

1. IEEE WIE ONLINE QUIZ COMPETITION – WOMEN’S DAY SPECIAL

Date: 12th March 2025

IEEE Women in Engineering (WIE) Affinity Group of the IEEE Student Branch, College of Engineering Trikaripur, successfully organized an **Online Quiz Competition** in connection with **International Women’s Day** on **12th March 2025**. The event was conducted with the objective of promoting awareness on women empowerment and celebrating the achievements and contributions of women across various fields. The quiz competition was organized in online mode using **Google Forms**, ensuring easy accessibility and active participation from students.

The competition commenced at **8:30 PM** and continued till **9:00 PM**. The theme of the quiz was **“Empowered Women”**, and the questions were carefully designed to test the participants’ knowledge on influential women leaders, gender equality, social awareness, and women-centric achievements. Students enthusiastically participated in the competition and actively engaged throughout the session, making the event both informative and competitive.

The quiz witnessed participation from students of College of Engineering Trikaripur as well as students from other institutions. The event was smoothly coordinated by the members and volunteers of IEEE WIE Affinity Group, IEEE SB CETKR, whose collective efforts ensured the successful execution of the program. The online platform enabled fair evaluation, and responses were analyzed systematically to identify the winners.

Based on the evaluation of quiz responses, **Ms. Niranjana V K** from **College of Engineering Trikaripur** secured the **First Prize**, followed by **Ms. Arya K V** from **College of Engineering Trikaripur**, who secured the **Second Prize**. The **Third Prize** was secured by **Ms. Adithya A S** from **Sree Chitra Thirunal College of Engineering, Pappanamcode**. The winners were officially announced through the social media handles of IEEE Student Branch CETKR and IEEE WIE Affinity Group, and the announcement received positive engagement from the student community.

The Online Quiz Competition turned out to be a meaningful and impactful initiative that effectively combined learning with celebration. The program successfully conveyed the message of women empowerment while encouraging students to actively participate in IEEE WIE activities. The event also helped in strengthening the visibility of IEEE WIE Affinity Group and fostered a sense of awareness and inspiration among the participants.

The IEEE Student Branch, College of Engineering Trikaripur, extends sincere gratitude to all the IEEE WIE members, volunteers, and participants who contributed to the success of the program. The event concluded with positive feedback from participants, marking it as a memorable and successful Women's Day initiative.



2. STRIDE 2025 – INNOVATE FOR A CAUSE

Date: 28th March 2025

IEEE Student Branch of College of Engineering Trikaripur, in collaboration with the **Innovation and Entrepreneurship Development Centre (IEDC), College of Engineering Trikaripur**, successfully organized **STRIDE 2025 – Innovate for a Cause**, an idea pitching

event aimed at encouraging socially responsible innovation among students. The event was conducted on **28th March 2025** at the **Main Seminar Hall**, College of Engineering Trikaripur.

STRIDE 2025 was designed as a platform for students to pitch innovative ideas addressing real-world challenges, with a special focus on solutions for **Bud Schools children and persons with disabilities**. The event was open to students from all disciplines, and participants were allowed to form teams consisting of **two to four members**. Each team was provided a time slot of **10 to 15 minutes** to present their ideas before the panel.

The event witnessed enthusiastic participation from students who showcased creative, inclusive, and socially impactful ideas. The program encouraged young innovators to think beyond conventional solutions and focus on technology-driven approaches for social good. The collaborative efforts of IEEE Student Branch and IEDC CETKR ensured smooth coordination and effective execution of the event.

Throughout the event, participants actively engaged in idea presentation and discussions, receiving valuable insights and feedback. The judging and mentoring process emphasized feasibility, innovation, and social impact, motivating students to refine their ideas further. The event also served as an awareness platform highlighting the importance of inclusive innovation and entrepreneurship.

STRIDE 2025 turned out to be a meaningful initiative that successfully fostered innovation, teamwork, and social responsibility among students. The collaborative organization of IEEE Student Branch and IEDC CETKR strengthened interdisciplinary interaction and promoted a culture of innovation within the campus. The program received positive feedback from participants and marked a significant step towards empowering students to innovate for a better and inclusive tomorrow.

The IEEE Student Branch, College of Engineering Trikaripur, extends sincere gratitude to **IEDC CETKR**, volunteers, coordinators, and all participants for their valuable support and cooperation, which contributed to the successful completion of the event.



3. WORKSHOP ON CREATING EMPATHY MAP

Date: 28th March 2025

IEEE Student Branch of College of Engineering Trikaripur, in collaboration with the **Innovation and Entrepreneurship Development Centre (IEDC), College of Engineering Trikaripur**, organized a **Workshop on Creating Empathy Map** as part of **STRIDE 2025 – Innovate for a Cause**. The workshop was conducted on **28th March 2025** at the **EEE Seminar Hall**, College of Engineering Trikaripur. The program aimed to introduce students to the fundamentals of design thinking and to help them understand user-centric problem solving through empathy mapping.

The workshop was handled by **Mr. Adil Nasser**, Assistant Professor, Department of Electrical and Electronics Engineering. The session focused on explaining the importance of empathy in innovation and how understanding user perspectives plays a crucial role in designing impactful solutions. The speaker elaborated on the concept of empathy maps by discussing its key components such as *What the user thinks, hears, sees, says, and does*, enabling students to gain a clear understanding of user behavior and needs.

The session was highly interactive, and students actively participated by engaging in discussions and practical exercises. The resource person guided the participants through real-time examples, helping them relate the concept of empathy mapping to real-world problem statements, especially in the context of developing solutions for Bud Schools children and persons with disabilities. The workshop helped students enhance their creative thinking and encouraged them to approach problem-solving with a human-centered mindset.

The collaborative efforts of IEEE Student Branch and IEDC CETKR ensured the smooth conduct of the workshop. Volunteers effectively coordinated the session, making the program well-organized and engaging. The workshop served as a valuable preparatory session for students participating in STRIDE 2025, equipping them with essential tools required for idea development and pitching.

The Workshop on Creating Empathy Map turned out to be an informative and impactful session that successfully introduced participants to design thinking principles. The program

received positive feedback from students, and it significantly contributed to nurturing innovation, empathy, and social responsibility among participants.

The IEEE Student Branch, College of Engineering Trikaripur, expresses sincere gratitude to **IEDC CETKR**, the resource person, volunteers, and all participants for their support and cooperation in making the workshop a success.



4.POSTER MAKING CHALLENGE – SAVING GREEN ELECTRICITY FOR A SUSTAINABLE FUTURE

Date:5th June 2025

IEEE Power & Energy Society (PES) Student Branch Chapter, in association with the **IEEE Student Branch, College of Engineering Trikaripur**, successfully organized a **Poster Making Challenge** on the theme “**Saving Green Electricity for a Sustainable Future**”. The event was conducted as an online competition from **5th June 2025 to 12th June 2025**, with the objective of creating awareness about sustainable energy practices and the importance of green electricity among students.

The competition aimed to encourage students to creatively express their ideas and perspectives on energy conservation and sustainability through visual representation. Students enthusiastically participated by designing posters that highlighted innovative concepts, environmental responsibility, and the need for sustainable electricity usage. The event provided a platform for participants to combine technical awareness with artistic creativity.

The posters submitted by participants were evaluated based on creativity, relevance to the theme, clarity of message, and overall presentation. The judging process was carried out carefully to ensure fairness and quality assessment. The competition received active participation from students of various departments, reflecting a strong interest in sustainability-related initiatives.

Based on the evaluation, **Mr. Abhishek Thamban (S4 EEE), College of Engineering Trikaripur**, secured the **First Prize**. The **Second Prize** was awarded to **Mr. Razal Abdul Razak (S2 CSE), College of Engineering Trikaripur**, and the **Third Prize** was secured by **Ms. Nayana Sivadas (S2 ECE), College of Engineering Trikaripur**. The winners were officially announced through the social media platforms of IEEE PES SBC CETKR and IEEE Student Branch CETKR, receiving positive engagement and appreciation from the student community.

The Poster Making Challenge turned out to be a successful awareness-driven initiative that effectively promoted the message of sustainable energy and environmental responsibility. The event not only enhanced students' understanding of green electricity but also encouraged them to think creatively about real-world energy challenges.

The IEEE PES Student Branch Chapter and IEEE Student Branch, College of Engineering Trikaripur, extend sincere gratitude to all the participants, volunteers, and coordinators who contributed to the smooth conduct and success of the event. The program concluded with positive feedback and marked another meaningful step towards fostering sustainability awareness among students.



5. DEBATE COMPETITION – ARTIFICIAL INTELLIGENCE

Date: 11th July 2025

IEEE Student Branch of College of Engineering Trikaripur successfully organized a **Debate Competition** exclusively for IEEE members on **11th July 2025**. The event was conducted with the aim of fostering critical thinking, effective communication, and awareness about emerging technologies among student members. The theme selected for the competition

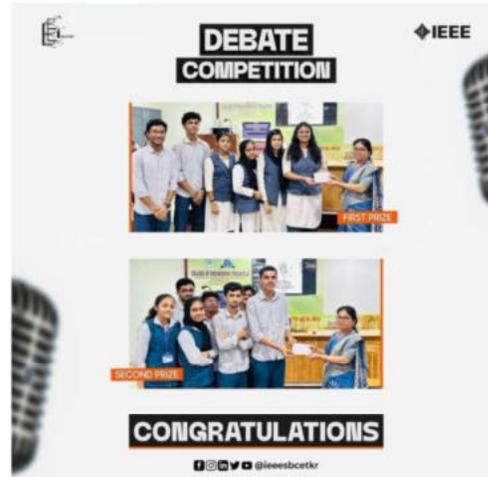
was **Artificial Intelligence**, a topic of immense relevance in today's rapidly evolving technological landscape.

The competition witnessed enthusiastic participation from IEEE members, who actively engaged in presenting diverse viewpoints on the impact of artificial intelligence. Participants discussed various dimensions of AI, including its advantages, ethical considerations, societal impact, and future prospects. The debate provided an interactive platform for students to articulate their thoughts, defend their arguments, and engage in constructive and insightful discussions.

The event was efficiently coordinated by the IEEE Student Branch volunteers, ensuring smooth conduct and a professional atmosphere throughout the competition. The engaging exchange of ideas and the confidence demonstrated by participants made the session intellectually stimulating and informative. The competition helped enhance participants' analytical abilities and public speaking skills while encouraging informed opinions on contemporary technological issues.

The Debate Competition proved to be a successful academic initiative that contributed to the overall professional development of IEEE members. Glimpses of the event were later shared through the official social media handles of IEEE SB CETKR on **12th July 2025**, receiving positive response and appreciation from the student community.

The IEEE Student Branch, College of Engineering Trikaripur, extends sincere gratitude to all the participants and volunteers for their active involvement and support, which played a key role in the successful execution of the event. The program concluded with positive feedback and stood as a meaningful addition to the Student Branch activities.



6.EXECOM TRAINING PROGRAM

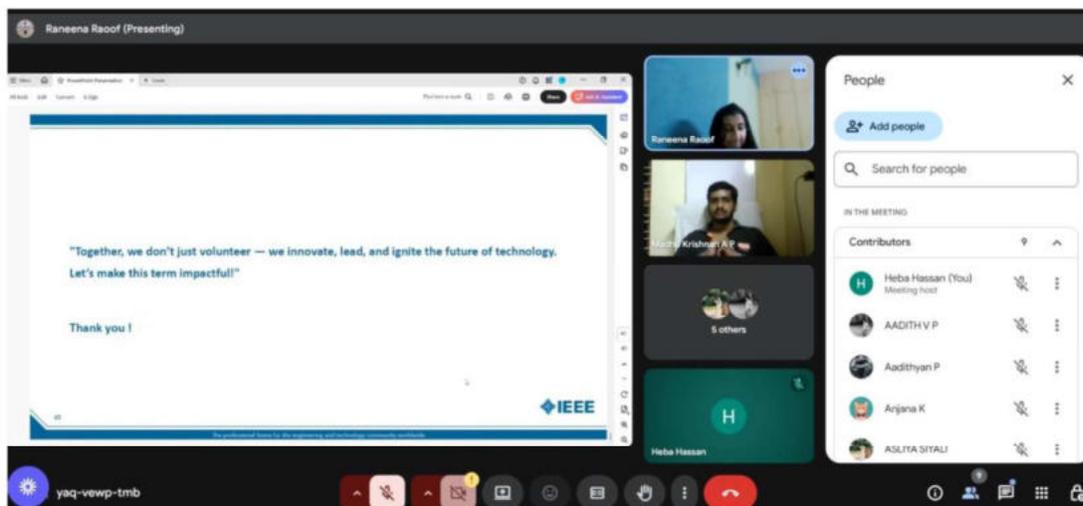
The IEEE Student Branch College of Engineering Trikaripur successfully organized an **ExeCom Training Program** on **5th July and 11th July**, conducted **online via Google Meet** at **7:00 PM**. The program was exclusively designed for the newly elected Executive

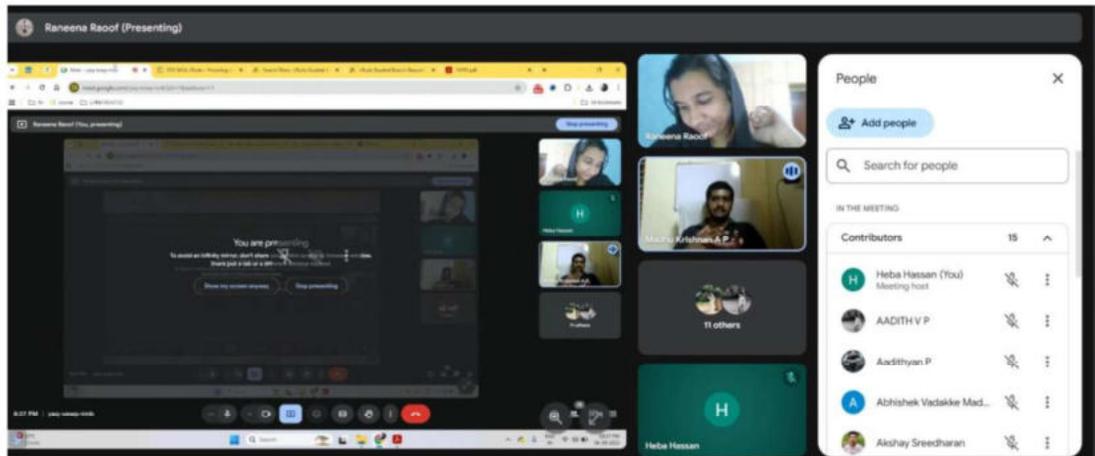
Committee members to equip them with the knowledge and skills required for effective leadership and smooth functioning of the student branch.

The sessions were handled by **Ms. Raneena Raof** and **Mr. Madhu Krishnan**, former Executive Committee members of IEEE, who shared their valuable experiences and insights gained during their tenure with IEEE. The speakers provided a comprehensive overview of the **structure of IEEE, roles and responsibilities of ExeCom members, event planning, team coordination, and professional ethics within IEEE.**

The training sessions were interactive and engaging, allowing participants to clarify doubts and gain practical guidance on managing IEEE activities efficiently. Real-life examples and experiences shared by the speakers helped the ExeCom members understand the importance of teamwork, leadership, and commitment in running a successful IEEE Student Branch.

The program concluded with an interactive discussion, leaving the participants motivated and well-prepared to take up their responsibilities. The ExeCom Training Program proved to be highly beneficial in strengthening the foundation of the IEEE SB CETKR leadership team.





7. LOGO REDESIGN CONTEST – IEEE SB CETKR

Date: 31st July 2025

IEEE Student Branch of College of Engineering Trikaripur successfully organized a **Logo ReDesign Contest** for IEEE SB CETKR with the objective of encouraging creativity, design thinking, and student involvement in shaping the visual identity of the Student Branch. The contest was announced on **31st July 2025**, inviting creative minds to redesign the official logo of IEEE SB CETKR.

The competition was open to all interested participants, and students were encouraged to showcase their creativity by designing a logo that reflects the values, vision, and technical spirit of IEEE. Participants were provided with clear guidelines, and submissions were collected until the **deadline on 7th August 2025**. The contest aimed to provide a platform for students to express their artistic skills while contributing meaningfully to the Student Branch.

The submissions received were carefully evaluated based on creativity, originality, relevance to IEEE branding, and overall visual appeal. The judging process ensured fairness and quality assessment, highlighting the importance of innovation and design excellence. The competition witnessed enthusiastic participation from students, reflecting strong interest in creative and non-technical activities alongside core IEEE initiatives.

Based on the evaluation, **Mr. Aadith V P (S5 ECE), College of Engineering Trikaripur**, was declared the **Winner of the Logo ReDesign Contest**. The winner was officially announced

through the social media platforms of IEEE SB CETKR on **16th August 2025**, and the announcement received positive engagement and appreciation from the student community.

The Logo ReDesign Contest proved to be a successful initiative that effectively encouraged creativity and student participation within the IEEE Student Branch. The event strengthened the sense of ownership and involvement among members while highlighting the importance of design and branding in professional organizations.

The IEEE Student Branch, College of Engineering Trikaripur, extends sincere gratitude to all participants and volunteers who contributed to the success of the contest. The program concluded with positive feedback and stood as a meaningful addition to the creative activities of the Student Branch.



8. EMPOWERED CAREERS: OPPORTUNITIES FOR WOMEN

Date: 18th August 2025

IEEE Women in Engineering (WIE) Affinity Group, in association with the **IEEE Student Branch, College of Engineering Trikaripur**, successfully organized a talk titled **“Empowered Careers: Opportunities for Women”** on **18th August 2025**. The session was conducted in online mode from **7:00 PM to 8:00 PM** with the objective of inspiring women students and creating awareness about career opportunities, professional growth, and leadership in the engineering and technology sectors.

The session was handled by **Ms. Kallu Sudarsan**, Chief Marketing Officer (CMO), **Reverttech IT Solutions**. The speaker shared valuable insights from her professional journey and discussed the various opportunities available for women in the corporate and entrepreneurial ecosystem. She emphasized the importance of confidence, continuous learning, adaptability, and skill development in building a successful career.

During the session, the speaker addressed key challenges faced by women in their professional lives and highlighted strategies to overcome these challenges. She encouraged students to explore diverse career paths, take leadership roles, and actively participate in professional organizations like IEEE. The interactive nature of the session enabled participants to engage in discussions and clarify their doubts regarding career planning and industry expectations.

The program witnessed active participation from students, especially women members, who found the session motivating and informative. The event successfully aligned with the objectives of IEEE WIE by promoting women empowerment, professional development, and gender diversity in engineering and technology fields.

The session **“Empowered Careers: Opportunities for Women”** turned out to be an impactful initiative that inspired students to pursue their career goals with confidence and determination. The program received positive feedback from participants and contributed significantly to strengthening WIE activities within the Student Branch.

The IEEE WIE Affinity Group and IEEE Student Branch, College of Engineering Trikaripur, extend sincere gratitude to the resource person, organizers, volunteers, and participants for their support and cooperation, which ensured the successful conduct of the event.



9.MD SESSION –STEP IN WITH IEEE

Date: 27th August 2025

IEEE Student Branch College of Engineering Trikaripur, in collaboration with IEEE SB GCEK, IEEE SB NSSCE, and IEEE IA/IE/PELS Joint Chapter Kerala Section, successfully conducted an MD Session titled “**Step In with IEEE**” on **27th August 2025** at **7:00 PM** through **Google Meet**. The session was organized with the objective of creating awareness among students and young professionals about IEEE, its benefits, and the wide range of opportunities it offers for technical, professional, and leadership development. The program was open to both IEEE and Non-IEEE members.

The session was handled by **Ms. Swetha P Krishnan**, Content Writer, IEEE, and **Mr. Yadunand Arun Nambiar**, Malabar Hub Student Representative and Writer, IEEE IA/IE/PELS Joint Chapter Kerala Section. The speakers gave an insightful overview of IEEE as a global professional organization and explained how involvement in IEEE helps students enhance their technical knowledge, professional skills, and leadership qualities. They also elaborated on the functioning of the IEEE IA/IE/PELS Joint Chapter Kerala and the various roles students can take up as volunteers, writers, representatives, and leaders.

The session was interactive and informative, motivating participants to actively engage in IEEE activities and make use of the opportunities provided through different IEEE chapters and societies. Students were guided on how IEEE membership can help in skill development, networking, and career growth. The speakers also emphasized the importance of collaboration, volunteering, and consistent participation in IEEE events.

A total of **80 participants** attended the session. The event successfully created awareness about IEEE membership, encouraged students to stay active in IEEE, and inspired many participants to take part in future IEEE initiatives, competitions, and projects. Overall, the MD Session effectively conveyed the value of IEEE and strengthened student engagement across different IEEE student branches.





10.TALK SESSION ON HARDWARE FOR AI

Date : 30th August 2025

IEEE Student Branch of College of Engineering Trikaripur, in collaboration with the **IEEE Student Branch, Government College of Engineering Kannur** and the **IEEE Student Branch, NSS College of Engineering Palakkad**, successfully organized a **Talk Session on “Hardware for AI”** on **30th August 2025**. The session was conducted with the objective of enhancing students’ understanding of the role of hardware in the development and deployment of artificial intelligence systems.

The talk session was delivered by **Dr. Kala S, IIIT Kottayam**, who shared her expertise on the evolving landscape of AI hardware. The speaker elaborated on the importance of specialized hardware such as GPUs, TPUs, and edge computing devices in accelerating AI applications. She also discussed current trends, challenges, and future opportunities in the field of AI hardware, providing participants with valuable technical insights.

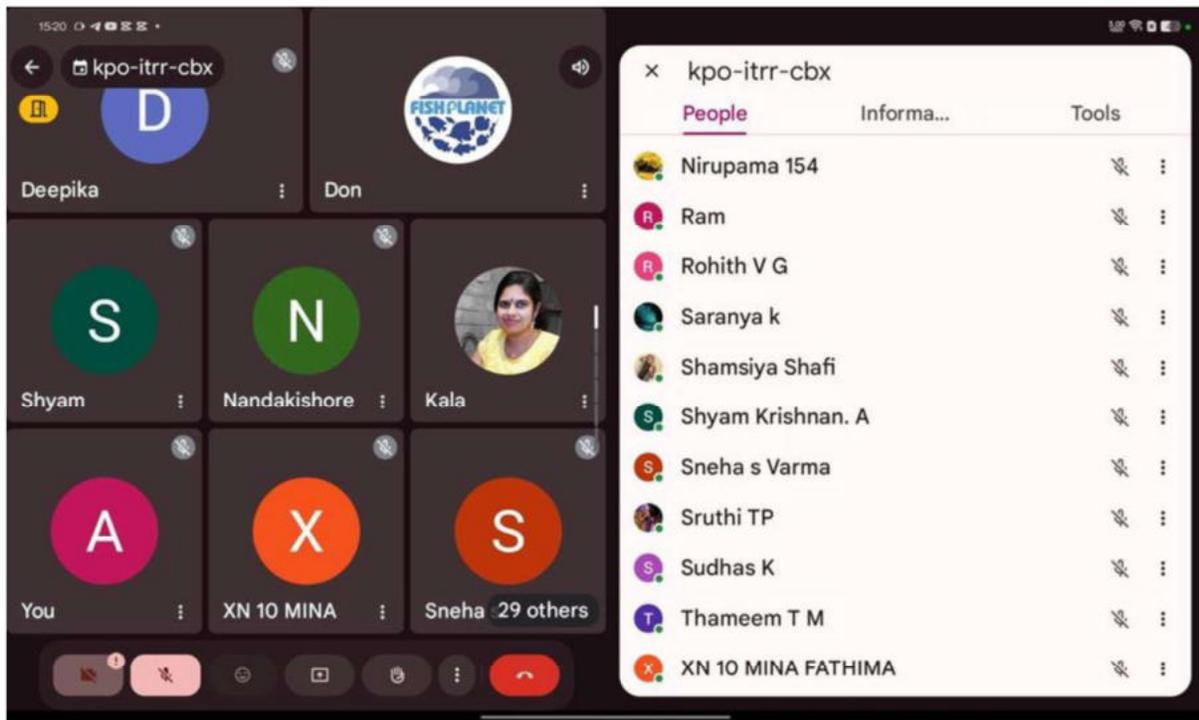
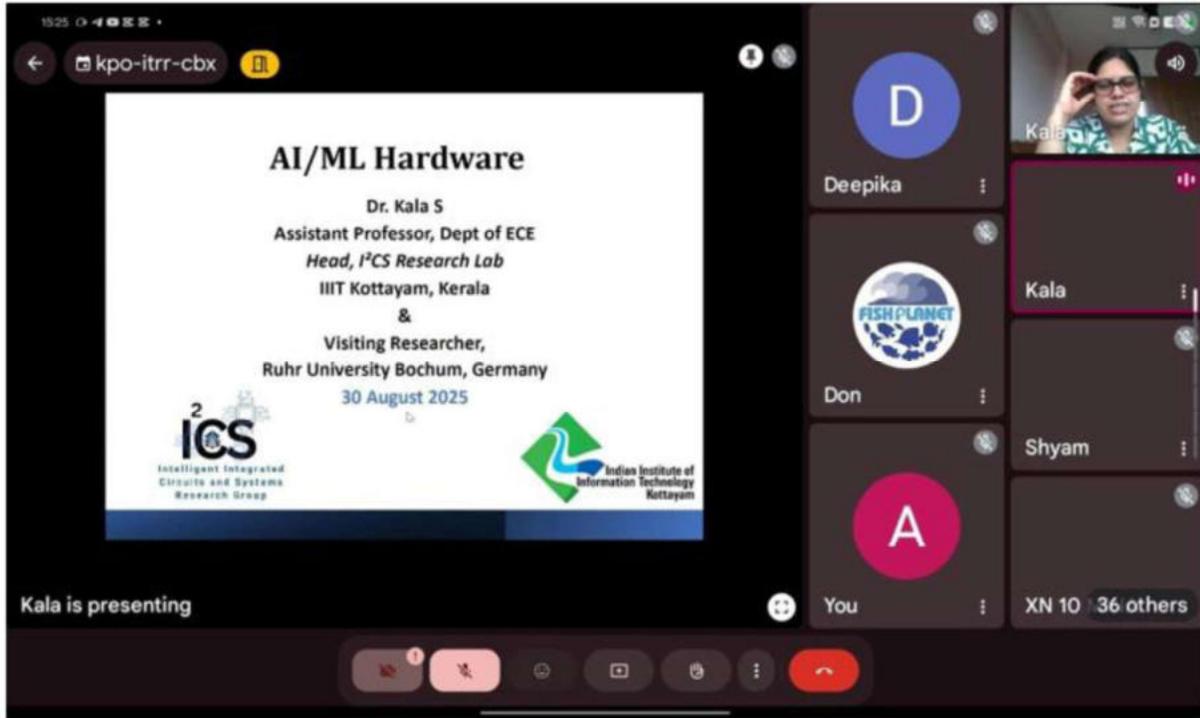
The session witnessed active participation from students of the collaborating institutions, making it an interactive and knowledge-rich experience. Participants engaged enthusiastically in the discussion, raising questions related to hardware optimization, performance efficiency, and real-world AI implementations. The speaker addressed these queries effectively, helping students gain a clearer understanding of the subject.

The collaborative efforts of IEEE Student Branch CETKR, IEEE SB GCE Kannur, and IEEE SB NSSCE Palakkad ensured the smooth conduct of the program. The event promoted inter-institutional interaction and knowledge sharing among IEEE members, strengthening collaboration within the IEEE student community.

The talk session on **“Hardware for AI”** proved to be an informative and impactful initiative that enhanced technical awareness and inspired students to explore advanced domains in artificial intelligence and hardware design. The program received positive feedback from participants and contributed significantly to the professional development activities of the Student Branch.

The IEEE Student Branch, College of Engineering Trikaripur, extends sincere gratitude to the resource person and the collaborating IEEE Student Branches for their support and cooperation, which played a key role in the successful completion of the event.





11.WHAT'S NEW? – TECH CURRENT AFFAIRS

Date:30th August 2025

The IEEE Student Branch of the College of Engineering Trikaripur, in collaboration with the IEEE Student Branch, Government College of Engineering Kannur, and the IEEE Student Branch, NSS College of Engineering Palakkad, successfully organized an online session titled “**What’s New?**” on the topic **Tech Current Affairs**. The program was conducted on **30th August 2025 at 7:00 PM** in online mode, with the objective of keeping students updated on the latest trends, developments, and innovations in the field of technology.

The session was designed to create awareness among students about emerging technologies and recent advancements shaping the global technical landscape. Participants actively engaged in discussions on various current topics in technology, gaining insights into how rapid technological changes influence industries, research, and everyday life. The interactive nature of the session encouraged students to share their perspectives and remain informed about contemporary technological affairs.

As part of the program, a **Tech Quiz competition** was conducted to assess participants’ understanding of current technological trends. The quiz segment generated enthusiastic participation and added a competitive yet engaging element to the session. At the end of the competition, the winners were announced and appreciated for their performance.

- **First Prize:** *Mysha Fathima T*, S3, NSS College of Engineering Palakkad
- **Second Prize:** *Prathyush Jayan P*, S3, College of Engineering Trikaripur
- **Third Prize:** *Navami Menon*, S3, NSS College of Engineering Palakkad

The event witnessed active participation from IEEE members across the collaborating institutions, fostering inter-collegiate interaction and effective knowledge sharing. The smooth coordination and collective efforts of the organizing IEEE Student Branches ensured the successful conduct of the session. The program provided a valuable platform for students to enhance their awareness and develop a habit of staying updated with ongoing technological advancements.

The “**What’s New?**” – **Tech Current Affairs** session proved to be an informative and engaging initiative that contributed to the academic and professional development of IEEE

members. The program received positive feedback from participants and further strengthened collaboration among the IEEE Student Branches involved.

The IEEE Student Branch, College of Engineering Trikaripur, extends sincere gratitude to the collaborating IEEE Student Branches of Government College of Engineering Kannur and NSS College of Engineering Palakkad, as well as all participants and volunteers, for their support and cooperation in making the event a success.



12.AMPUP: YOUNG VOICES IN ENERGY – CHARGING AHEAD

Date : 17th September 2025

IEEE Power & Energy Society (PES) Student Branch Chapter of **College of Engineering Trikaripur**, in association with the **IEEE Student Branch, College of Engineering Trikaripur**, successfully organized a technical talk titled **“AMPUP: Young Voices in Energy”** on the theme **“Charging Ahead – Electric Vehicles, Infrastructure and Road Ahead”** on **17th September 2025** at **7:30 PM**. The program was conducted with the objective of creating

awareness among students about the rapidly evolving electric vehicle ecosystem and the future of sustainable energy.

The session was handled by **Er. Suhas Krishnan**, Chartered Electrical Engineer and BIS Resource Person, holding an M.Tech in Power and Energy. The speaker shared valuable insights into the current trends in electric vehicles, charging infrastructure, and the challenges and opportunities associated with large-scale EV adoption. He emphasized the importance of efficient energy management, policy support, and technological innovation in shaping the future of electric mobility.

During the session, the speaker discussed real-world scenarios and practical considerations related to EV infrastructure development and grid integration. The interactive nature of the program encouraged participants to actively engage in discussions and clarify their doubts regarding career opportunities, technical challenges, and advancements in the energy sector. The session proved to be informative and inspiring for students interested in power, energy, and sustainable technologies.

The event witnessed active participation from students and IEEE members, making it a knowledge-rich and engaging experience. The coordinated efforts of the IEEE PES Student Branch Chapter and IEEE Student Branch CETKR ensured the smooth conduct of the program. The session also aligned well with the objectives of IEEE PES by promoting technical awareness and encouraging young engineers to contribute to the energy transition.

The **AMPUP: Young Voices in Energy** talk session turned out to be a successful initiative that enhanced students' understanding of electric vehicles and sustainable energy solutions. The program received positive feedback from participants and served as a valuable addition to the professional and technical activities of the Student Branch.

The IEEE PES Student Branch Chapter and IEEE Student Branch, College of Engineering Trikaripur, extend sincere gratitude to the resource person, organizers, volunteers, and participants for their support and cooperation, which contributed to the successful completion of the event.









AMPUP: YOUNG VOICES IN ENERGY

TOPIC:
CHARGING AHEAD
Electric Vehicles,
Infrastructure and Road ahead

Don't miss out on valuable
insights and actionable
tips from top leaders!

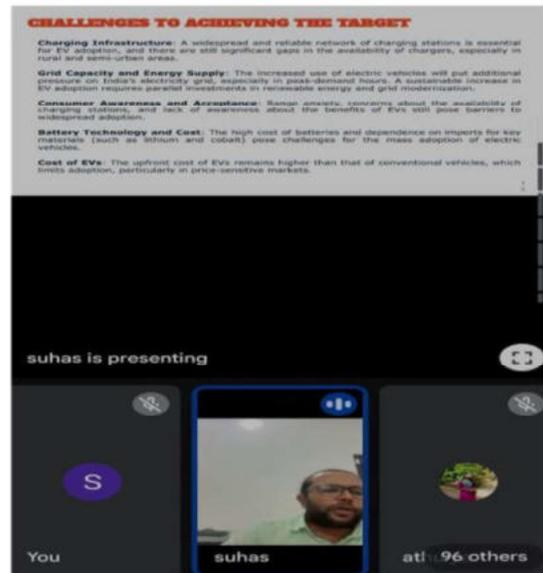
17 September, 2025
7:30 pm, Wednesday



ER. SUHASKRISHNAN
Chartered Electrical Engineer | BIS Resource Person
M.Tech in Power and Energy

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CHALLENGES TO ACHIEVING THE TARGET

Charging Infrastructure: A widespread and reliable network of charging stations is essential for EV adoption, and there are still significant gaps in the availability of chargers, especially in rural and semi-urban areas.

Grid Capacity and Energy Supply: The increased use of electric vehicles will put additional pressure on India's electricity grid, especially in peak-demand hours. A sustainable increase in EV adoption requires parallel investments in renewable energy and grid modernization.

Consumer Awareness and Acceptance: Range anxiety, concerns about the availability of charging stations, and lack of awareness about the benefits of EVs still pose barriers to widespread adoption.

Battery Technology and Cost: The high cost of batteries and dependence on imports for key materials (such as lithium and cobalt) pose challenges for the mass adoption of electric vehicles.

Cost of EVs: The upfront cost of EVs remains higher than that of conventional vehicles, which hinders adoption, particularly in price-sensitive markets.

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13.TECH TALK SERIES – HOW TO START A STARTUP FROM SCRATCH

Date: 18th September 2025

IEEE Student Branch of **College of Engineering Trikaripur**, in association with **Franklin's Lectures**, successfully organized a **Tech Talk Series** session titled **"How to Start a Startup from Scratch"** on **18th September 2025** at the **Seminar Hall, College of Engineering Trikaripur**. The program was conducted with the objective of inspiring students to explore entrepreneurship and gain practical insights into building startups from the ground up.

The session was handled by **Mr. Franklin**, founder of **Franklin's Lectures**, who shared his experiences and expertise in the field of entrepreneurship and startup development. The speaker discussed the essential stages involved in starting a startup, including idea generation, problem identification, market validation, team formation, funding basics, and

scaling strategies. The talk provided participants with a clear understanding of the entrepreneurial journey and the mindset required to succeed.

During the session, the speaker emphasized the importance of innovation, perseverance, and adaptability while building a startup. He shared real-life examples from his entrepreneurial experiences, which helped students understand the challenges and realities associated with launching and sustaining a startup. The interactive nature of the session encouraged students to actively participate by asking questions and clarifying doubts related to entrepreneurship.

The program witnessed active participation from students of various departments, making the session engaging and informative. The coordinated efforts of the IEEE Student Branch CETKR and Franklin's Lectures ensured the smooth conduct of the program. The session effectively motivated students to consider entrepreneurship as a viable and rewarding career path.

The **Tech Talk Series – How to Start a Startup from Scratch** turned out to be a successful initiative that significantly enhanced students' awareness of entrepreneurship and innovation. The program received positive feedback from participants and contributed to promoting startup culture within the campus.

The IEEE Student Branch, College of Engineering Trikaripur, extends sincere gratitude to the resource person, Franklin's Lectures, volunteers, and participants for their support and cooperation, which contributed to the successful completion of the program.





14.INIZIO 11.0 – A NEW BEGINNING

Date : 27th September 2025

The **IEEE Student Branch of College of Engineering Trikaripur** successfully conducted **INIZIO 11.0 – A New Beginning**, the flagship Freshers' Orientation Program, on **27th September 2025**. The program was organized with the objective of welcoming the newly admitted students and introducing them to IEEE, its global professional community, and the wide range of opportunities it offers for technical, professional, and personal development.

The program commenced at **9:30 AM** with a warm welcome address delivered by **Ms. Heba Hassan**, Chairperson of IEEE SB CETKR. This was followed by the **Inaugural Address** by **Dr. Mahesh V V**, Principal, College of Engineering Trikaripur, who encouraged students to actively engage in technical and professional activities during their academic journey. The **Presidential Address** was delivered by **Mrs. Naveena A K**, Branch Counsellor, IEEE SB CETKR, highlighting the importance of IEEE in shaping students' professional growth and preparing them for global challenges. The **Code of Ethics** was presented by **Mr. Akshay**

Sreedharan, Secretary, IEEE SB CETKR, emphasizing the ethical values and professional conduct upheld by IEEE. The inaugural session concluded with a **Vote of Thanks** proposed by **Ms. Aliya T M**, Vice Chairperson of IEEE SB CETKR, and the inaugural ceremony came to an end at **10:30 AM**.

Following the inaugural session, the program continued with interactive and informative segments designed to familiarize the freshers with the vision, mission, and activities of IEEE Student Branch CETKR. These sessions focused on creating awareness about IEEE membership benefits, student chapters, affinity groups, and the importance of early involvement in technical and professional activities. The sessions were engaging and helped students feel comfortable and motivated as they began their academic journey.

After the lunch break, the volunteers arranged an engaging **Gaming Session**, which included activities such as a **Treasure Hunt** that energized the students and encouraged active participation. The session created a lively atmosphere, allowing students to showcase their **creativity, teamwork, and problem-solving skills**. The gaming activities strengthened interaction among the freshers and added an element of fun and enthusiasm to the program.

INIZIO 11.0 also emphasized the significance of networking, teamwork, leadership, and innovation among students. The event successfully instilled enthusiasm and curiosity among the freshers, encouraging them to actively participate in future IEEE activities and contribute to the growth of the Student Branch. The volunteers and Student Branch members ensured smooth coordination and effective execution of the program throughout the day.

The event **INIZIO 11.0 – A New Beginning** marked a memorable start for the new batch of students and strengthened the foundation of IEEE Student Branch CETKR by fostering early engagement and awareness. The program concluded on a positive note, receiving encouraging feedback from participants and setting the stage for a vibrant and productive academic year ahead.



15.PANEL DISCUSSION – BRIDGING THE GENDER GAP IN TECHNICAL FIELD

Date : 8th October 2025

The **IEEE Women in Engineering (WIE) Affinity Group**, in association with the **IEEE Student Branch, College of Engineering Trikaripur**, successfully organized a **Panel Discussion** on the topic “**Bridging the Gender Gap in Technical Field**” in connection with **IEEE Day celebrations**. The program was conducted on **8th October 2025** from **11:15 AM to 12:15 PM** at the **Main Seminar Hall**, College of Engineering Trikaripur.

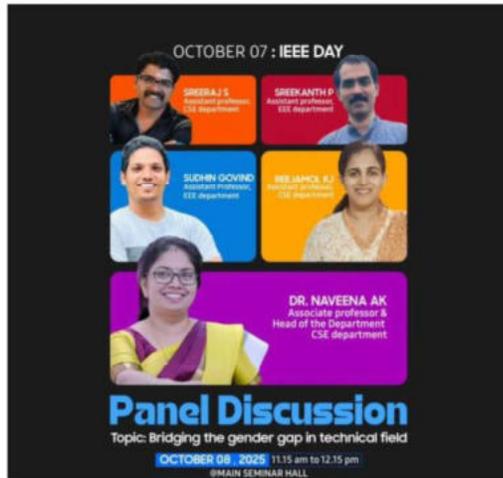
The panel discussion aimed to create awareness and encourage meaningful conversations on gender equality, inclusivity, and representation of women in technical and engineering fields. The session brought together experienced faculty members who shared their insights, experiences, and perspectives on the challenges and opportunities related to bridging the gender gap in technology.

The panel comprised **Mr. Sreeraj S**, Assistant Professor, CSE Department; **Mr. Sreekanth P**, Assistant Professor, EEE Department; **Mr. Sudhin Govind**, Assistant Professor, EEE Department; **Ms. Reeja Mol K J**, Assistant Professor, CSE Department; and **Dr. Naveena A K**, Associate Professor and Head of the Department, CSE Department. The panelists discussed key aspects such as gender bias in technical fields, the importance of mentorship, institutional support, and strategies to empower women students to pursue and sustain careers in engineering and technology.

The discussion was interactive and engaging, with students actively participating by asking questions and sharing their views. The panelists addressed the queries thoughtfully, motivating students to challenge stereotypes, build confidence, and support an inclusive academic and professional environment. The session helped students gain a broader understanding of the role of equality and diversity in driving innovation and excellence in technology.

The collaborative efforts of the IEEE WIE Affinity Group and IEEE Student Branch CETKR ensured the smooth conduct of the program. The panel discussion proved to be a meaningful and impactful initiative that aligned well with the objectives of IEEE Day by promoting diversity, inclusion, and social responsibility within the technical community.

The **Panel Discussion on “Bridging the Gender Gap in Technical Field”** concluded successfully with positive feedback from participants. The event contributed significantly to raising awareness on gender equality in technology and strengthened the role of IEEE WIE in fostering an inclusive and supportive environment for aspiring engineers.



16.TECH QUIZ – PRE-EVENT OF INQUA

Date : 10th October 2025

The **IEEE Student Branch**, in association with the **College Union of College of Engineering Trikaripur**, successfully conducted a **Tech Quiz Competition** as a **pre-event** of the

National Level Technical Fest – INQUA, organized by the College of Engineering Trikaripur. The event was held on **10th October 2025 (Friday)** at **1:30 PM** in the **Main Seminar Hall**.

The Tech Quiz was organized with the objective of promoting technical awareness, logical thinking, and enthusiasm among students ahead of the national-level tech fest. The competition served as an engaging platform for students to test their knowledge in various domains of science, technology, and engineering, while also creating excitement and anticipation for INQUA.

The quiz witnessed enthusiastic participation from students across different departments. The event was conducted in an interactive and competitive manner, encouraging teamwork, quick thinking, and problem-solving skills among the participants. The questions covered a wide range of technical topics, making the session both challenging and informative.

The volunteers and members of IEEE SB CETKR played a vital role in the smooth coordination and execution of the event. The Tech Quiz successfully fulfilled its purpose as a pre-event by energizing the participants and setting the tone for the upcoming **National Level Tech Fest – INQUA**.

The event concluded on a successful note, with positive feedback from participants, and contributed significantly to enhancing student engagement and technical curiosity within the campus.





17.WEBINAR ON GREEN ENERGY: TECHNOLOGIES AND SUSTAINABLE POWER SYSTEMS

Date : 13th October 2025

The **IEEE Power & Energy Society (PES) Student Branch Chapter, College of Engineering Trikaripur**, in collaboration with the **EEE Association**, successfully organized a **webinar on “Green Energy: Technologies and Sustainable Power Systems”** on **Monday, 13th October 2025**, at **7:30 PM**. The event was conducted as part of the Student Branch’s initiatives to promote awareness on sustainable and eco-friendly energy solutions.

The webinar aimed to provide participants with insights into emerging green energy technologies and the importance of sustainable power systems in addressing global energy challenges. The session highlighted the role of renewable energy sources in reducing environmental impact and ensuring a sustainable future.

The session was handled by **Mr. Adil Nasser**, Assistant Professor, EEE Department, who served as the resource person for the webinar. The speaker delivered an informative and engaging session covering various aspects of green energy technologies, modern power systems, and their applications in real-world scenarios. He also discussed the challenges faced in implementing sustainable energy solutions and emphasized the need for innovation and research in the field of renewable energy.

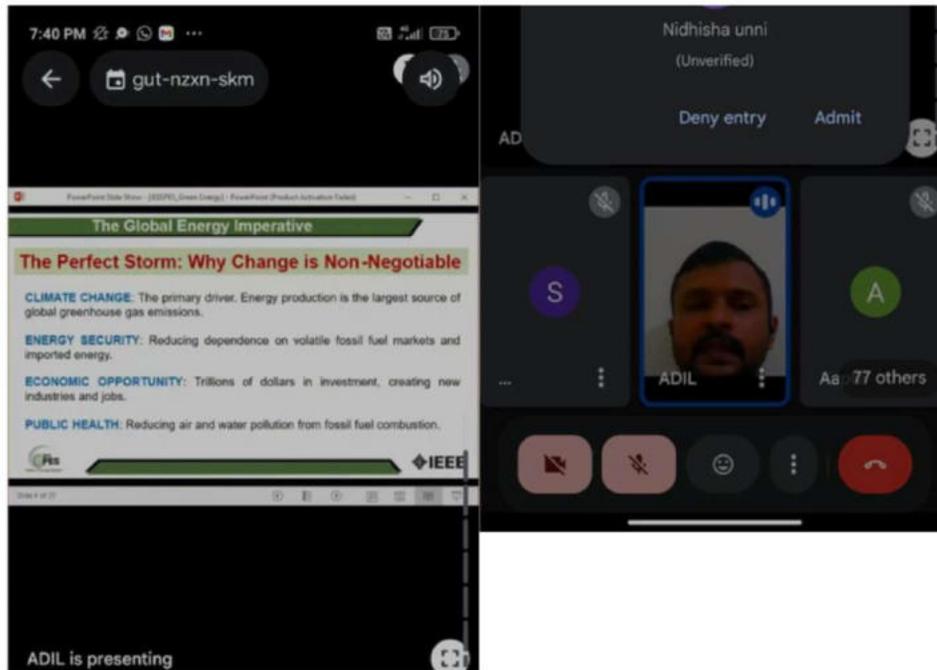
The webinar witnessed active participation from students, who showed keen interest in the topic. An interactive discussion followed the session, during which participants raised questions and shared their thoughts on sustainable energy practices. The speaker addressed the queries effectively, making the session both informative and thought-provoking.

The collaborative efforts of **IEEE PES SB CETKR** and the **EEE Association** ensured the smooth conduct of the webinar. The event successfully enhanced participants' understanding of green energy technologies and reinforced the importance of sustainability in the power and energy sector.

The webinar concluded on a successful note, receiving positive feedback from the participants and contributing meaningfully to the technical and environmental awareness initiatives of IEEE Student Branch CETKR.



The poster features logos for IEEE PES SB CETKR, PES, and IEEE at the top. The main text reads: "IEEE PES SB CETKR In Collaboration with EEE association Organises a Webinar on: Green Energy Technologies and Sustainable Power Systems". The event is scheduled for "Monday 13 October AT 07:30 PM". The speaker is "Adil Nasser, Assistant Professor, EEE, Speaker". A quote at the bottom states: "Be part of our upcoming webinar exploring Green Energy Technologies and Sustainable Power Systems." A "REGISTER NOW" button is present. Social media icons and the handle "@ieeesbcetkr" are at the bottom.



18.BOOST YOUR CAREER VOLTAGE: PES MD SESSION

Date: 5th December 2025

The **IEEE Power & Energy Society (PES) Student Branch Chapter of College of Engineering Trikaripur**, in association with **IEEE SB CETKR**, successfully organized a **PES MD Session** titled **“Boost Your Career Voltage”** on **5th December 2025 at 7:00 PM**, conducted through **Google Meet**.

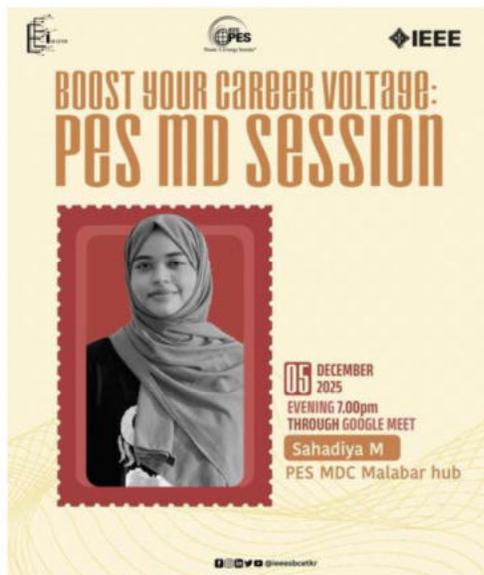
The session was aimed at creating awareness among students about the **PES Membership Development (MD) program**, its benefits, and how involvement in PES can significantly enhance technical knowledge, professional exposure, and career growth in the power and energy sector.

The session was handled by **Ms. Sahadiya M**, representative of **PES MDC Malabar Hub**, who delivered an insightful and motivating talk. She explained the importance of being an active IEEE PES member, highlighting opportunities such as networking, leadership

development, technical events, global exposure, and career advancement through PES activities. The speaker also shared valuable guidance on how students can actively engage in PES initiatives and make effective use of IEEE resources.

The session was interactive, with participants actively engaging by raising questions related to PES membership, volunteering opportunities, and professional growth. The speaker addressed all queries with clarity, making the session informative and encouraging for attendees.

The **PES MD Session** concluded successfully with positive feedback from participants. The program effectively motivated students to explore IEEE PES membership and actively participate in technical and professional activities under IEEE.



19. EXPERT TALK ON HOUSEHOLD ENERGY MANAGEMENT

Date: 18th December 2025

The **IEEE Power & Energy Society (PES) Student Branch Chapter**, in association with the **IEEE Student Branch, College of Engineering Trikaripur**, successfully organized an **Expert**

Talk on “Household Energy Management” on **18th December 2025** at **11:30 AM** in the **Main Seminar Hall**, College of Engineering Trikaripur. The program was conducted in collaboration with the **IEEE PES Kerala Chapter** as part of initiatives to promote energy efficiency and sustainable energy practices.

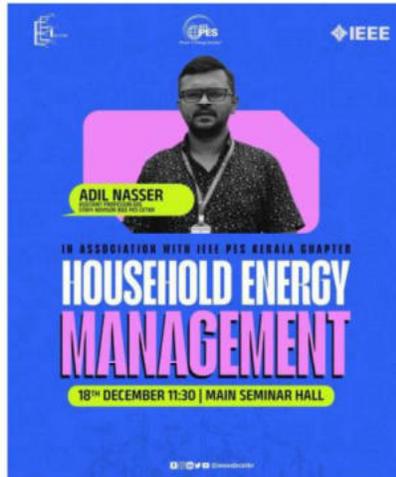
The session aimed to create awareness among students about effective household energy management, efficient utilization of electrical energy, and the importance of adopting sustainable energy practices in daily life. The talk focused on practical approaches to reduce energy consumption and promote responsible energy usage.

The session was handled by **Mr. Adil Nasser**, Assistant Professor, EEE Department and **Staff Advisor, IEEE PES SB CETKR**, who served as the resource person. The speaker delivered an insightful session covering various aspects of household energy consumption, energy-efficient appliances, load management strategies, and the role of consumers in reducing energy wastage. He also highlighted the significance of smart energy management in achieving long-term sustainability.

The session was interactive and engaging, with students actively participating and raising queries related to energy conservation and real-life applications of household energy management techniques. The speaker addressed the questions effectively, making the session informative and practical.

The collaborative efforts of **IEEE SB CETKR, IEEE PES SB CETKR** ensured the smooth conduct of the program. The event successfully enhanced participants’ understanding of energy management and reinforced the importance of sustainable practices in the power and energy sector.

The **Expert Talk on Household Energy Management** concluded on a successful note, receiving positive feedback from the participants and contributing meaningfully to the technical and environmental awareness activities of IEEE Student Branch CETKR.



20.WEBSITE LAUNCH OF IEEE STUDENT BRANCH CETKR

Date: 18th December 2025

The **IEEE Student Branch of College of Engineering Trikaripur** successfully conducted the **Website Launch of IEEE SB CETKR** on **18th December 2025 (Thursday)** at **11:15 AM** in the **Main Seminar Hall**, College of Engineering Trikaripur. The event marked an important milestone in strengthening the digital presence of the Student Branch and enhancing communication, outreach, and accessibility of IEEE activities.

The program commenced with a **welcome address** delivered by **Ms. Heba Hassan**, Chairperson of IEEE SB CETKR, who warmly welcomed the dignitaries, faculty members, and students, and highlighted the significance of launching a dedicated website for the Student Branch.

This was followed by the **Presidential Address** by **Mrs. Naveena A K**, Branch Counsellor, IEEE SB CETKR, who emphasized the importance of digital platforms in promoting student activities, sharing knowledge, and connecting with the global IEEE community.

The **inaugural address and official launch of the website** were carried out by **Dr. Mahesh V V**, Principal, College of Engineering Trikaripur. In his address, he appreciated the efforts of

the IEEE Student Branch in embracing digital transformation and encouraged students to actively utilize the website as a platform for learning, collaboration, and professional growth.

The program concluded with a **Vote of Thanks** proposed by **Ms. Aliya T M**, Vice Chairperson of IEEE SB CETKR, who expressed gratitude to the dignitaries, faculty members, Student Branch volunteers, and all participants for their support and cooperation in making the event a success.

The **Website Launch of IEEE SB CETKR** was a significant step towards improving visibility, documentation, and engagement of IEEE activities. The event concluded successfully, receiving positive feedback and marking the beginning of a new digital chapter for IEEE Student Branch CETKR.





21.OBSCURA 1.0 – 18 HOUR HACKATHON

Date : 9th ,10th January 2026

The **IEEE Student Branch of College of Engineering Trikaripur**, in association with its technical societies and affinity groups, successfully organized **OBSCURA 1.0**, an **18-hour hackathon**, on **9th and 10th January 2026**. The hackathon commenced at **2:00 PM on 9th January 2026** and concluded at **10:00 AM on 10th January 2026**, providing participants with an intensive platform to innovate, code, and develop creative technical solutions.

OBSCURA 1.0 was organized with the objective of encouraging problem-solving skills, teamwork, creativity, and hands-on technical experience among students. The event witnessed enthusiastic participation from student teams who worked continuously throughout the hackathon duration to design and implement innovative ideas.

Participants were given the opportunity to collaborate, brainstorm, and develop functional solutions within a limited timeframe. The hackathon environment promoted learning, innovation, and peer interaction, helping students enhance their practical knowledge and technical confidence.

The projects developed during the hackathon were evaluated by an expert panel comprising **Dr. Naveena A K**, Associate Professor, CSE Department, and **Mr. Sreeraj S**, Assistant Professor, CSE Department. The evaluators assessed the projects based on innovation, technical implementation, problem relevance, and presentation. Their valuable feedback and guidance added significant learning value to the event.

At the conclusion of the hackathon, the winners of **OBSCURA 1.0** were announced.

- **First Prize** was secured by the team **4NOT4**
- **Second Prize** was secured by the team **Byte Bandits**

The hackathon concluded successfully with the distribution of prizes and appreciation of all participating teams. **OBSCURA 1.0** proved to be a highly engaging and impactful event that fostered innovation, technical excellence, and collaborative learning among students.

The coordinated efforts of IEEE Student Branch volunteers ensured the smooth conduct of the hackathon throughout the 18-hour duration. The event received positive feedback from participants and marked another successful technical initiative by **IEEE SB CETKR**.





22.TALK SESSION ON BIG DATA AND AI

Date:13th JAnuary 2026

The **IEEE Student Branch of College of Engineering Trikaripur**, in association with its technical societies and affinity groups, successfully organized a **Talk Session on “Big Data and AI”** on **13th January 2026** from **1:30 PM to 2:30 PM** at the **Main Seminar Hall**, College of Engineering Trikaripur.

The session was organized with the objective of providing students with insights into the rapidly evolving fields of **Big Data and Artificial Intelligence**, and to help them understand real-world applications and industry perspectives related to data-driven technologies.

The session was delivered by **Mr. Jishnu Kurunthala, Staff Machine Learning Engineer at The Home Depot, USA**, and an **IEEE Senior Member**. The speaker shared his professional experiences and explained the fundamentals of Big Data, the role of AI in modern systems, and how data-driven decision-making is transforming industries across the globe. He also discussed current trends, tools, and career opportunities in the domains of data science and artificial intelligence.

The talk was informative and engaging, providing students with practical knowledge and clarity about the skills required to build a career in Big Data and AI. An interactive question-and-answer session followed, during which participants actively raised queries related to industry practices, learning paths, and future prospects. The speaker addressed the questions with valuable insights, making the session highly beneficial for the attendees.

The coordinated efforts of the IEEE Student Branch volunteers ensured the smooth conduct of the session. The **Talk Session on Big Data and AI** concluded successfully with positive feedback from participants, contributing significantly to enhancing technical awareness and industry exposure among students.

