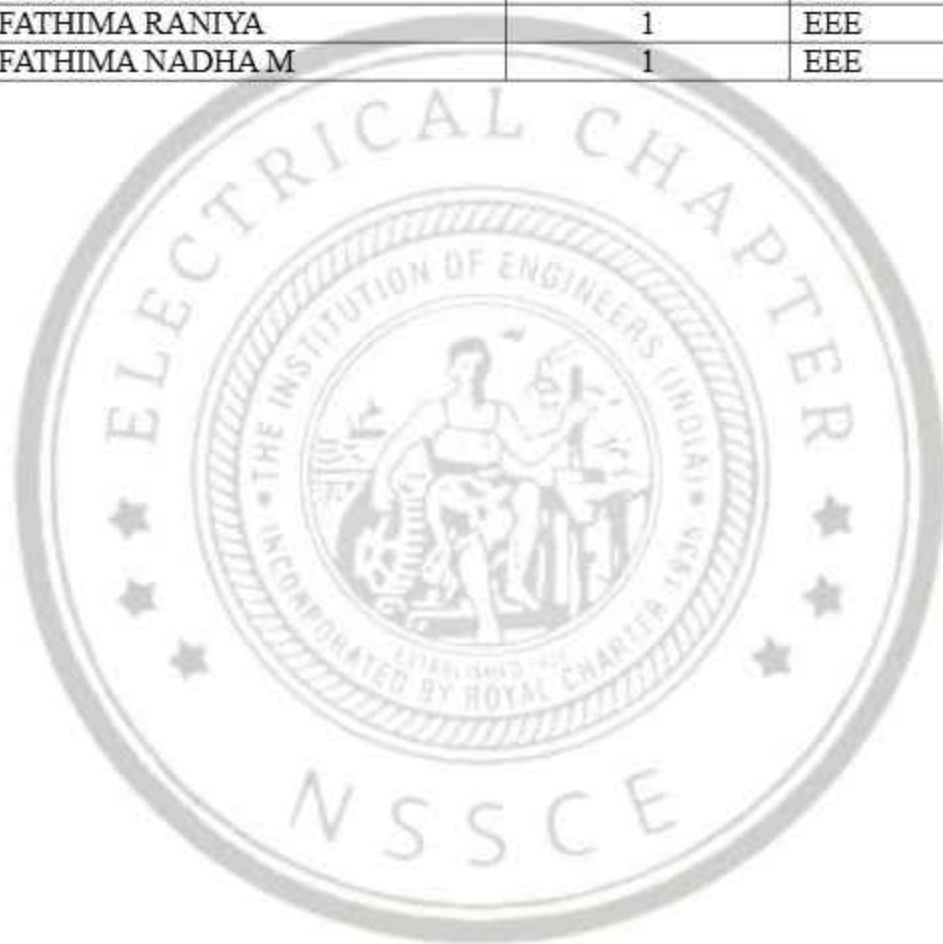
EVENT PHOTOGRAPHS



PARTICIPANTS LIST

SL NO.	NAME	YEAR OF STUDY	DEPARTMENT
1	ARCHANA M	1	EEE
2	ARUN M	1	EEE
3	ANTO ANTONY	1	EEE
4	ANJANA G	1	EEE
5	DEVIKA R	1	EEE
6	ANAVADYA K C	1	EEE
7	DEVA NANDAN A	1	EEE
8	ARYA S	1	EEE
9	DEVIKA JAYAPRAKASAN K	1	EEE
10	AJAY MARUL	1	EEE
11	MUHAMMED RIZIL	1	EEE
12	ADITHYA SURESH	1	EEE
13	EMADUDHEEN C V	1	EEE
14	FATHIMA SITHARA C K	1	EEE
15	DHARSHAN M	1	EEE
16	AMEESHA V S	1	EEE
17	AISHWARYA VALSAN	1	EEE
18	FATHIMA NOOBIYA	1	EEE
19	ABHISHEK UMESH C	1	EEE
20	CHANDRAKANTH C N	1	EEE
21	AFRIN K V	1	EEE
22	ADHITHYA UNNI	1	EEE
23	GEETHU MADHAV	1	EEE
24	ABHISHEK U	1	EEE
25	DEVANARAYANAN M	1	EEE
26	DEVANANDANA V MENON	1	EEE
27	FATHIMA RIFA V	1	EEE
28	DARSHAN SHOTH KRISHNAN	1	EEE
29	SHIVANI VASUDEVAN	1	EEE
30	RINSANA B	1	EEE
31	SHREYA BIJESH	1	EEE
32	ASAMS P D	1	EEE
33	MUHAMMED SANEEN M	1	EEE
34	SANJAY K V	1	EEE
35	SREYA S	1	EEE
36	ABHIRAMI R	1	EEE
37	ADIL SAFEER K K	1	EEE
38	ABHINAV KRISHNA	1	EEE
39	ESSABELLA VINOD	1	EEE

40	AMARNATH V P	1	EEE
41	VRINDA PARVEEN	1	EEE
42	MOHAMAD SAFVAN	1	EEE
43	SHAHANA C U	1	EEE
44	PRANAV VINOD	1	EEE
45	RISHIK R R	1	EEE
46	MUHAMMED IBRAHIM	1	EEE
47	KRISHNA P S	1	EEE
48	SANJOS TOMY A	1	EEE
49	FATHIMA DILNA	1	EEE
50	FATHIMA RANIYA	1	EEE
51	FATHIMA NADHA M	1	EEE





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PALAKKAD – 678008 , KERALA , INDIA

FUSION 360 WORKSHOP

Name of the Centre	NSS College of Engineering, Palakkad
Title of the Program	Fusion 360 workshop
Program date	17 JANUARY ,2025
Program Time	1:00 PM TO 4:00 PM
No of Participants	38
No of volunteers	2

SESSION REPORT

Session Brief: A hands-on workshop on Fusion-360, a ladder for 3D design was successfully conducted by IE(I) Students Chapter NSSCE on 17th January 2025 to give an introduction and a detailed discussion on Fusion 360 which is a powerful 3D CAM/CAD software that supports 3D printing. The session was handled by Sanal Sreekumar along with Vipin P V.

The workshop mainly focused on the Autodesk Fusion software to design prototypes and to leverage 3D designs for practical applications. Fusion 360 is an all in one 3D design, engineering and stimulation software that combines CAD, CAM and CAE tools for prototyping and manufacturing. It was an interactive session which gave opportunities for networking with experts.

The discussions on 3D printing was done by Vipin from EEE and Fusion 360 and 3D printing was conducted by Sanal from ME, NSSCE . 38 Students from various departments participated in the workshop. The workshop received an excellent feedback from the participants, highlighting in particular the interaction between the session handlers and participants

EVENT PHOTOGRAPH(S):



PARTICIPANT LIST

S/no	Name	Designation	Organization
1.	Arpith Ashok	S6ME	NSSCE
2.	Adhiya V	S4EE	NSSCE
3.	Sreyas M	S6ME	NSSCE
4.	Noufal Rasheed H	S6ME	NSSCE
5.	Vrinda	S4EE	NSSCE
6	Nandhana Panniyath	S6EE	NSSCE
7	Karthik K	S6EE	NSSCE
8	Nikha Lakshmi M	S4EE	NSSCE
9	Akhila T	S4EE	NSSCE
10	Ridul M	S6ME	NSSCE
11	Pranav Govind	S4EE	NSSCE
12	Sidharth M Nair	S4EE	NSSCE
13	Krishna Satheesh	S4EE	NSSCE
14	Vaishak M	S4ME	NSSCE
15	Adithya P B	S4EE	NSSCE
16	Deeksha K	S4EE	NSSCE
17	Navaneeth Jayaprakash	S4ME	NSSCE
18	Immanuel Geever	S4ME	NSSCE
19	K V Kailasnath Nair	S4ME	NSSCE
20	Jacob Shaju	S4ME	NSSCE
21	Prasad S	S4ME	NSSCE
22	Dhiya K U	S4EE	NSSCE
23	Bhagyalekshmi S	S4EE	NSSCE
24	Jaza Rahman A V	S4EE	NSSCE
25	Devananda Devarajan	S6EE	NSSCE
26	E H Akshay	S6EE	NSSCE
27	Aathish	S4EE	NSSCE
28	Abhijith K	S4EE	NSSCE
29	Hariprasad S	S4EE	NSSCE
30	Akshay V	S6EE	NSSCE
31	Abay P	S6EE	NSSCE
32	Irfan Thaha	S6EE	NSSCE
33	Vignesh M G	S4ME	NSSCE
34	Arjun M	S4ME	NSSCE
35	Ebin Peeyus	S4ME	NSSCE
36	Aswin Kumar A	S6ME	NSSCE
37	Rajeesh C R	ME	NSSCE
38	Niranjan M	ME	NSSCE



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KI CAD WORKSHOP

Name of the Centre	NSS College of Engineering, Palakkad
Title of the Program	KI CAD workshop
Program date	25 JANUARY
Program Time	9:30 AM TO 4:30PM
No of Participants	31
No of volunteers	2

SESSION REPORT

Session Brief: A hands-on workshop on KI CAD, a ladder for 3D design was successfully conducted by IE(I) ELECTRICAL CHAPTER, NSSCE on 25th January 2025 to give an introduction and a detailed discussion on KI CAD software. The session was handled by Abhiraj V S, an alumni of NSS COLLEGE OF ENGINEERING.

The workshop provided participants with hands-on experience in using the KiCad suite of software for designing printed circuit boards (PCBs). The session included the following topics: Introduction to KiCad: Overview of the KiCad and its capabilities for schematic capture, PCB layout.

The goal of the workshop was to equip participants with the skills and knowledge necessary to design their own PCBs using KiCad.

EVENT PHOTOGRAPHS



PARTICIPANTS LIST

Slno	Name	Year of Study	Department
1.	PD Asams	1	EEE
2.	Sreelakshmi R	1	EEE
3.	Mohammed naheem m	1	EEE
4.	Sona Susan Mathew	1	EEE
5.	Sri Lakshmi P	1	EEE
6.	Manjima K K	1	EEE
7.	Adithya Unni C	1	EEE
8.	GEETHU MADHAV	1	EEE
9.	ADHIN SIJO G S	1	EEE
10.	Devanarayanan.m	1	EEE
11.	Aadhidev	1	EEE
12.	Resika P P	1	EEE
13.	Ameesha VS	1	EEE
14.	Vaishak M	1	EEE
15.	Abhirami R	1	EEE
16.	RINSANA B	1	EEE
17.	Uma O R	1	IC
18.	Swathy A	1	EEE
19.	Sreya S	1	EEE
20.	Adithya Suresh	1	EEE
21.	ABHIJITH G	1	EEE
22.	Fathima Sithara ck	1	EEE
23.	Arundhathy S	1	IC
24.	Ajay M Arul	1	EEE
25.	FATHIMA NOOBIYA	1	EEE
26.	Fathima Rifa v	1	EEE
27.	Ayisha Rifa KV	1	EEE
28.	Anagha George	1	EEE
29.	Devika K S	1	EEE
30.	Rinfa A	1	EEE
31.	Muhammed Rizil	1	EEE



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EXPLORING PROJECT MANAGEMENT:

A CAREER PATH FOR ENGINEERS

Name of the centre	NSS College Of Engineering Palakkad
Date of the program	22 February 2025
Time of the program	10 am to 12 pm
Session handled by	Shri. S Jayakrishnan, IRSEE
Number of participants	121

The IE(I) STUDENTS CHAPTER NSSCE successfully organized an insightful technical talk session “Exploring Project Management: A Career Path for Engineers” on 22nd February 2025, at the PTIB Seminar Hall. The event aimed at providing engineering students with industry insights, was led by Shri. S Jayakrishnan, Additional Divisional Railway Manager (ADRM), Palakkad Division of Southern Railways.

The session began with an introduction by the organizing team, setting the stage for an engaging discussion. The event highlighted how decisions shape the future, emphasizing project management as a valuable career path for engineers. Pointing out the significance of planning, he expanded on Benjamin Franklin’s well-known quote, “If you fail to plan, you are planning to fail.”

Shri. S Jayakrishnan, a seasoned professional with over 37 years of experience in Indian Railways, also shared his vast expertise on project management in the railway sector. He elaborated on infrastructure development, electrification projects, and railway operations, offering valuable insights into the challenges and opportunities in managing large-scale engineering projects. His discussion covered his experiences in railway electrification projects, track doubling works, and his role in PM-GATI Shakti National Master Plan, highlighting the importance of strategic planning, execution, and technological advancements in engineering projects. He also emphasized the significance of engineers in nation-building.

The talk was interactive, with students eagerly participating in the Q&A segment. Shri. Jayakrishnan addressed their queries on career opportunities, skill development, and the future of railway engineering, leaving students with a deeper understanding of the field. The event was a huge success with active participation from the students and their positive feedback on the session.

EVENT PHOTOGRAPHS



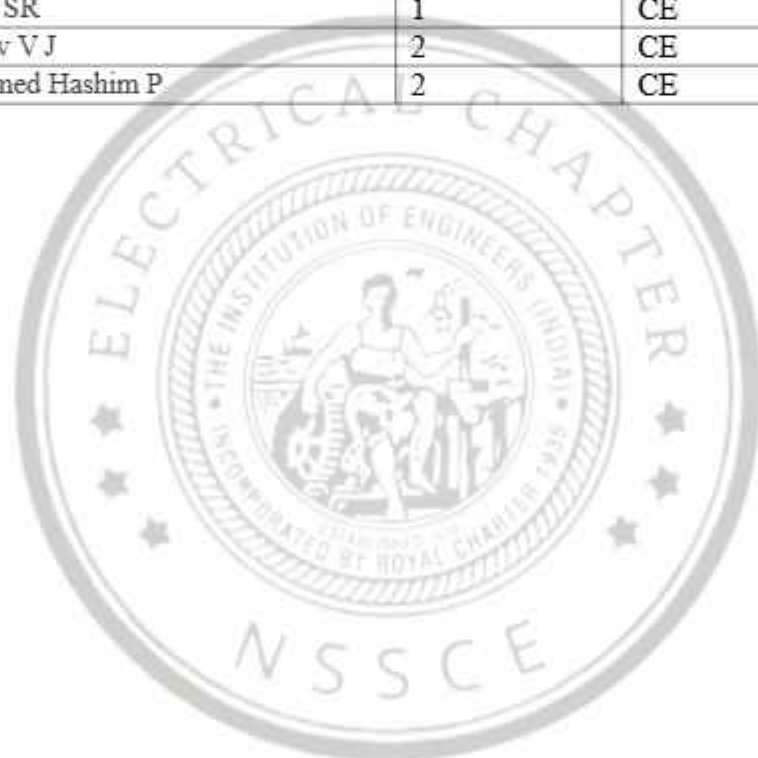


PARTICIPANTS LIST

SL NO.	NAME	Year of Study	Department
1	ABHIJITH G	1	EEE
2	ABDUL MUSAVVIR T	1	EEE
3	AFRIN K V	1	EEE
4	BRITTO.BABU	1	EEE
5	DARSHITH K H	1	EEE
6	ALFIN THOMAS ISAAC	1	EEE
7	SRI LAKSHMI P	1	EEE
8	ABIJITH V	2	EEE
9	HARIKRISHNAN SANTHOSH	2	EEE
10	VAISHNAV VS	2	EEE
11	PRANAV GOVIND	2	EEE
12	SIDHARTH M. NAIR	2	EEE
13	J PADMAPARVATHY	2	EEE
14	NAVANEETH P	2	EEE
15	KIRAN V A	2	EEE
16	MOHAMMED NASEEF C	2	EEE
17	NANDANA G	2	EEE
18	KRISHNA J	2	EEE
19	PRATYUSH T	2	EEE
20	SREEDEVIP	2	EEE
21	ADARSH A	3	EEE
22	ADITYA R	3	EEE
23	VISHNU S	3	EEE
24	NANDHANA KRISHNAKUMAR	3	EEE
25	M.B. ATHUL	3	EEE
26	NAVAJYOTH SATHEESH C	3	EEE
27	MADHUMITHA HARIDAS	3	EEE
28	BHAGYASREE N	4	EEE
29	NIMISHAN	4	EEE
30	PRIYAMVADA R	4	EEE
31	NANDANA JAYAKUMAR	4	EEE
32	NANDANA SIVADASAN	4	EEE
33	PRAMITH C	3	ME
34	KV KAILASNATH NAIR	2	ME
35	ANUPAM NAIR	3	ME
36	ANUJITH K R	3	ME
37	SUJIN S	3	ME
38	ASWINDEV VH	2	ME
39	KARTHIKA J	4	ME
40	JINU JAYACHANDRAN JK	4	ME
41	AISWARYA C	4	ME
42	SREEHARI SANKAR	4	ME
43	B HARI	4	ME
44	SREENATH	4	ME
45	HISANA	4	ME
46	ANANTHA KRISHNAN M A	2	ME
47	ASTIN SABU VARGHESE	4	ME
48	SIDHARTH V	4	ME
49	HARIKRISHNAN V	4	ME

50	HRISHIKESH S	4	ME
51	KRISHNENDU S	2	ME
52	ABHIRAMKRISHNA	2	ME
53	SANJAY M	4	ME
54	MAHADEVAN B	4	ME
55	AMAL M	2	ME
56	MUHAMMED SHAFEEH T	4	ME
57	SUNEESH S	3	ME
58	AKSHAY M	4	ME
59	ALEX ANTONY K R	2	ME
60	ROSHITH KK	4	ME
61	ADHARSH SAGAR O	4	ME
62	ANIRUDH R	1	ME
63	FATHIMA FASMIN	1	ME
64	FAREEDA RAHIM	1	ME
65	JABIN MUHAMMED	4	ME
66	MOHAMMED SHAN	4	ME
67	NAZAL MUHAMMED	1	ME
68	MUHAMMED RAMZAN	1	ME
69	MOHAMED FARSHAN	1	ME
70	NIDHIN PARASANTH	1	ME
71	MOHAMMED SAFUVAN	1	ME
72	AASHIKA KUMAR K	1	ME
73	GAYATHRI GOPAN	1	ME
74	AKBAR ALI M	1	ME
75	MOHAMED FARSHAN	1	ME
76	ASWIN V	1	ME
77	DRUVAA VINOD	1	ME
78	NAMITHA A S	3	ME
79	SURYAPRASAD	3	ME
80	Sneha P	2	CE
81	Theres Villy	2	CE
82	Polo Babu	2	CE
83	Norah Anna Rijo	4	CE
84	Lodrey Gyeltsen	1	CE
85	K F Shahul Hameed	4	CE
86	Nandana A S	1	CE
87	Abin Jose J	1	CE
88	Tarh Olo	1	CE
89	Ganga Ps	1	CE
90	Vishnu M	1	CE
91	Bharath C R	1	CE
92	Anjana P. R	1	CE
93	Devika M	1	CE
94	Anushka Dileep	1	CE
95	Keerthana. C. K	1	CE
96	Aarabhi B	1	CE
97	Anusree K P	1	CE
98	Navami R	1	CE
99	Angel Antony	1	CE
100	Vishnunadh. A	1	CE
101	Fathima Mehrin P V	1	CE
102	Fahmi Najath V	1	CE

103	Hanna Fathima	1	CE
104	Divya K V	1	CE
105	Hina K	1	CE
106	Aswathi K	1	CE
107	Abhishek B	1	CE
108	Anil M K	1	CE
109	Anchima K M	1	CE
110	Athira K V	1	CE
111	Ajay Krishna	1	CE
112	Abhishek K S	1	CE
113	Anjali K V	1	CE
114	Abhina. P	1	CE
115	Dharsana B	1	CE
116	Achal Manoj	1	CE
117	Sujith S	1	CE
118	Devapriya K	1	CE
119	Aswathi SR	1	CE
120	Suryadev V J	2	CE
121	Muhammed Hashim P	2	CE





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INDUSTRIAL VISIT TO PORINGALKUTHU DAM

Name of centre	Poringalkuthu Dam Thrissur
Title of program	Industrial visit
Program Date	1 st March 2025
No. of Participants	43
Program time	12 PM to 2 PM

The industrial visit to the Poringalkuthu Dam, Thrissur, assiduously coordinated by IE(I) Electrical Chapter NSSCE, provided an invaluable learning experience for all participants. The visit offered a comprehensive insight into the operation and management of a major hydroelectric power plant.

The day commenced with a detailed briefing on the Poringalkuthu Hydroelectric Project. Expert Engineers provided an overview of the dam's construction, its role in water resource management, and its contribution to the state's power generation. A thorough explanation of the hydroelectric power generation process was given, encompassing the principles of water flow, turbine operation, and electricity generation. This foundational understanding was crucial for the subsequent tour.

Participants were taken to the heart of the power plant, witnessing the operational aspects of the hydroelectric system directly. We were led through the turbine yards, observing the massive turbines and generators in action. The complexities of water flow regulation and the intricacies of energy conversion were comprehensively demonstrated.

A significant portion of the tour was dedicated to the electrical infrastructure. We were shown the intricate network of feeders and control panels, essential for managing and distributing the generated electricity. Experts explained the function of each component, highlighting the importance of precise control and monitoring in ensuring well-organized and consistent power supply. The opportunity to view the inner workings of the machines, including the rotor and stator, provided a deeper understanding of the mechanical and electrical integration within the plant.

The visit also emphasized the importance of safety and maintenance in a hydroelectric power plant. We were briefed on the safety protocols and the regular maintenance procedures that ensure the longevity and efficiency of the facility. The professionals present were enthusiastic to answer questions and explain the challenges faced in maintaining such a large scale operation.

The industrial visit to Poringalkuthu Dam was not merely an observational experience; it was an educational journey that provided practical insights into the complex workings of a hydroelectric power plant. The opportunity to engage with industry professionals and seek their guidance was highly beneficial. The visit successfully achieved its objective of providing a comprehensive and practical learning experience, strengthening the connection between academic study and real-world application.

EVENT PHOTOGRAPH



EVENT PARTICIPATION LIST

Sl.No.	NAME	CLASS	ORGANIZATION
1	ADITYA	S6 EA	NSS College of Engineering
2	AKSHAY B	S6 EA	NSS College of Engineering
3	AKSHAY E H	S6 EA	NSS College of Engineering
4	ANAMIKA K	S4 EA	NSS College of Engineering
5	ANUSHA	S4 EA	NSS College of Engineering
6	ASWEN R	S6 EA	NSS College of Engineering
7	ATHUL KRISHNA P	S6 EA	NSS College of Engineering
8	B SANJAY	S6 EA	NSS College of Engineering
9	BHAGYASREE	S8 EA	NSS College of Engineering
10	CHAITHRA C B	S4 EA	NSS College of Engineering
11	DEVANANDA DEVRAJAN	S6 EA	NSS College of Engineering
12	DEVIKA K VIJAY	S4 EA	NSS College of Engineering
13	HARIPRIYA H	S6 EA	NSS College of Engineering
14	KRISHNA	S4 EA	NSS College of Engineering
15	KRISHNA SATHEESH P	S4 EA	NSS College of Engineering
16	M B ATHUL	S6 EB	NSS College of Engineering
17	MADHUMITHA HARIDAS	S6 EB	NSS College of Engineering
18	MAYA P	S4 EB	NSS College of Engineering
19	MEERAKRISHNA R	S8 EB	NSS College of Engineering
20	MIDHUN NELLISSERY	S8 EB	NSS College of Engineering
21	NAKSHATRA	S6 EB	NSS College of Engineering
22	NANDANA G	S4 EB	NSS College of Engineering
23	NANDANA JAYAKUMAR	S8 EB	NSS College of Engineering
24	NANDANA M NAIR	S4 EB	NSS College of Engineering
25	NANDANA NARAYANAN	S6 EB	NSS College of Engineering
26	NANDHANA KRISHNAKUMAR	S6 EB	NSS College of Engineering
27	NANDHANA N	S6 EB	NSS College of Engineering
28	NASIF MOHAMMED	S4 EA	NSS College of Engineering
29	NAVAJYOTH SATHEESH	S6 EB	NSS College of Engineering
30	NEERAJA K	S4 EB	NSS College of Engineering
31	NIMA R	S6 EB	NSS College of Engineering
32	POOJA	S6 EB	NSS College of Engineering

33	PRAJISHA G	S6 EB	NSS College of Engineering
34	PRIYAMVADA	S8 EB	NSS College of Engineering
35	SANDRA SAJU C	S4 EB	NSS College of Engineering
36	SIDHARTH M NAIR	S4 EB	NSS College of Engineering
37	SIVANI K S	S6 EB	NSS College of Engineering
38	SNEHA R S	S4 EB	NSS College of Engineering
39	T B VISHNUPRASAD	S6 EB	NSS College of Engineering
40	VAISHNAV	S8 EB	NSS College of Engineering
41	VISHNU S	S6 EB	NSS College of Engineering
42	VISHNU S	S6 EB	NSS College of Engineering
43	VISHWAJITH	S4 EA	NSS College of Engineering





The Institution of Engineers (India)

ELECTRICAL CHAPTER, N.S.S COLLEGE OF ENGINEERING,
PALAKKAD – 678008, KERALA, INDIA

CAREER CONNECT

Name of the Centre	NSS College of Engineering, Palakkad
Title of the Program	Placement Talk
Program date	4 th MARCH
Program Time	2:00PM - 4:00PM
Associate Organization (If any)	PTIB NSSCE
No of Participants	96

CAREER CONNECT; a placement talk was conducted successfully by IE(I) Electrical chapter in association with PTIB NSSCE on MARCH 04 2025 at PTIB seminar hall. The session speakers were by N A Anjali, Uthara R who were placed recently at Alstom , Arya S in L&T, Meera Krishna in TCS and Nandhana Jayakumar in both L&T and TCS.

The event was a two-hour talk that included an interactive session. The session saw active participation from pre final year EEE students, followed by an engaging Q&A round where students clarified their queries regarding placements and career growth. The event proved highly informative, equipping attendees with valuable knowledge to prepare for their recruitment journey.

The topics discussed during the session included: How to crack aptitude tests; marking schemes and general topics of Group Discussions and how to prepare for that; how to prepare a Resume (what should be included and what should not); how to present yourself for an interview; what are the general questions in an interview and how to answer them. All the participants got a chance to know more about how the placements work and how to prepare themselves for the placements.

The event provided a valuable insight about the placements and definitely was a worthwhile experience for all the participants.

EVENT PHOTOGRAPHS:



PARTICIPANTS LIST

Sl. No.	NAME	CLASS	ROLL NO
1	TREESA NEHA BENNY	EEE B	163
2	MUHAMMAD NAHAN	EEE B	123
3	RINEESHA	EEE B	143
4	SREELAKSHMI VR	EEE B	154
5	MUHAMMAD SHIJAS	EEE B	118
6	RENJITH	EEE B	141
7	UMADEVI U	EEE B	164
8	JYOTHIS KRISHNA	EEE B	104
9	SURAMYA	EEE B	158
10	MUHAMMED HANAS	EEE B	122
11	ROHITH R	EEE B	144
12	SYAM PRASAD	EEE B	160
13	ADARSH A	EEE A	7
14	FATHIMA FIDHA	EEE A	53
15	ABDUL AZEEM F	EEE A	3
16	ABIJITH S	EEE A	6
17	ARPITH MOHAN	EEE A	31
18	A D AJAY	EEE A	1
19	ABHIRAJ K	EEE A	5
20	E K RAMAKRISHNAN	EEE A	51
21	AGARSH M	EEE A	13
22	ARYA K	EEE A	34
23	CYRUS SANTHOSH	EEE A	46
24	HANIF MOHAMED BIN YAHYA	EEE A	63
25	C V NIRANJAN	EEE A	45
26	ATHUL KRISHNA P	EEE A	38
27	ASWIN R	EEE A	36
28	ANUJITH S K	EEE A	28
29	B SANJAY	EEE A	41
30	ATHULYA KRISHNA	EEE A	39
31	AISWARYA S KUMAR	EEE A	14
32	APSARA E S	EEE A	29
33	ANAGHA A	EEE A	24
34	ARPITHA RAJAN	EEE A	32
35	AMRUTHA S KUMAR	EEE A	23
36	HARIPRIYA	EEE A	65
37	AKSHAY B	EEE A	18
38	ASWANTH	EEE A	35
39	AJITH RAJ	EEE A	16
40	LAKSHMI M G	EEE B	108
41	GREESHMA G	EEE A	62
42	FATHIMA ANSILA S A	EEE A	52
43	AJISHA V	EEE A	15
44	ALDRIN LAIJU	EEE A	21
45	SREERAG K S	EEE B	155
46	AKSHAY T S	EEE A	19

47	ABHINAV K R	EEE A	4
48	ADITH P	EEE A	9
49	JEFIN JOY	EEE A	70
50	NANDHUKRISHNA K	EEE B	129
51	JISHNU K	EEE A	71
52	BHVYA K S	EEE A	44
53	MOHAMMED SHIRAZ B	EEE B	119
54	VISHNURUTHAN P S	EEE B	172
55	SREEJITH PR	EEE B	152
56	M B ATHUL	EEE B	110
57	VASUDEV	EEE B	167
58	ARSHAK ALI	EEE A	33
59	JOEL GEORGE	EEE A	72
60	AKHIL PRAKASH	EEE A	17
61	AMAL KRISHNA	EEE A	22
62	AKSHAY V	EEE A	20
63	ABHAY	EEE A	2
64	JATHIN RAJ	EEE A	69
65	JASIR ABID	EEE A	67
66	AZCENEHEN	EEE A	40
67	VISHNU S	EEE B	170
68	SREERANJANA M B	EEE B	156
69	FATHIMA MEHRIN	EEE A	54
70	NIMA R	EEE B	134
71	VISHNU S	EEE B	171
72	ADARSH S NAIR	EEE A	8
73	ADITHYA R	EEE A	12
74	POOJA SASI	EEE B	135
75	NANDHANA KRISHNAKUMAR	EEE B	126
76	SHWEDHA R NAIR	EEE B	149
77	SREELAKSHMI C N	EEE B	153
78	RANIA HIBA NAUSHAD	EEE B	139
79	PURAT MALVIKA SANHOSH	EEE B	138
80	AJMAL R	EEE B	101
81	KARTHIK	EEE B	106
82	NANDHANA PANNIYATH	EEE B	128
83	SETHULEKSHMI R	EEE B	148
84	MILENA C	EEE B	115
85	SANA V K	EEE B	147
86	KEEERTHANA	EEE B	107
87	NANDHANA NARAYANAN	EEE B	125
88	T B VISHNUPRASAD	EEE B	161
89	ADTHYA C	EEE A	10
90	BARATH N R	EEE A	42
91	K RAHUL RAJ	EEE B	105
92	HABEEN V	EEE B	173
93	MUHAMED MURSHID	EEE B	121
94	VISHNU S	EEE B	169
95	NAHJAL PK	EEE B	124
96	MUFEEDHA NAHAN	EEE B	120



The Institution of Engineers (India)

ELECTRICAL CHAPTER, N.S.S COLLEGE OF ENGINEERING,
PALAKKAD – 678008, KERALA, INDIA

EMPOWER- GROUP DISCUSSION COMPETITION

Name of Venue	NSS College Of Engineering
Title of the Programme	Empower
Programme Date: 07th March,2025	Programme Time: 2.00 Pm
No. of Participants	26
No. of Volunteers	4

Empowered women empower the world. In light of the above statement, a group discussion competition was held, by IE(I) ELECTRICAL CHAPTER, NSSCE as a part of Women's day celebrations on 07th March,2025 from 2 pm to 4 pm. The event aimed to foster critical thinking, communication skills, and awareness about gender-related topics.

The competition brought together many individuals, divided into groups through a random process. The topics for discussion, explored a range of thought-provoking themes. Each group was presented with a topic and a time limit was set to engage in a constructive exchange of ideas. Participants engaged in lively discussions, presenting their perspectives and engaging with opposing viewpoints. A panel of judges evaluated the participants based on their content, communication skills, and overall performance.

Following careful deliberation, Aparna B of class S4A was declared as the winner of the competition based on a comprehensive evaluation of communication skills, clarity of thought, teamwork, and knowledge of the subject. Adithya Unni of class S2A were awarded the second place and third place were given equally to Sandra S of class S2B and Srilakshmi P of class S2B respectively, demonstrating exceptional performance.

In a nutshell, the event proved to be a resounding success with participants demonstrating a high level of engagement and insightful contributions. The final round was particularly engaging, showcasing the participants' ability to think critically and creatively. The roleplay format in the final round proved to be an effective way to assess participants' ability to think strategically and communicate effectively. The event successfully achieved its objectives and contributed to the overall celebration of Women's Day.

EVENT PHOTOGRAPH(s):



EVENT PARTICIPANT LIST

Sl. No.	NAME OF THE PARTICIPANT	YEAR OF STUDY	DEPT.	COLLEGE NAME
1.	Aparna B	2	EEE	NSS COLLEGE OF ENGINEERING
2.	Archana Raj	2	EEE	NSS COLLEGE OF ENGINEERING
3.	Adithya Unni	1	EEE	NSS COLLEGE OF ENGINEERING
4.	Aiswarya Valsan	1	EEE	NSS COLLEGE OF ENGINEERING
5.	Srilakshmi P	1	EEE	NSS COLLEGE OF ENGINEERING
6.	Shreya Bijesh	1	EEE	NSS COLLEGE OF ENGINEERING
7.	Sreya S	1	EEE	NSS COLLEGE OF ENGINEERING
8.	Keerthana R	1	EEE	NSS COLLEGE OF ENGINEERING
9.	Anavadya K C	1	EEE	NSS COLLEGE OF ENGINEERING
10.	Sandra S	1	EEE	NSS COLLEGE OF ENGINEERING
11.	Sreelakshmi R	1	EEE	NSS COLLEGE OF ENGINEERING
12.	Devanandana V Menon	1	EEE	NSS COLLEGE OF ENGINEERING
13.	Shana Nasreen V	1	EEE	NSS COLLEGE OF ENGINEERING
14.	Sabreen N	1	EEE	NSS COLLEGE OF ENGINEERING
15.	Neha Fathima	1	EEE	NSS COLLEGE OF ENGINEERING
16.	Manjima K K	1	EEE	NSS COLLEGE OF ENGINEERING
17.	Sravana P S	1	EEE	NSS COLLEGE OF ENGINEERING
18.	Shahana C U	2	EEE	NSS COLLEGE OF ENGINEERING
19.	Vrinda Praveen	3	EEE	NSS COLLEGE OF ENGINEERING
20.	Krishna P S	1	EEE	NSS COLLEGE OF ENGINEERING
21.	Anumitha E	1	CIVIL	NSS COLLEGE OF ENGINEERING
22.	Akarsha D Bruce	1	CIVIL	NSS COLLEGE OF ENGINEERING
23.	Sneha Biju	1	ECE	NSS COLLEGE OF ENGINEERING
24.	Padmapriya V	3	ECE	NSS COLLEGE OF ENGINEERING
25.	Pavithra Sunil	1	ECE	NSS COLLEGE OF ENGINEERING
26.	Varshini K S	1	EEE	NSS COLLEGE OF ENGINEERING



The Institution of Engineers (India)

ELECTRICAL CHAPTER, N.S.S COLLEGE OF ENGINEERING,
PALAKKAD – 678008, KERALA, INDIA

TARANG PHOTOGRAPHY CONTEST

Program Centre	NSS College Of Engineering
Program Date	14 th March – 30 th March 2025 (Ongoing)
Program Time	16 days
Number of Participants	Currently open
Number of Coordinators	2

The IE(I) Electrical Chapter NSSCE is currently conducting the TARANG Photography Contest as part of the World Water Day 2025 celebrations. The contest is open to all college students across Kerala and has received an enthusiastic response from participants.

The theme of the contest, “**The Hands That Shape Water**”, focuses on capturing the intricate connection between human hands and water. The photographs aim to creatively depict the role of human actions in shaping and conserving this precious resource. Through this theme, the event emphasizes the importance of water and the need for its sustainable use.

The event is **ongoing**, with entries pouring in from students of various colleges. Participants are showcasing their creativity and perspective through thoughtful and impactful photographs aligned with the theme. The contest offers a prize pool of ₹500 and serves as a platform to spread awareness about water conservation while encouraging artistic expression.

The submission deadline for the contest is March 30, 2025, and the event continues to progress actively, drawing attention and participation from across the state.

EVENT POSTER



TARANG

PHOTOGRAPHY CONTEST

OPEN TO ALL COLLEGES IN KERALA

THEME : THE HANDS THAT SHAPE WATER
CONDUCTED AS A PART OF WORLD WATER DAY 2025

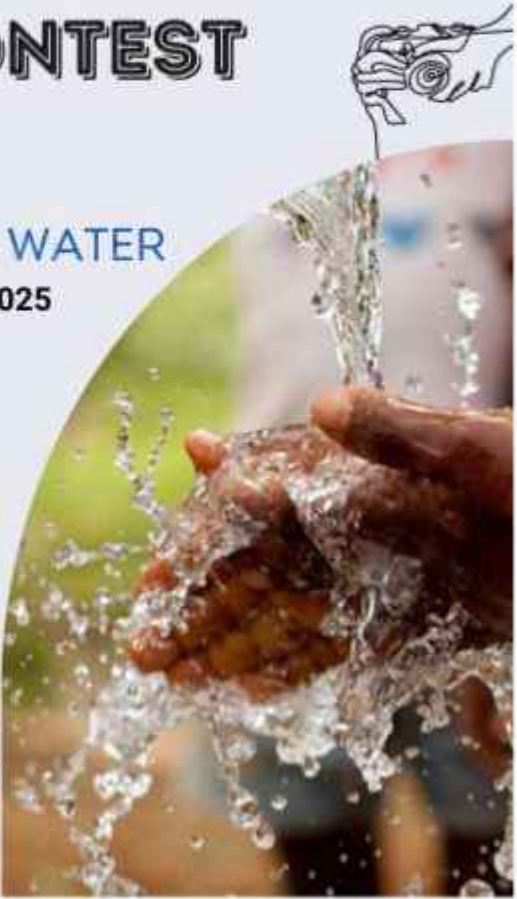
PRIZE POOL 500/-

SUBMISSION DEADLINE
MARCH 30

FREE REGISTRATION

SCAN HERE





 IE(I) ELECTRICAL CHAPTER NSSCE

 ieelectricalnssce.org

 [ie\(i\)_electrical_chapter_nssce_](https://www.instagram.com/ie(i)_electrical_chapter_nssce_)



The Institution of Engineers (India)

ELECTRICAL CHAPTER, N.S.S COLLEGE OF ENGINEERING,
PALAKKAD – 678008, KERALA, INDIA

CANVA WORKSHOP

Name of the Centre	NSS College of Engineering, Palakkad
Title of the Program	Canva Workshop
Program date	15 th MARCH 2025
Program Time	7:00PM - 9:00PM
No of Participants	111

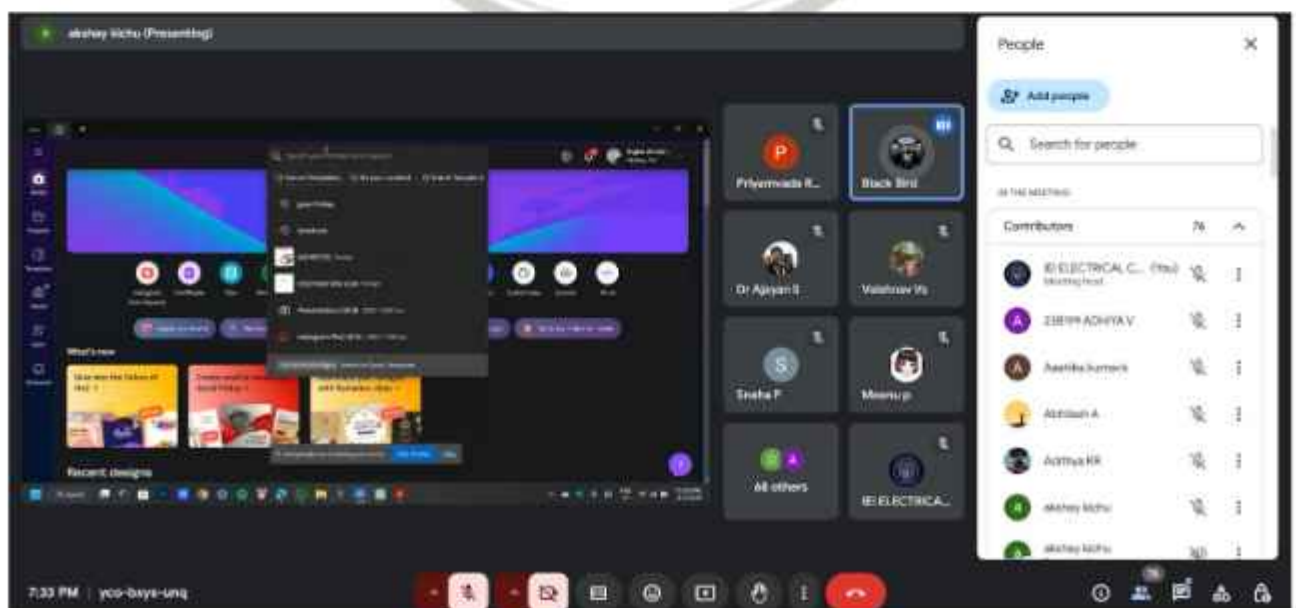
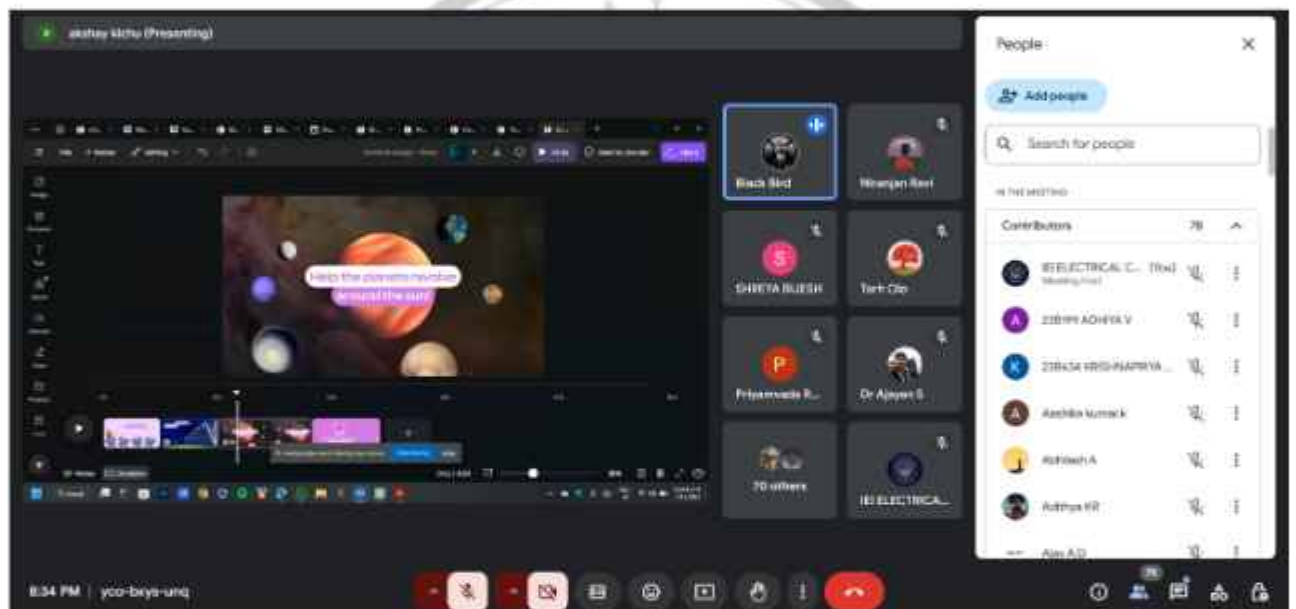
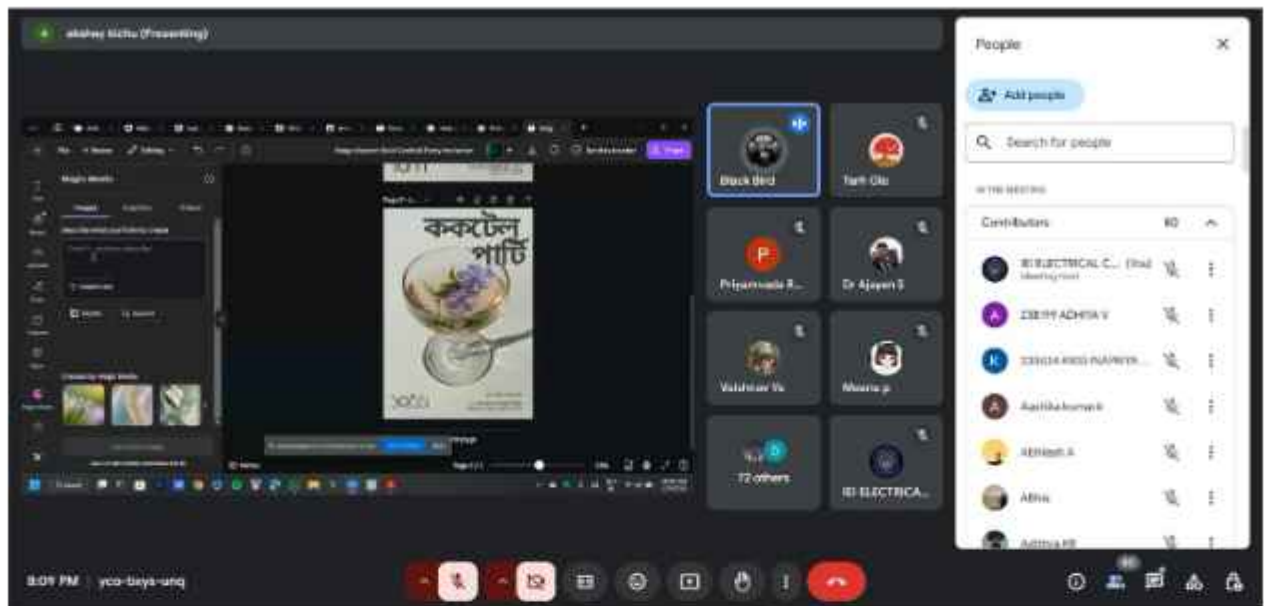
The Institution of Engineers (India) (IEI) Electrical Chapter at NSS College of Engineering recently hosted an engaging Canva workshop, led by their Design Head, EH Akshay. Held on March 15, 2025, the session aimed to introduce students to Canva's powerful design tools and help them create visually appealing content with ease.

EH Akshay, Design Lead of IE(I) Electrical Chapter, started the workshop with an introduction to Canva's interface, walking participants through its various features. The session quickly moved into a hands-on experience, where attendees got to design everything from social media posts to professional presentations. Along the way, Akshay shared key design principles like layout, colour, theory and typography, offering practical tips to enhance creativity.

One of the highlights of the workshop was the interactive Q&A session, where students could ask questions and get real-time feedback on their designs. Many participants appreciated the practical approach of the session, finding it valuable for both academic and professional projects.

Overall, the workshop was well-received, providing students with useful skills to create visually compelling content using Canva.

EVENT PHOTOGRAPHS



EVENT PARTICIPANT LIST

Sl. No.	Name	Year of Study	Department
1	Bengia Aru	1st	Civil
2	Jesin John	1st	Civil
3	Muhammad Salih	1st	Civil
4	Nandana A S	1st	Civil
5	Tarh Olo	1st	Civil
6	Anamika S	2nd	Civil
7	Deepa. M	2nd	Civil
8	Deepa. M	2nd	Civil
9	Lodrey Gyeltsen	2nd	Civil
10	Modam Basa	2nd	Civil
11	Mohammed Sinan Kp	2nd	Civil
12	Nidhuna Krishna C	2nd	Civil
13	Nivedya T	2nd	Civil
14	Sana Mohan Mk	2nd	Civil
15	Sandhra K	2nd	Civil
16	Sandhra K	2nd	Civil
17	Sandrima Ac	2nd	Civil
18	Sneha P	2nd	Civil
19	Sreenay V Murali	2nd	Civil
20	Nadha Fathima Kp	3rd	Civil
21	Vismaya K	4th	Civil
22	Alfiya. N	1st	EC
23	Almitha P J	1st	EC
24	Aneena B	1st	EC
25	Anjana O	1st	EC
26	Ardra C K	1st	EC
27	Ashida Fathima A	1st	EC
28	Athulya. S	1st	EC
29	Fathima Lena K	1st	EC
30	Hifsana Iqubal	1st	EC
31	Nithin B	2nd	EC
32	Rubeba Nourin	1st	EC
33	Shadiya Sherin M	2nd	EC
34	A D Ajay	3rd	EEE
35	Abhishek Das P K	2nd	EEE
36	Abijith S	3rd	EEE
37	Abijith V	1st	EEE
38	Adhil Nt	1st	EEE
39	Adhiya. V	2nd	EEE
40	Adithya Kr	2nd	EEE
41	Adithya P B	2nd	EEE
42	Adithya Unni C	1st	EEE
43	Afzana. A	2nd	EEE
44	Akhil P	2nd	EEE
45	Akshay T S	3rd	EEE
46	Albin K Rajan	1st	EEE
47	Amarnath Vp	1st	EEE
48	Ameesha Vs	1st	EEE
49	Anagha C V	2nd	EEE
50	Anagha George	1st	EEE

51	Anvarshameem .S	2nd	EEE
52	Archanaraj	2nd	EEE
53	Avinand K	2nd	EEE
54	Binoy G	2nd	EEE
55	Chaithra C B	2nd	EEE
56	Dannia Samson	2nd	EEE
57	Devika K S	1st	EEE
58	Devika K Vijay	2nd	EEE
59	Dilna	3rd	EEE
60	Fathima Ansila S A	3rd	EEE
61	Fathima Riya.N	3rd	EEE
62	Fathima Sithara Ck	1st	EEE
63	Fidha Thasneem A	3rd	EEE
64	Freya. V. S	2nd	EEE
65	Greeshma G	3rd	EEE
66	Irene Julie Jose	2nd	EEE
67	Jefin Joy	3rd	EEE
68	Krishna P S	1st	EEE
69	Krishna Satheesh P	2nd	EEE
70	Krishnapriya Pv	2nd	EEE
71	Krishnendu K A	2nd	EEE
72	Malavika Sunil	2nd	EEE
73	Mufeedha Nahan	3rd	EEE
74	Muhammed Rizil C	1st	EEE
75	Muzawira	2nd	EEE
76	Nandakishore I R	2nd	EEE
77	Nandhana N	3rd	EEE
78	Naza Mariyam Ch	2nd	EEE
79	Neha Fathima	1st	EEE
80	Nima R	3rd	EEE
81	Prathap M	1st	EEE
82	Rineesha A	3rd	EEE
83	Rinfa A	1st	EEE
84	Rinsana B	1st	EEE
85	Rohith R	3rd	EEE
86	Sabreen N	1st	EEE
87	Sandra S	1st	EEE
88	Sanjay K V	1st	EEE
89	Shahma Mohamed Haneefa	1st	EEE
90	Shana Nasreen V	1st	EEE
91	Sooraj Mohan	2nd	EEE
92	Suramya Ms	3rd	EEE
93	Suryaprasad T R	3rd	EEE
94	Vaishanv Vs	2nd	EEE
95	Vaishanv Vs	2nd	EEE
96	Athulya M	2nd	IC
97	Joel Poullose	1st	IC
98	Malavika K S	3rd	IC
99	Sreelakshmi C M	2nd	IC
100	Thushara K J	1st	IC
101	Aashika Kumar.K	1st	Mech
102	Akshay Pv	3rd	Mech
103	Aravind K	3rd	Mech

104	Arjun S	1st	Mech
105	Aswin K	3rd	Mech
106	Krishnendu S	1st	Mech
107	Mohammed Shahaban S	3rd	Mech
108	Muhammed Ramzan	1st	Mech
109	Navaneeth Nair	1st	Mech
110	Niranjana Ravi	3rd	Mech
111	Rejoy Prince	3rd	Mech





The Institution of Engineers (India)

ELECTRICAL CHAPTER, N.S.S COLLEGE OF ENGINEERING,
PALAKKAD – 678008, KERALA, INDIA

WORKSHOP ON WIX WEBSITE DESIGNING

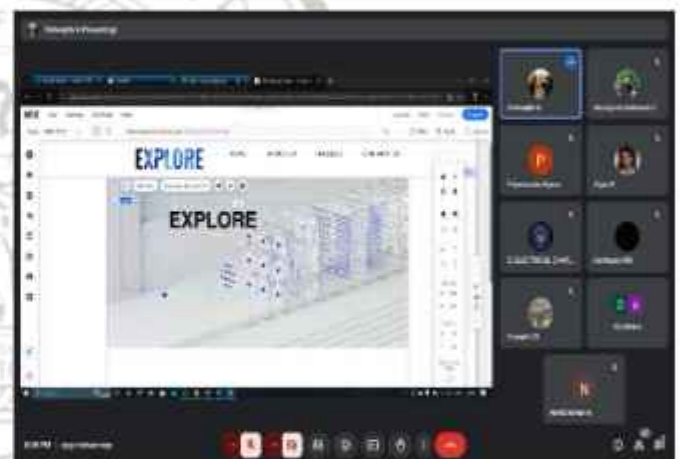
Name of the Centre	NSS College of Engineering, Palakkad
Title of the Program	WIX Website Designing Workshop
Program date	16 th MARCH 2025
Program Time	7:00PM - 9:00PM
No of Participants	96

An online workshop on Wix website designing was successfully conducted by IE(I) Electrical Chapter NSSCE, on 16th March 2025. The session was handled by Navajyoth Satheesh C, Secretary, and Vishwajith K, Web Head of IE(I) Electrical Chapter NSSCE. The session was aimed to introduce the basics of website development using the Windows Installer XML toolset (WiX). The session provided insights into building and customizing websites effectively, catering to both beginners and those with some prior experience.

During the session, Navajyoth opened with an introduction to the importance of website development skills in today's digital landscape and Vishwajith K then led the technical demonstration, guiding participants through the process of creating a basic website using the WiX toolset. Together they covered essential aspects such as website structure, customization options, and best practices. The session also included a practical walkthrough, allowing participants to see how to add and edit content, manage design elements, and optimize website performance.

A total of 96 students from various departments participated in the workshop. The session received excellent feedback from the participants. Overall, the event successfully equipped attendees with a foundational understanding of website development using WiX, making it a productive and informative experience.

EVENT PHOTOGRAPHS



LIST OF PARTICIPANTS

SL NO.	NAME	DEPARTMENT	YEAR OF STUDY
1	Niranjan Ravi	MECH	3
2	Krishna P S	EEE	1
3	Abhinav KR	EEE	3
4	Lodrey Gueltsen	CIVIL	1
5	Silpa S	EEE	3
6	Darshana M	EEE	2
7	Sachidanand S S	EEE	2
8	Tarh Olo	CIVIL	1
9	Sreerag Ks	EEE	3
10	Darshith K H	EEE	1
11	Sandra S	EEE	1
12	Sneha R S	EEE	2
13	Aswvin A	IC	1
14	Sandhra K	CIVIL	2
15	Avaneesh. R	CSE	1
16	Neha Fathima	EEE	1
17	Sabreen N	EEE	1
18	Sneha M	EEE	2
19	Akshay T S	EEE	3
20	Abhishek B	CIVIL	1
21	Rithik S	EEE	2
22	Akshay T S	EEE	3
23	Sreelakshmi C M	IC	2
24	Bengia Aru	CIVIL	1
25	Abhinav Krishna	EEE	2
26	Avani Ks	EC	1
27	Archanaraj	EEE	2
28	Sana Mohan Mk	CIVIL	2
29	Bharath C R	MECH	1
30	Sravana P S	EEE	1
31	Sravon VI	EEE	2
32	Sivani.K.S	EEE	3
33	Devika J Nair	EC	2
34	Nandakishore I R	EEE	2
35	Favas.M	CSE	1
36	Dannia Samson	EEE	2
37	Anjana O	EC	1
38	Arya M	EC	1
39	Shahma Mohamed Haneefa	EEE	1
40	Shana Nasreen V	EEE	1

41	Sanjay K V	EEE	1
42	Dhiya K U	EEE	2
43	Hariharan M B	EEE	2
44	Devika K Vijay	EEE	2
45	Maneesha M	EEE	2
46	Ardra C K	EC	1
47	Abhijith K	EEE	2
48	Nandana A S	CIVIL	1
49	K Vishnu	IC	3
50	Krishnaprasad K N	CIVIL	1
51	Arpith Ashok	MECH	3
52	Krishna Dileep	CIVIL	1
53	Jesin John	CIVIL	1
54	K Chaithanya	CIVIL	1
55	Albin K Rajan	EEE	1
56	Albin Antony C	EEE	2
57	Arjun K	CSE	1
58	Karthik Kp	CSE	1
59	Sreehari K R	MECH	3
60	Anagha Sasikumar	EC	1
61	Karthika C	CSE	2
62	Akhil P	EEE	2
63	Shahila. H	IC	1
64	S Nakshathra	EEE	3
65	Abhinav V R	CSE	1
66	Anvarshameem.S	EEE	2
67	Hassan M	EC	2
68	Pranav Basanth	EEE	1
69	Binoy G	EEE	2
70	Muhammed Hafeez K	CIVIL	1
71	Aromal Vijay V	EEE	2
72	Chaithra C B	EEE	2
73	Cyrus Santhosh	EEE	3
74	Akshara R	CSE	2
75	Athira RV	EC	2
76	Rohith R	EEE	3
77	Aparna M M	EC	2
78	Afzana A	EEE	2
79	Alfiya. N	EC	1
80	Sivaveni K Asokan	CIVIL	1
81	Frey. V. S	EEE	2
82	Joobitha T P	EC	2
83	Aardraa Himadri	CSE	1
84	Adarsh K	CSE	1
85	G S Niranjana	EEE	2
86	Rinfa A	EEE	1

87	Sujina S	EEE	1
88	Ebin Thomas K	EEE	2
89	Muhammad Salih	CIVIL	1
90	Sandrima AC	CIVIL	2
91	K. Shyam Mohan	EEE	2
92	Tarh Olo	CIVIL	1
93	Dhanush Ajayan	EC	1
94	Afzana A	EEE	2
95	Jerin J George	IC	1
96	Muhammed Rizil.C	EEE	1



MILESTONES ACHIEVED SO FAR

LAUNCH OF THE OFFICIAL WEBSITE OF IE(I) ELECTRICAL CHAPTER NSSCE



The website launched by Dr. Saju N , Head of EEE Department and the event graced by the presence of Dr. Rajesh Menon B , Hon. Secretary, IE(I) Palghat Local Centre and Dr. Leena N, Staff Advisor, IE(I) ELECTRICAL CHAPTER NSSCE.

LAUNCH OF “AURORA”- THE MAGAZINE OF IE(I) ELECTRICAL CHAPTER NSSCE



The magazine launched by Er. E V Rajappan, Hon. Chairman, IE(I) Palghat Local Centre and the event graced by the presence of Keshavan Sir, Dr. Rajesh Menon B, Hon. Secretary, IE(I) Palghat Local Centre, Dr. Saju N, Head of EEE Department and Dr. Leena N, Staff Advisor, IE(I) ELECTRICAL CHAPTER NSSCE.

**INAUGURATION OF A DEDICATED ROOM SPACE FOR
IE(I) ELECTRICAL CHAPTER NSSCE**



The room inaugurated by Dr. Saju N , Head of EEE Department and the event graced by the presence of Er. E V Rajappan , Hon. Chairman, IE(I) Palghat Local Centre Dr. Rajesh Menon B , Hon. Secretary, IE(I) Palghat Local Centre and Dr. Leena N, Staff Advisor, IE(I) ELECTRICAL CHAPTER NSSCE.