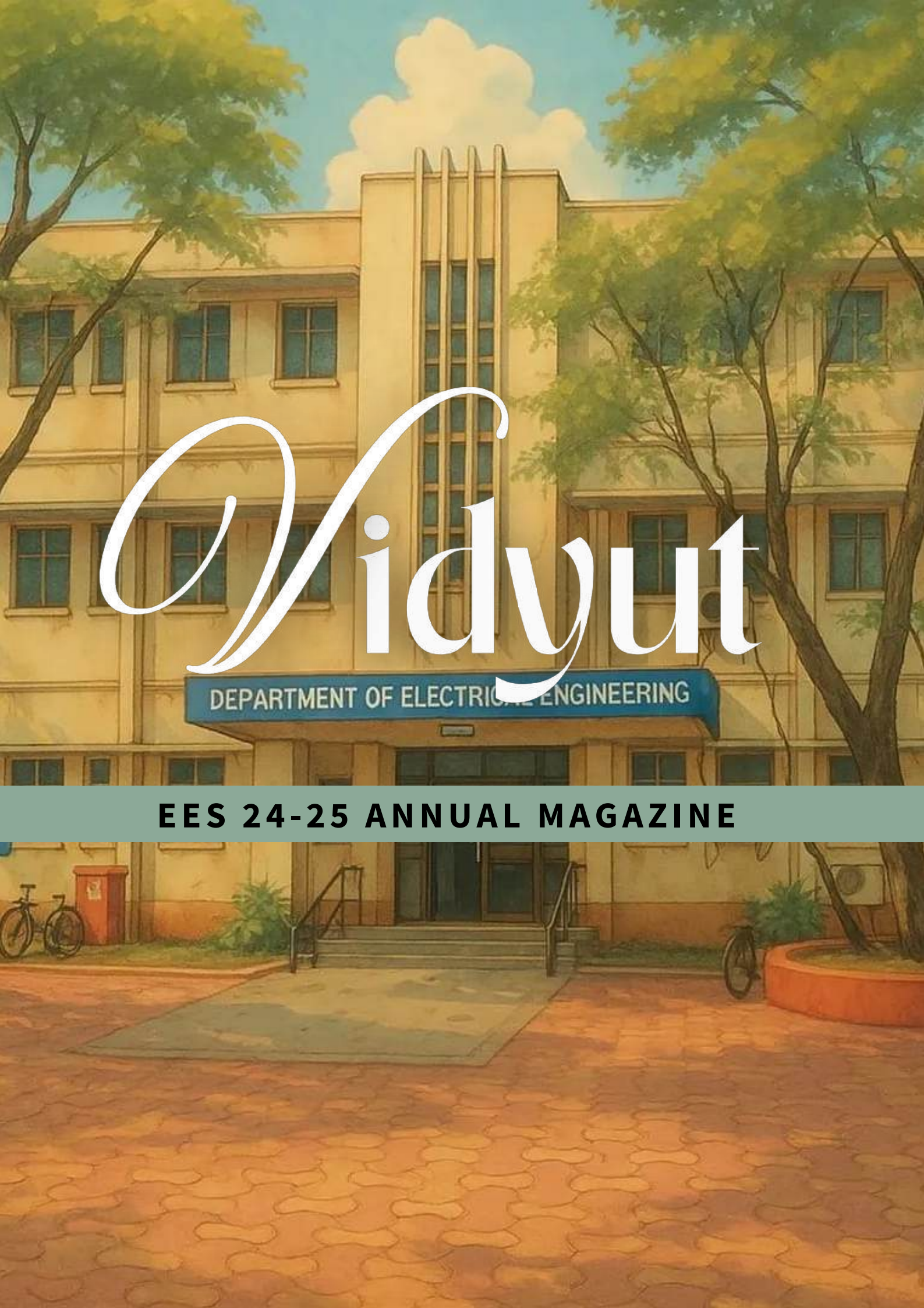


EES 24-25 ANNUAL MAGAZINE

ELECTRICAL ENGINEERING SOCIETY
PRESENTS

ANNUAL REPORT

OF ACADEMIC YEAR 2024 - 25

OUR PIONEERS



PROF. N V SRIKANTH
HOD, EED



PROF. T VINAY KUMAR
FACULTY ADVISOR



PROF. ALTAF BADAR
TREASURER

FOREWORD



PROF. N V SRIKANTH
HOD, EED

The Electrical Engineering Society (EES) has consistently served as a platform for developing leadership, management, and technical skills, essential for students' career growth. By actively participating in organizing and executing events, students gain invaluable experience that prepares them for future challenges and enhances their professional journeys.

This year, the society has organized over 56 remarkable events, demonstrating outstanding dedication and professionalism. I would like to especially appreciate the leadership of General Secretary Rakesh Sinha, Secretary Abhinay Challa, and all team members who contributed to this success. I also extend my heartfelt thanks to Prof. Dr. T. Vinay Kumar, Faculty Advisor, for his continuous guidance, and to Dr. Altaf Q. H. Badat, Treasurer, for his unwavering support in managing the society's resources effectively.

Looking ahead, I am confident that the upcoming team will continue this legacy and create even more opportunities for growth and success. I commend everyone involved for their hard work, and I look forward to seeing the society achieve even greater milestones in the future.



PROF. ALTAF QURBAN HUSSAIN BADAR

TREASURER, EES

This year, the Electrical Engineering Society (EES) has successfully organized over 56 events, showcasing the dedication and hard work of the entire team. These events have provided students with valuable opportunities to develop leadership, management, and technical skills that will benefit their future careers.

I extend my appreciation to General Secretary Rakesh Sinha, Secretary Abhinay Challa, and the entire team for their exceptional leadership and commitment. I also thank Prof. Dr. T. Vinay Kumar, Faculty Advisor, for his continuous support in guiding the society's success.

The EES remains a key platform for student growth, and I am confident that the upcoming team will carry forward this legacy, achieving even greater milestones in the years ahead.



PROF. T VINAY KUMAR
FACULTY ADVISOR

It is a matter of immense pride to witness the remarkable achievements of the Electrical Engineering Society (EES) this year. The team has successfully organized over 56 events spanning technical, cultural, and sports domains, each executed with dedication and professionalism. Their efforts have significantly contributed to fostering an engaging and dynamic environment within the department.

I extend my sincere appreciation to General Secretary Rakesh Sinha and Secretary Abhinay Challa for their outstanding leadership in driving the team toward success. Their vision and commitment have ensured the smooth execution of various initiatives.

My gratitude also goes to Dr. Altaf Q. H. Badar, our Treasurer, for his support in resource management, and to Prof. N. V. Srikanth, Head of the Department, for his invaluable guidance throughout.As we look ahead, I am confident that EES will continue to excel and set new standards in both academic and extracurricular pursuits.

My heartfelt congratulations to the entire team for an outstanding year, and I extend my best wishes for their future endeavors.

FAREWELL WORDS FROM FINAL YEARS



RAKESH SINHA
GENERAL SECRETARY, EES

"If you don't like how things are going, refuse to accept them—be the one to change them."

My journey with the Electrical Engineering Society (EES) has been nothing short of a roller-coaster ride. From starting as a volunteer in my first year to serving as the General Secretary in my fourth year, it has been an incredible honor to represent the department and lead some of the most talented and intelligent individuals in our college. This journey has not only shaped me as a leader but also provided me with the opportunity to contribute to the growth and success of our department.

The 2024-25 academic year was a landmark period for EES, with 56+ events—setting a record since the society's inception in 2002. This success was only possible due to the relentless efforts of a highly motivated, dedicated, and enthusiastic team. Together, we worked tirelessly to elevate the Electrical and Electronics Engineering (EEE) department by organizing a variety of co-curricular and extracurricular activities. These initiatives actively engaged students, fostering both academic and non-academic growth and creating a vibrant learning environment.

As I step down as the outgoing General Secretary, I am filled with gratitude for the opportunities EES has provided me throughout these four years. The memories and bonds I have formed with my team will last a lifetime. I would like to extend my heartfelt thanks to our faculty advisor, Prof. T. Vinay Kumar, and our treasurer, Prof. Altaf Q. H. Badar, whose unwavering support was instrumental in making EES 2024-25 a resounding success. It has been a privilege to be a part of EES and contribute to the department along the way.



ABHINAY CHALLA
SECRETARY, EES

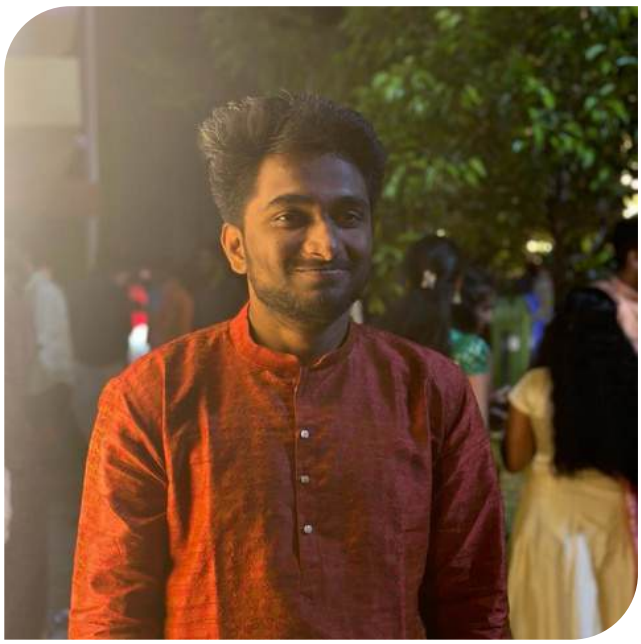
My journey as an Electrical Engineer has been nothing short of extraordinary, filled with growth, teamwork, and unforgettable moments. Serving as the Secretary of the Electrical Engineering Society (EES) 2024-25 has been a truly enriching experience.

This year, we redefined EES—not just as a platform for technical excellence but as a vibrant community embracing cultural and sports activities. Conducting 56 events in a single academic year was an ambitious feat, made possible by the dedication and teamwork of every member. From day one, I felt the one-family spirit within our team, and that bond only grew stronger with time.

As Alfred Lord Tennyson said, “I am a part of all that I have met.” Over the last three years, EES has connected me with 150+ people, each leaving an imprint on me. From planning and organizing events to negotiating, collaborating, and celebrating every milestone, this journey has been a masterclass in leadership, teamwork, and resilience.

I extend my deepest gratitude to our HOD, Prof. N V Srikanth sir, our Faculty Advisor, Prof. Vinay Kumar sir, and our Treasurer, Prof. Altaf Badar sir, whose unwavering support made all of this possible.

With countless memories, lifelong friendships, and a heart full of content, I, Abhinay Challa, sign off as the Secretary of the Electrical Engineering Society 2024-25.



THARUN BOLLAM
ADDITIONAL SECRETARY, EES

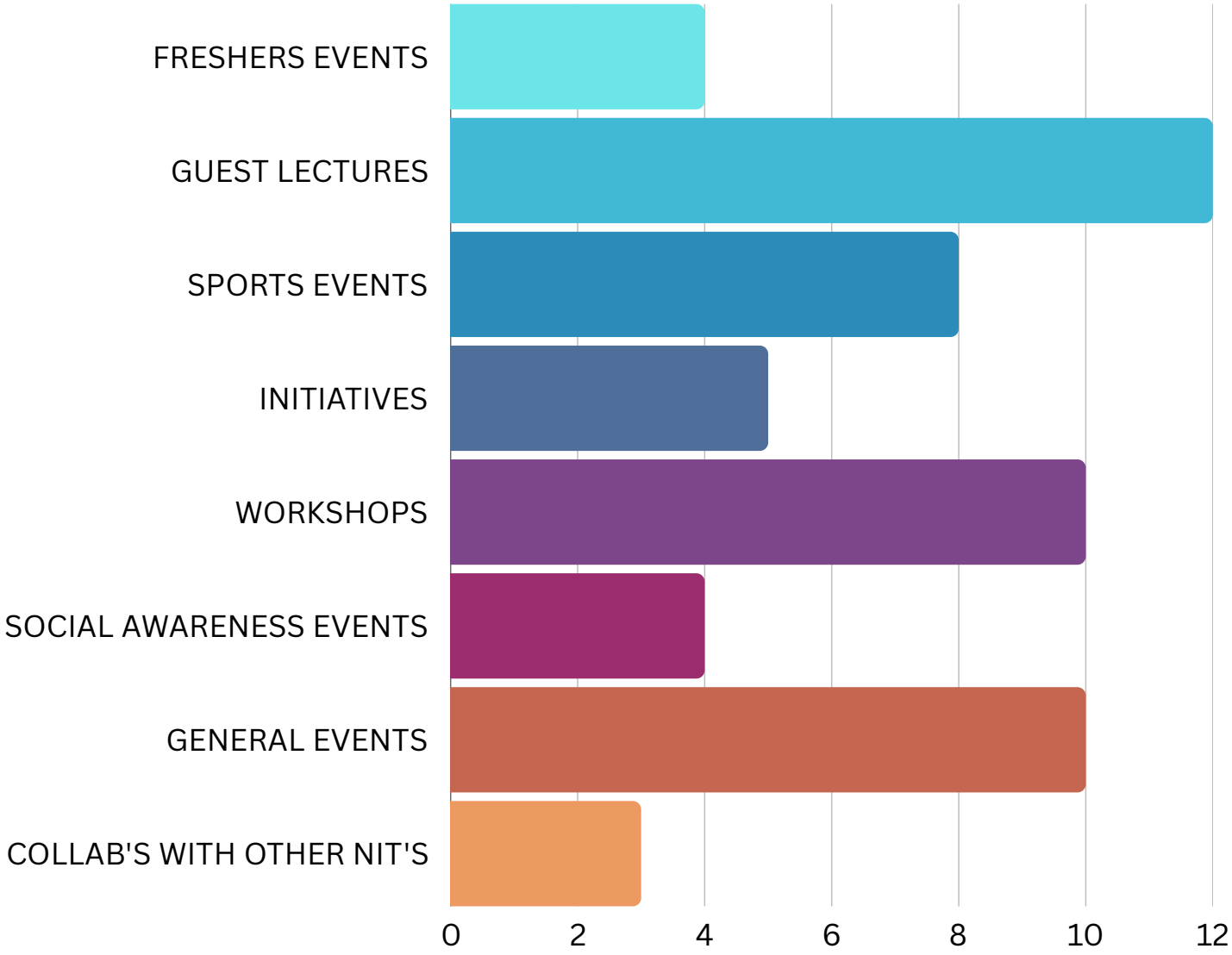
Being a part of the Electrical Engineering Society has been one of the most enriching experiences of my college life. From organizing events and technical fests to collaborating with societies from other NITs, this journey has been nothing short of incredible. Through this society, I have witnessed the power of teamwork, leadership, and innovation—values that I will carry forward in my professional journey. The friendships built, the challenges overcome, and the knowledge gained will always remain close to my heart.

As Rumi said, "Conventional opinion is the ruin of our souls." If we only follow the well-trodden path, we limit our potential. EES has been a testament to this philosophy—a space where ideas weren't just accepted but challenged, where learning went beyond textbooks, and where innovation thrived by breaking norms. This society didn't just teach us engineering; it taught us to think differently, to question, and to push the boundaries of what's possible.

To my juniors, I encourage you to carry this spirit forward—don't just follow, explore; don't just learn, innovate; don't just accept, challenge. Keep the flame of curiosity alive and take EES to greater heights. A heartfelt thank you to all my mentors, professors, and peers who have guided and supported me throughout this journey. Though I may be leaving the campus, I will always be a proud member of this family.

Wishing the Electrical Engineering Society and all its members continued success in the years ahead!

THE STATS DON'T FAKE IT



56 EVENTS | **5K+ PARTICIPANTS**

EES

National Institute of Technology Warangal

TABLE OF CONTENT

01 INAGURATION



02 FLASH



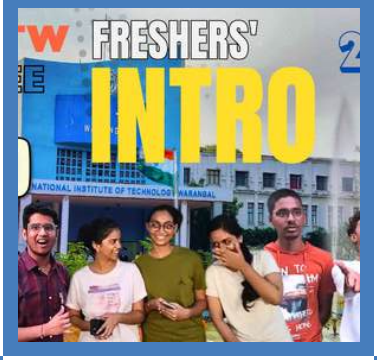
03 FRESHERS ORIENTATION



04 FRESHERS ROADMAP



05 FRESHERS INTRO VIDEO



06 TEACHERS DAY CELEBRATIONS



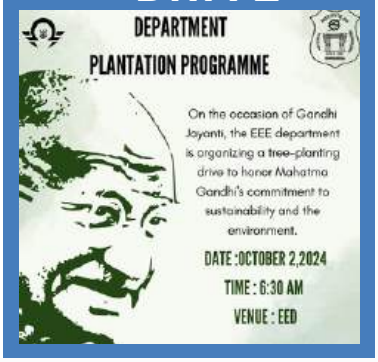
07 FRESHERS



08 T SHIRT DESIGNING



09 PLANTATION DRIVE



10

SDC ROUND 1



11

GATE WEBINAR



12

MEET THE PROFESSOR



13

DIWALI CELEBRATION



14

YOKOGAWA PRESENTATION



15

DAAD STUDY GERMANY



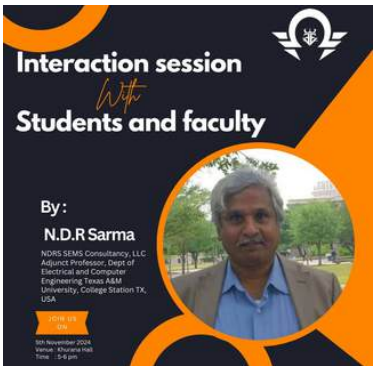
16

EXPERT TALK DR. VEERA RAJU



17

EXPERT TALK DR. NDR SHARMA



18

FEEL THE PAIN



19
VOLTAGE VORTEX



20
MATLAB WORKSHOP



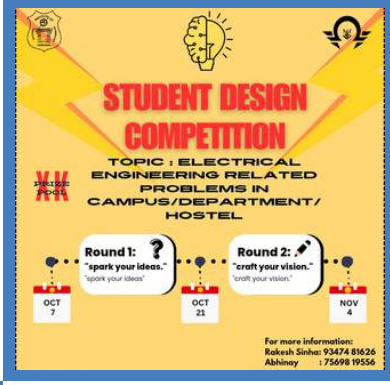
21
ANSYS SOFTWARE



22
CLOTH DONATION



23
SDC ROUND 2



24
TALK SHOW RUKMINI DATTA



25
GURU VANDAN



26
ALUMNI MEET



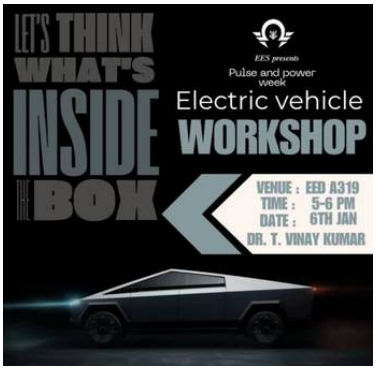
27
WEBSITE DESIGN



28
TAIWAN PROF EVENT



29
EV WORKSHOP



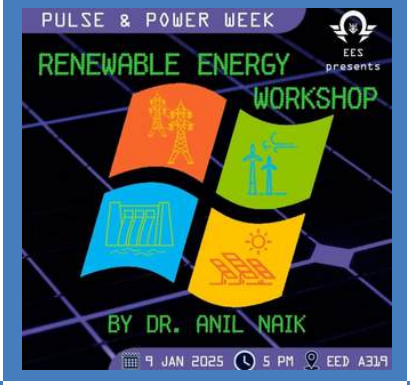
30
VERILOG WORKSHOP



31
CASE STUDY WORKSHOP



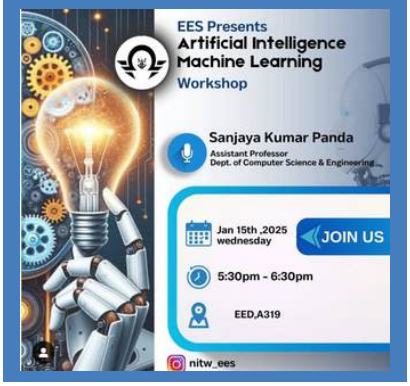
32
RENEWABLE ENERGY



33
RESUME REPOSITORY



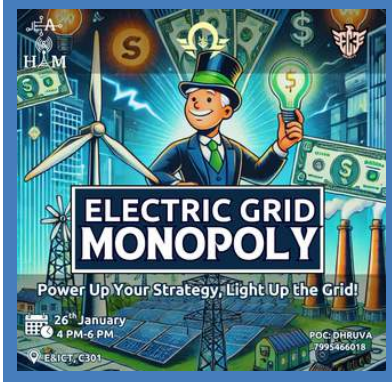
34
AI ML WORKSHOP



35
CIRCUITS WORKSHOP



36
POWER GRID MONOPOLY



37 GATE MOCK TEST



38 ELECTROQUAD HACKATHON



39 ELECTROQUAD QUIZ



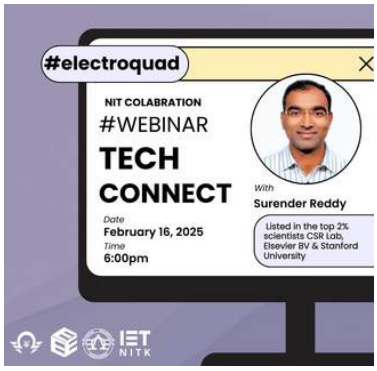
40 ELECTROQUAD CASE STUDY



41 INDUSTRAIL TALK



42 FACULTY WEBINAR



43 BVR CHOWDARI (MES +EES)



44 ESPORTS



45 EPICS TALK



46
INTERN TALK



47
SPORTS WEEK CRICKET



48
VOLLEYBALL TOURNAMENT



49
BADMINTON TOURNAMENT



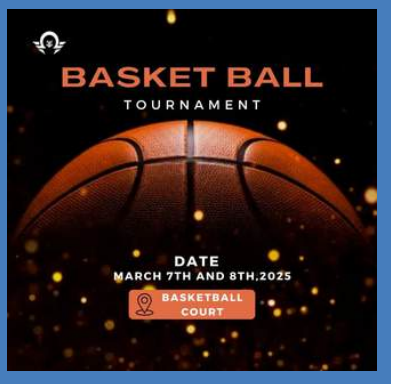
50
CHESS TOURNAMENT



51
CARROM TOURNAMENT



52
BASKETBALL TOURNAMENT



53
TABLE TENNIS TOURNAMENT



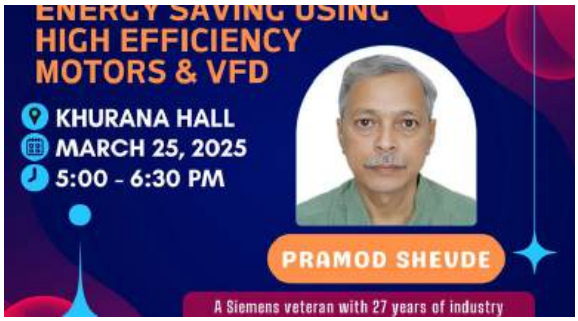
54
VILLAGE VISIT



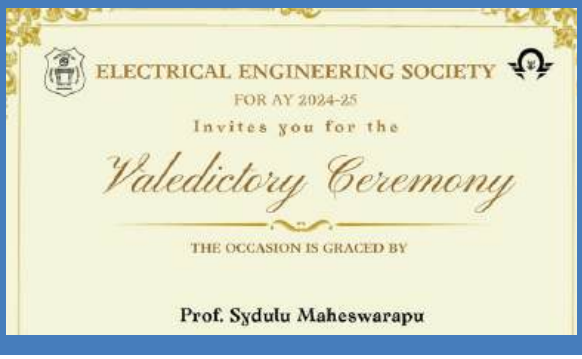
55 SCHOOL VISIT



56 GUEST LECTURE ON ENERGY SAVING



57 VALEDICTORY



58 CLASS OF EES 2024 - 2025



Inaugral Ceremony

The inaugural event was more than just a kickoff—it marked EES's renewed vision and commitment to excellence. With keynote addresses from renowned academics and industry leaders, the event emphasized innovation, collaboration, and ethical engineering. Interactive sessions allowed students and faculty to share aspirations, making it a collective celebration of new beginnings. This inspiring day set the stage for a year of growth and achievement.



"From sparks of curiosity to currents of innovation, we power the future together."



Fresher's Orientation





Freshers' Orientation, led by the ever-inspiring Sailaja Mam, was a warm and informative welcome to the newest members of the EES community. With her approachable demeanor and wealth of experience, Sailaja Mam not only introduced the organizational structure of the society but also shared invaluable life lessons. She discussed the importance of balancing academic rigor with extracurricular enthusiasm, and stressed that every challenge is an opportunity in disguise. Her storytelling—rich with personal anecdotes and success stories—helped demystify the college experience, encouraging freshers to see setbacks as learning milestones. The session was both an academic primer and a heartfelt welcome, leaving students feeling both prepared and genuinely excited for the journey ahead.

Fresher's Intro video



The Freshers' Intro Video was a creative and engaging production that played a pivotal role in introducing the new cohort to the broader EES community. The video combined personal interviews, candid behind-the-scenes moments, and dynamic visuals that captured the excitement and diversity of the freshers. It served as a virtual handshake, giving each new student a moment to shine while also weaving a narrative of unity and shared purpose. The video's creative editing, upbeat soundtrack, and witty commentary made it an instant hit, not only as an introduction but also as a piece of art that showcased the creativity and spirit of the EES community. By the end, viewers were left with a strong sense of belonging and an eagerness to contribute to the society's vibrant legacy.

Fresher's Roadmap



The Freshers' Roadmap session was meticulously designed to serve as a guiding beacon for new students embarking on their academic and professional journeys. The event featured a detailed breakdown of the various opportunities available—ranging from technical workshops and industry meet-ups to leadership training and research projects.

Experienced seniors and faculty members were on hand to provide mentorship, share practical tips, and answer any questions about life as an engineering student. The roadmap was more than just a schedule; it was a strategic plan to help freshers navigate the complexities of college life, making them aware of not just what they should study, but also how to build networks, manage time, and take advantage of every learning opportunity available. This session empowered students with clarity and purpose right from the start.



Flash

After weeks of delivering electrifying insights and fueling curiosity among budding engineers, Flash—the Electrical Engineering Society's (EES) signature knowledge series—has come to a remarkable conclusion. Throughout its run, Flash offered concise, cutting-edge wisdom on emerging trends, core principles, and real-world applications in the realm of electrical engineering.

Twice-weekly updates ensured that students and professionals alike stayed informed about the newest breakthroughs without getting overwhelmed. Though this series has come to a close, its spirit of continuous learning and innovation lives on. We look forward to bringing more dynamic initiatives that empower the next generation of electrical engineers to think big, stay curious, and light the way forward.

















Celebrating Teachers' Day: A Tribute to Our Mentors





The Teachers' Day celebration was more than an event; it was a heartfelt tribute to those who selflessly dedicate their lives to educating and mentoring students. On this special day, our department celebrated the dedication and wisdom of our teachers with heartfelt gratitude. The event featured with enthusiasm, a heartfelt speech by the department head, and gratitude, paying tribute to the remarkable mentors who guide and inspire us daily. One of the standout features of this year's Teachers' Day event was the "Memory Lane" segment, where students and faculty shared anecdotes that highlighted the lighter and more personal sides of classroom experiences. Teachers reminisced about funny and memorable moments, while students shared how their teachers inspired them to overcome challenges and pursue excellence. The blend of humour, emotion, and mutual respect showcased the deep bond between teachers and students, making the day truly unforgettable.

Fresher's Party: Electro Groove Edition







The Freshers Party, aptly themed "Electro Groove", was an exhilarating event that marked the beginning of a new journey for the incoming batch. The Fresher's Party was not just about fun; it was a heartfelt effort to make the newcomers feel welcome and at home. The seniors took the stage to share insights, tips, and advice for excelling both academically and socially within the department. The evening was filled with laughter, music, and dancing as students , second years came together to welcome the fresh faces. The venue was adorned with vibrant lights and decorations, setting the perfect mood for a fun-filled celebration. Icebreaker games helped freshers connect with their seniors and peers, breaking any initial hesitations and building camaraderie. The party included several interactive activities, such as trivia contests and talent showcases, where freshers exhibited their hidden talents, from singing to stand-up comedy. The crowd cheered enthusiastically, making every participant feel appreciated and celebrated. A fashion segment added a touch of glamour, with students flaunting stylish and creative outfits. A photo booth with quirky props captured unforgettable moments, ensuring that memories from the evening would be cherished forever. The highlight of the evening was the dance floor, where students showcased their best moves to upbeat tracks, creating an electric atmosphere.

T-Shirt Designing: Creativity Unleashed



The Story of Our Electrical Department T-Shirts What began as a small, creative initiative has now transformed into a cherished tradition for the Electrical Department. The idea of designing a department-specific T-shirt emerged during brainstorming sessions, where students envisioned creating something meaningful to represent their community. With enthusiasm and imagination, the first T-shirt Designing Workshop was organized a platform where students could channel their creativity and technical skills to craft designs that symbolized innovation, unity, and the essence of the Department. Today, these T-shirts have become more than just apparel they are a badge of pride worn by students alike during every event and activity. From technical symposiums and cultural fests to plantation drives and competitions, the department T-shirts are now a symbol of identity and belonging. They unite everyone under the shared vision of excellence and the collective drive to power the future. Wearing these T-shirts to every departmental event is not just about style; it's a celebration of the Electrical Department's journey, achievements, and values. With each new batch, the tradition continues to evolve, fostering a sense of community and connection that lasts long after graduation. The humble beginnings of this initiative remind us that even small sparks can light up the way to a powerful legacy.

A Greener Tomorrow: Department Plantation Drive



Empowering the Planet: Electrical Engineers Taking the Lead in Sustainability In a world driven by technology, electrical engineers are uniquely positioned to champion environmental sustainability through innovative solutions and responsible practices. The Department Plantation Drive stands as a testament to the commitment of future electrical engineers towards a greener, healthier planet. Recognizing the critical balance between technological advancements and environmental conservation, the drive aims to bridge the gap by encouraging students and faculty to take tangible steps toward ecological well-being. Electrical engineers, often seen as architects of modernization, highlighted their role in sustainable development through this initiative. Saplings of native and fast-growing species were carefully chosen, not only for their ability to improve air quality but also to symbolize the department's dedication to rooting its values in environmental stewardship. What makes this initiative even more significant is its alignment with the core principles of electrical engineering. As future innovators of renewable energy systems, eco-friendly technologies, and sustainable power solutions, students used the plantation drive as a platform to discuss their ideas for minimizing carbon footprints and integrating environmental mindfulness into engineering practices. Informal sessions held during the drive included discussions on solar power, energy-efficient systems, and the role of green technology in combating climate change. The Department Plantation Drive has become more than an event it is a movement that reflects the deep rooted values of electrical engineers as protectors of both progress and the environment. By planting trees and raising awareness, the department hopes to inspire future generations to build a world where technology and nature thrive in harmony.

Student Design Competition



Student design competitions hold immense importance in the field of electrical engineering, serving as a platform for young minds to push the boundaries of their creativity and technical expertise. These competitions encourage participants to address real-world challenges by applying theoretical knowledge to practical solutions, a critical aspect of engineering education Design competitions bridge the gap between academia and industry. Students often work under real-world constraints such as limited resources, time, and specific design requirements, mirroring the challenges faced by professionals. Competitions also promote teamwork and collaboration essential skills in electrical engineering. Most projects require participants to work in groups, encouraging the exchange of ideas and the pooling of diverse skill sets. Additionally, these events boost confidence and provide recognition for student achievements. Winning or even participating in such competitions becomes a badge of honor, reflecting dedication, innovation, and technical competence. Ultimately, student design competitions play a vital role in shaping the future of electrical engineering. By fostering creativity, practical application, and collaboration, they empower students to become the next generation of problem-solvers and innovators who will drive progress in this dynamic and essential field.

GATE Webinar

EES Webinar on GATE 2025

The Electrical Engineering Society EES organized an insightful webinar on 7th October 2024 , featuring Kuldeep Jain (AIR-17, GATE 2018)to help the students in stream line their GATE preparation journey with confidence . With his first hand experience of cracking one of the most competitive exams, Kuldeep Jain provided valuable guidance to aspiring the engineers aiming for GATE 2025.



This initiative by EES proved to be an enriching the experience , equipping students with the right mindset and approach to get GATE 2025 efficiently.

One of the most engaging parts of the session was the interactive Q&A segment, where students got the opportunity to clarify their doubts , seek personalized advice , and gain encouragement from some who has successfullyaced the examination. The discussion not only provided practical exam strategies but also offered invaluable motivation and inspiration to keep students focused on their goals.

The overwhelming response and enthusiasm from the participants highlighted the session's impact, reinforcing and the importance of expert guidance in competitive exam preparation . Many attendees expressed their gratitude for the structured approach and practical strategies shared by Kuldeep , which provided them with clarity on subject prioritization, efficient revision techniques , and the optimal use of test series.

#Meet the professor

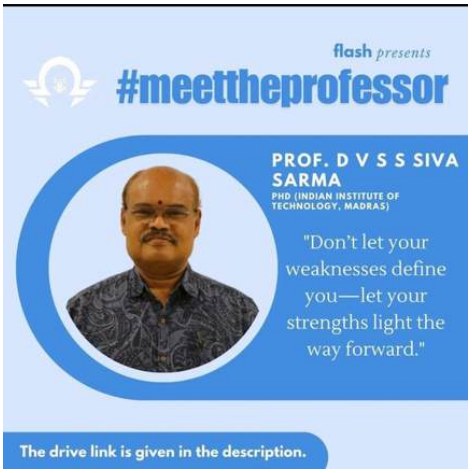
As a part of our vision to creating a meaningful interactions between students and faculty beyond classroom, we conducted the Meet the Professor series, an initiative aimed bridging the gap between students and our esteemed professors.

In these engaging sessions, we had the privilege of hosting some of the most experienced faculty members from our department. Prof D. V. S. S. Siva Sarma, with over three decades of dedication to NIT Warangal, Prof N. V. Srikanth, the esteemed Head of the Department, and Prof M.Sailaja Kumari, a mentor and role model to many, shared their perspectives on self-belief, continuous learning, and the importance of passion in engineering. They encouraged us to the embrace challenges, stay curious, and find joy in their academic pursuits.

The series was a remarkable opportunity for us at EES to connect with our faculty beyond textbooks and lectures . These sessions not only gave us a glimpse into their academic journey but also inspired us with their experiences, insights, and perspectives on both learning and life. By fostering open conversations, we strengthened meaning full bond between students and professors , creating an environment of wonder mentorship and motivation.







DIWALI CELEBRATIONS

Lighting up the Festivities:



Diwali, the festival of lights, holds a special place in our hearts , symbolizing a new beginnings and joy . With a perfect mix of fun , nostalgia , and dazzling lights , of our Diwali Celebrations to remember the joy.

The event kicked off with a lively gathering , where everyone, dressed in their festive best, came together to spread cheer. The atmosphere buzzed with excitement as we decorated the venue, shared sweets, and captured countless moments in the pictures. Adding to the fun, we enjoyed special screening of movie Chichhore, making the evening even more memorable.

The night took musical turn as we sang along to our favorite tunes, turning the gathering into an jam session . The night concluded with a display of fireworks, lighting up the sky and filling the air with a sense of celebration. From reliving memories to creating new ones,this Diwali at the EES was all about celebrating the bonds that make our journey at NITW so special. Here's to more moments of joy, friendship, and celebrations that bring us closer as a family!





YOKOGAWA PRESENTATION

Seminar on Electric Vehicles & Renewable Energy – A Collaboration with Yokogawa:

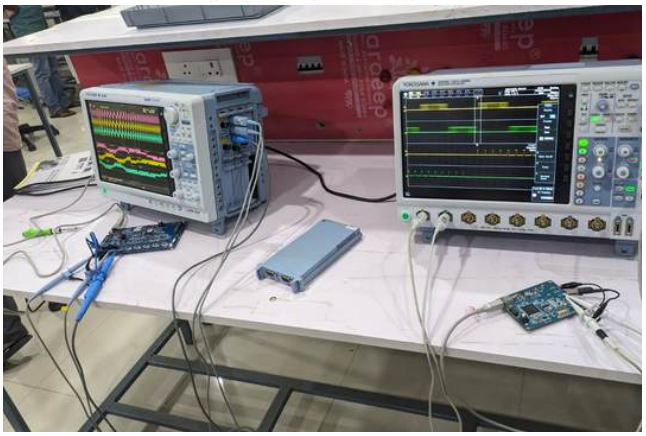
In collaboration with Yokogawa ,we organized a seminar on Trends in Electric Vehicle Development and Renewable Energy on October 26, 2024.The event brought together students and faculty eager to explore the latest advancements in electric mobility and sustainable energy.

Experts from Yokogawa , a global leader in measurement and control technology , shared insights into EV advancements , renewable energy solutions , and precision measurement tools The live demonstrations of power scopes , ocilloscopes and scopecorders provided a hands- on learning experience, giving students a closer look at industry-grade equipment.

The interactive Q&A session sparked engaging discussions on smart energy solutions , power electronics , and real-world applications of EV technology . We believe such initiatives bridge the gap between academics and industry , fostering a culture of innovation , technical excellence , and real - world problem - solving.







DAAD Study in Germany (with Dean IRAA)

DAAD Virtual Session: Exploring Higher Studies in Germany

The Electrical Engineering Society (EES) organized an informative seminar on 24th October 2024 , in collaboration with the DAAD Information Centre in (German Academic Exchange Service) and the Dean, International Relations & Alumni Affairs (IR & AA).The session is to provide students with a comprehensive understanding of higher education and opportunities in Germany , covering all the Master 's programs , PhD research avenues , and various funding options available for aspiring scholars.



Experts from DAAD highlighted the benefits of higher studying in Germany , emphasizing its world-class universities , research - driven curriculum , and strong industry - academic collaborations .Students received the detailed guidance on scholarship programs such as DAAD-funded grants, tuition-free education policies , and cost - of - living aspects for international students .

The session was concluded with an engaging interactive Q&A segment, where the students had the opportunity to clarify doubts regarding academic and research prospects , career pathways , and cultural experiences in Germany.

This initiative strengthened The NIT Warangal' s global academic outreach, encouraging students to explore international education and research in all avenues. By fostering such collaborations, we aim to equip students with the knowledge and the resources needed to pursue higher education and career opportunities beyond national borders.

Expert Talk (Dr. Veera Raju)

An expert talk on "Operational Challenges of Electric Grid Control and Control Center Tools in North America" was held on Tuesday, 5 November, at Seminar Hall Complex (Khurana Hall).

Dr. Veera Raju Vinnakota, an EMS and ADMS expert with over 30 years of experience, was the keynote speaker.He shared insights on grid reliability, power control, and challenges faced in multiple countries.His discussion highlighted experiences with California ISO and BC Hydro, along with the latest advancements in control center tools.





Attendees gained valuable knowledge on electric grid management and operational efficiency.The session emphasized the importance of technological advancements in power system reliability.Dr. Veera Raju also shared insights from his 50+ publications and research in the field.The event was well-attended by students and faculty.It concluded with an interactive Q&A session, leaving participants enriched with practical knowledge.

Expert Talk (Dr. NDR Sarma)





An interaction session with N.D.R Sarma was held on 5th November 2024 at Khurana Hall from 5-6 PM.Mr. Sarma, an expert from NDRS SEMS Consultancy, LLC, is an Adjunct Professor in the Department of Electrical and Computer Engineering at Texas A&M University, USA. He shared valuable insights on engineering trends, industry challenges, and research opportunities. The session provided students and faculty with a global perspective on power systems, smart grids, and emerging technologies.The event was well-received, with participants appreciating the real-world insights and mentorship.It concluded with a Q&A session, leaving attendees inspired

FEEL THE PAIN

The Electrical Engineering Society organized an event titled "Feel the Pain" on 9th and 10th November during Technozion 2024.
Around 1000 participants have participated in this event making it a huge success. The event aimed to create empathy and understanding about menstrual pain by allowing men to experience simulated period cramps.



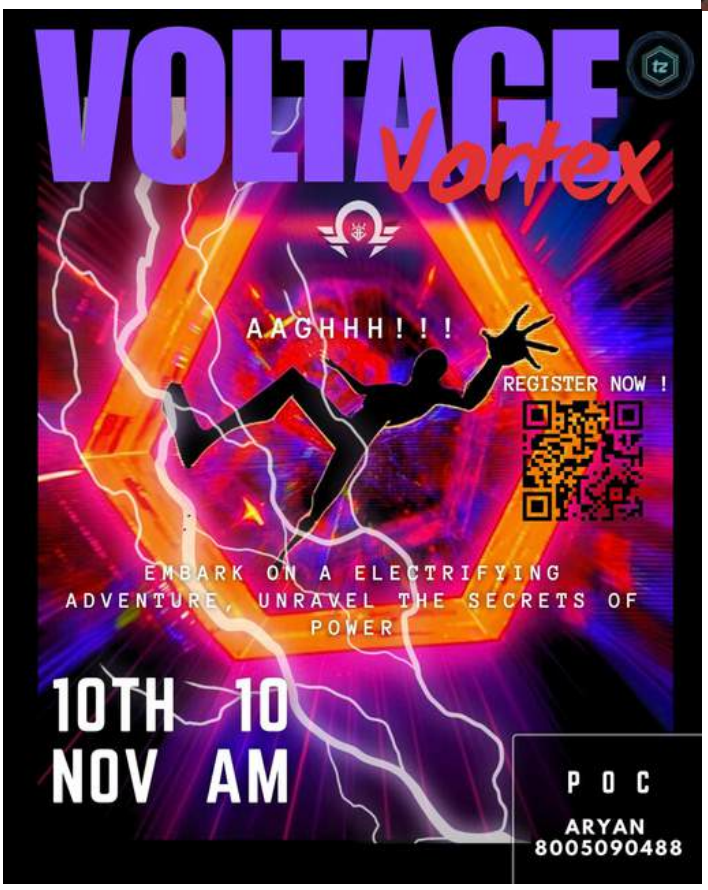
It received positive feedback, with participants acknowledging the importance of breaking taboos around menstruation.
Through this interactive approach, the event successfully fostered awareness and respect for menstrual health challenges.



VOLTAGE VORTEX

The "Voltage Vortex" event, organized on 10th November during Technozion 2024, was a thrilling and engaging experience for participants. The event aimed to unravel the secrets of electrical power through an exciting adventure. Attendees faced interactive challenges and problem-solving activities related to electric circuits.

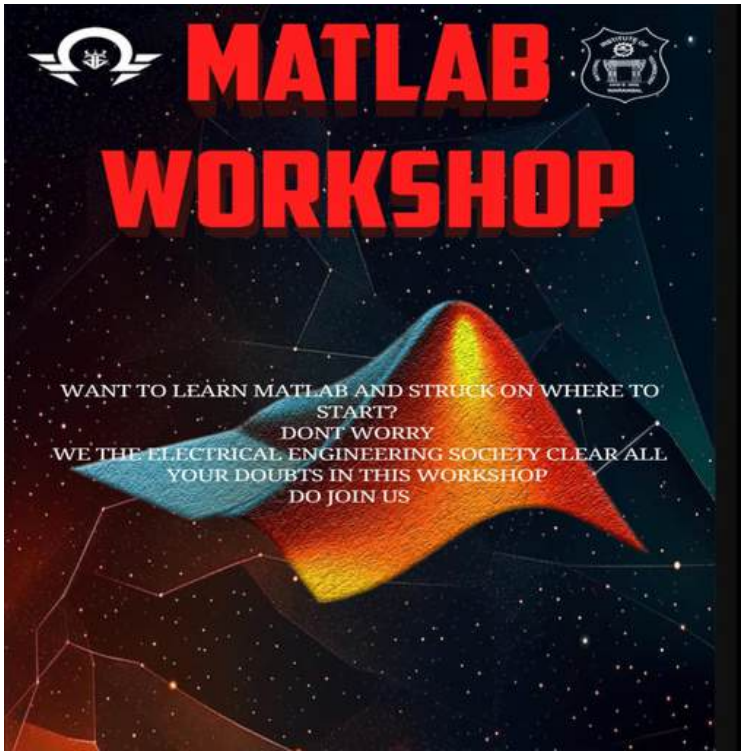




The high-energy atmosphere, combined with visually immersive elements, made the event both educational and entertaining. Participants experienced a simulated high-voltage scenario, testing their knowledge and quick thinking in electrical concepts. The event saw a great turnout, with students actively engaging and competing in various tasks.

MATLAB Workshop

The MATLAB Workshop, organized by Dr T.Vinay Kumar (Assistant professor, EED), was an insightful session designed to help students get started with MATLAB. The workshop aimed to clear doubts and provide a structured approach to learning MATLAB for engineering applications. Participants were introduced to basic MATLAB commands and programming techniques. The session included hands-on demonstrations, allowing students to practice coding and simulations in real-time. The workshop was well-structured, catering to both beginners and intermediate learners. Attendees appreciated the interactive nature of the workshop, which made complex concepts easy to grasp.





ANSYS Software Presentation







The Electrical Engineering Society of NIT Warangal organized a workshop on Maxwell and Hands-on Demo using Ansys on November 11, 2024, at Ramanujan Hall, NIT Warangal. Conducted by Mr. Soumitra Kunte, LF Application Engineer at Entuple Technologies Pvt. Ltd, the session provided in-depth insights into Ansys tools, including RMXprt for electric machine design, Maxwell for electromagnetic field simulation, Simplorer for system-level modeling, and MotorCAD for thermal analysis. The workshop effectively bridged the gap between theoretical learning and real-world applications, equipping students with hands-on experience in industry-standard simulation tools. This initiative enhanced technical expertise, improved industry readiness, and reinforced NIT Warangal's commitment to practical learning in electrical engineering.

Clothing Donation Drive

IThe Clothing Donation Drive, organized by the Electrical Engineering Society, NITW, aimed to provide gently used clothes to those in need while promoting sustainability and social responsibility. As part of this effort, clothes and chocolates were distributed to orphans at the Spandana Jani Vasu Foundation in Waddepally on 15th November 2024, highlighting the society's dedication to community service. The event received a warm response from both participants and the beneficiaries, fostering a sense of solidarity and kindness. It also served as a reminder of the importance of contributing to society and making a positive impact in the community.

The drive was a success, promoting community support and sustainability.







Student Design Competition Round 2

The Student Design Competition (SDC), organized by EES, focused on addressing electrical engineering-related problems in the campus, department, or hostel. On 22nd October 2024, participants presented their initial ideas in the first round, and nine projects were shortlisted for the next stage. In the second round, these teams showcased their working prototypes to a panel of professors, explaining their concepts and functionality. This round allowed participants to demonstrate the progress they had made and the depth of their ideas, fostering innovation and creativity within the department.











Talk Show by Rukmi Dutta



The International Faculty & Student Interaction Programme, scheduled for 27th December 2024, aims to introduce students to cutting-edge advancements in Electrical Engineering, Power Systems, and Renewable Energy Technologies. Dr. Rukmi Dutta, a professor at the University of New South Wales, specializes in Electric Machines, Drive Systems, Hybrid Electric Vehicles, and Renewable Energy. As Chair of the IEEE IAS Electric Machine Committee and an IEEE Transactions editor, she actively contributes to research and industry advancements. Students will gain valuable knowledge about novel electric machine designs, energy-efficient systems, and career opportunities in these fields.







Guru Vandanam



The Electrical Engineering Society of NIT Warangal successfully organized Guru Vandanam for the Batch of 1995-99 on 27th December 2024. Inspired by the 1988 Batch, this event was a heartfelt tribute to the professors and mentors who played a pivotal role in shaping the lives and careers of the alumni.

The gathering provided a valuable platform for alumni to network, share experiences, and exchange insights with peers and current students. Attendees engaged in meaningful discussions with industry pioneers who have made significant contributions to the field of electrical engineering. They also explored emerging trends and real-world challenges, gaining new perspectives from fellow professionals.

Held at the EED Seminar Hall, NIT Warangal, Guru Vandanam was a heartwarming and enriching experience. It allowed participants to reflect on their personal and professional growth while strengthening their connection to their alma mater. The event was a testament to the strong bonds formed during their college years and the lasting impact of their time at NIT Warangal, all while honoring the teachers who shaped their journey.

Alumni Meet



The Electrical Engineering Society (EES) of NIT Warangal successfully hosted a grand alumni meet for the esteemed **1999 batch of Electrical and Electronics Engineering (EEE)**. This nostalgic and momentous gathering was a tribute to the journey of these alumni, bringing them back to their alma mater to reconnect with old friends, faculty members, and current students. The event served as a bridge between the past and present, fostering interactions that inspired and motivated future generations of engineers.

A special segment of the event was dedicated to the discussion of technological advancements and the role of electrical engineers in shaping the future. Alumni exchanged ideas on how emerging technologies like artificial intelligence, renewable energy, and smart grids are transforming the industry. They also discussed ways to enhance student learning through mentorship programs, industry collaborations, and research initiatives.

In addition to professional discussions, the event was filled with light-hearted moments, including games, fun quizzes, and a trip down memory lane through a slideshow of old photographs. The alumni reminisced about their hostel days, late-night study sessions, and the friendships that stood the test of time. This emotional connect reinforced the strong bond between the alumni and the institution.

EES WEBSITE LAUNCH





The Electrical Engineering Society (EES) of NIT Warangal marked a significant milestone with the ***launch of its official website***. The launch was a moment of pride for the EES team, symbolizing their commitment to innovation and knowledge-sharing within the electrical engineering community.

The newly launched website serves as a central hub for students, providing essential resources and insights into the activities of EES. One of its standout features is the **About** EES and Its **Team** section, which introduces the society, its core objectives, and the dedicated individuals working behind the scenes.

Another key feature of the website is the **Databank** for Four Years, an extensive repository of academic resources, research papers, and technical documents.

The website also includes a Past and Future **Events** Information section, allowing students to stay updated on the various technical workshops, guest lectures, and hands-on training sessions organized by EES.

One of the most practical additions to the platform is the **Internship and Placement Experiences section**. This segment shares real-life experiences of students who have secured internships and placements in reputed companies.

As the platform continues to evolve, it is expected to play a pivotal role in the academic and professional growth of students at NIT Warangal. Through such initiatives, EES remains steadfast in its mission to support and empower aspiring engineers, ensuring that they are well-equipped to meet the challenges of the ever-evolving technological landscape.

28

INTERACTIVE SESSION
with NTU Professors



The Electrical Engineering Society (EES) of NIT Warangal successfully hosted an Interaction Programme on 2nd January 2025 at Ramanujan Hall. The event, featured distinguished speakers from the field of power electronics, Dr. Jim Ching-Jan Chen and Dr. Yaow-Ming Chen, who shared their invaluable insights and experiences with students and faculty members.



Dr. Jim Ching-Jan Chen, *Associate Editor of IEEE Transactions on Power Electronics*, and **Dr. Yaow-Ming Chen**, *Editor-in-Chief of IEEE Transactions on Power Electronics*, were the key speakers at the event.

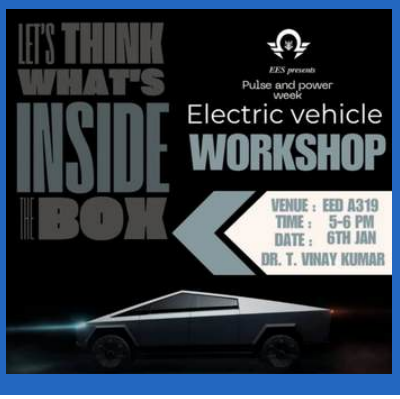
A key highlight of the event was the interactive Q&A session, where students had the opportunity to engage with the experts. The speakers addressed queries related to research, career opportunities, and technological challenges in the field, providing practical advice and motivation to aspiring engineers. The session concluded with a vote of thanks by the organizing committee, acknowledging the contributions of the esteemed guests and the enthusiastic participation of attendees.

The event also strengthened academic-industry connections, paving the way for future collaborations and knowledge-sharing initiatives. The Electrical Engineering Society at NIT Warangal continues its commitment to fostering technical excellence through such impactful sessions, inspiring the next generation of engineers to contribute meaningfully to sustainable energy solutions.

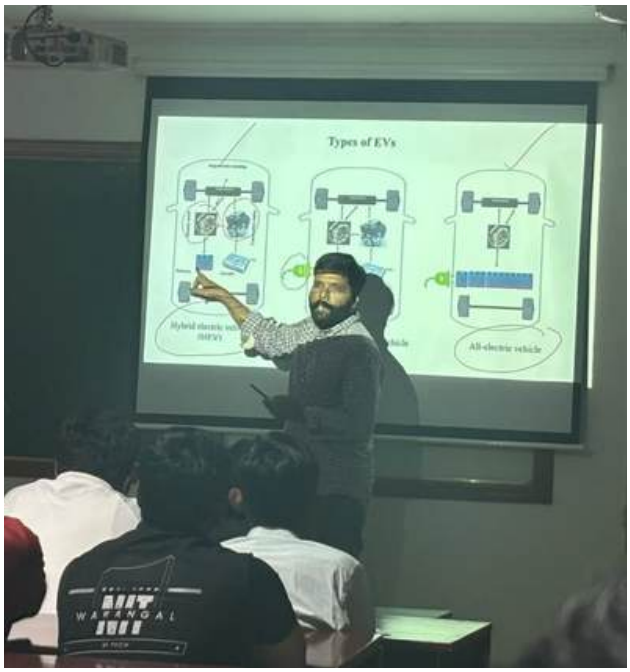


29

EV WORSKHOP







The Electrical Engineering Society (EES) of NIT Warangal organized an insightful Electric Vehicle Workshop as part of the ***Pulse and Power Week***. The event took place on 6th January and conducted by **Dr. T. Vinay Kumar**. This workshop aimed to educate students about the advancements and challenges in the electric vehicle (EV) industry, emphasizing the importance of sustainable transportation.

Dr. T. Vinay Kumar, a prominent figure in the field, led the session by delving into the core components and working principles of electric vehicles. He provided valuable insights into battery technology, power electronics, and energy management systems, which play a crucial role in modern EVs. His discussion also covered recent innovations, government policies, and the future trajectory of electric mobility in India and beyond.

A key highlight of the session was an interactive segment where participants explored real-world applications and ongoing research in the EV domain. Dr. Vinay Kumar shared case studies on successful EV implementations, addressing the challenges of infrastructure, charging networks, and battery disposal. Students actively participated by posing questions related to EV affordability, technological advancements, and career prospects in the industry.

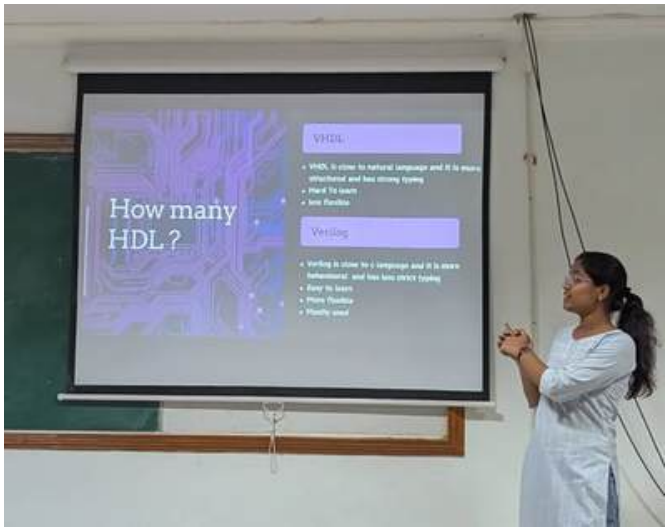
The event concluded with a vote of thanks from the organizing team, acknowledging Dr. Vinay Kumar's invaluable contributions and the enthusiasm of the attendees. The workshop successfully provided students with a comprehensive understanding of electric vehicle technologies and their significance in the transition towards sustainable mobility. The interactive nature of the session, combined with in-depth discussions on real-world challenges, made the workshop an enriching experience for all participants.

30

VERILOG WORKSHOP



The Electrical Engineering Society (EES) of NIT Warangal successfully conducted the Verilog Workshop as part of the highly anticipated Pulse and Power Week. Designed to equip students with a deeper understanding of digital design and hardware description languages, this workshop introduced participants to the fundamentals of Verilog, its applications in modern electronics, and its significance in semiconductor industries. The session provided a perfect platform for students to explore the transition from theoretical digital circuit concepts to real-world hardware implementations using Verilog.





A major highlight of the workshop was the hands-on coding session, where students engaged in real-time programming exercises using Verilog. The speaker demonstrated the step-by-step implementation of various combinational and sequential circuits, such as logic gates, multiplexers, flip-flops, and counters. By coding and simulating these fundamental circuits, students gained practical experience in designing digital systems efficiently and systematically. The interactive nature of the session allowed students to troubleshoot errors and optimize their designs, making the learning process more engaging and effective.

An interactive Q&A session further enhanced the learning experience, allowing students to seek clarifications and gain deeper insights into Verilog's capabilities. Questions ranged from debugging techniques and best practices for writing optimized code to industry trends and real-world implementation challenges. The speaker's detailed responses helped clear doubts and inspired students to further explore digital design and automation.

Case Study Workshop





A Data Analytics and Case Study Workshop was conducted on 8th January 2025 at A319, EED from 5:00 PM to 6:00 PM as part of Pulse and Power Week, organized by EES in collaboration with 180 Degrees NITW.

The session provided an insightful exploration of data analytics, focusing on real-world applications and case studies. Attendees gained hands-on experience in interpreting data trends, optimizing decision-making, and understanding industry use cases. Experts from 180 Degrees guided participants through practical scenarios, emphasizing the role of analytics in engineering and business strategies.

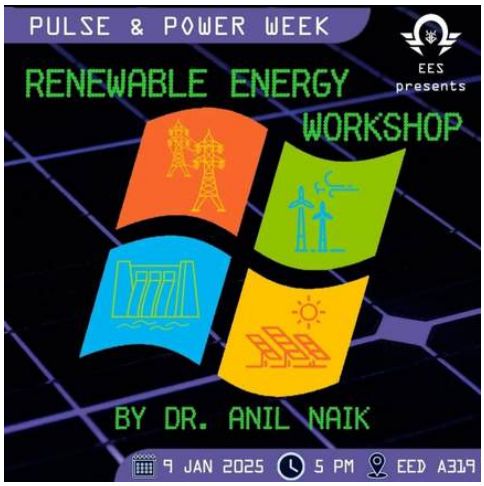
The interactive nature of the session allowed students to engage in discussions, enhancing their analytical thinking and problem-solving abilities. The workshop concluded with a Q&A session, where participants clarified their doubts and received guidance on leveraging data analytics skills for academic and professional growth. The event was well-received, leaving attendees motivated to explore the evolving landscape of data-driven decision-making.

Renewable Energy



"Renewable energy: infinite power, zero regrets."

As part of Pulse and Power Week, the Electrical Engineering Society (EES) organized a Renewable Energy Workshop on January 9, 2025, at EED, A319, from 5:00 PM onwards. The session was conducted by Dr. Anil Naik, who provided valuable insights into sustainable energy sources, including solar, wind, and hydroelectric power.

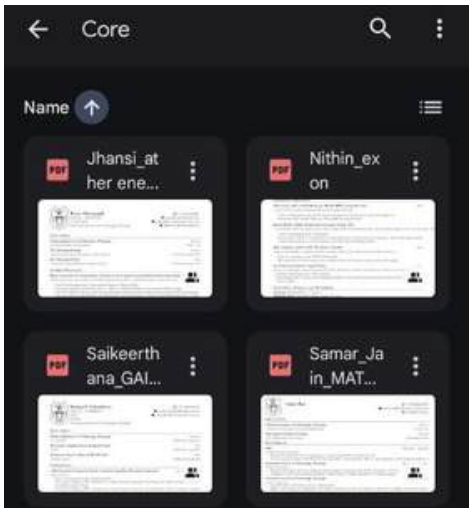


The workshop emphasized the importance of renewable energy in modern power systems, its integration challenges, and advancements in the field. Students gained a deeper understanding of clean energy technologies and their role in shaping a sustainable future.

The session was well-received, with attendees appreciating the practical perspectives and real-world applications discussed.

Resume Repository







The Electrical Engineering Society (EES) introduced the Resume Repository, an initiative aimed at helping students refine and optimize their resumes. This resource features a curated collection of resumes from EEE seniors across various domains, including software, core engineering, management, and analyst roles.

By accessing these resumes, students can gain valuable insights into industry standards and effective structuring, enabling them to enhance their professional profiles. The initiative has been well-received, with students appreciating the opportunity to learn from real-world examples.

This initiative serves as a stepping stone for aspiring engineers, ensuring they are well-equipped for career opportunities ahead.

AI ML Workshop



On January 15, 2025, the Electrical Engineering Society (EES) conducted an insightful workshop on Artificial Intelligence & Machine Learning, featuring Dr. Sanjaya Kumar Panda, Assistant Professor in the Department of Computer Science & Engineering. The session, held at EED A319 from 5:30 PM to 6:30 PM, provided attendees with a comprehensive understanding of AI and ML concepts, their applications, and future prospects.

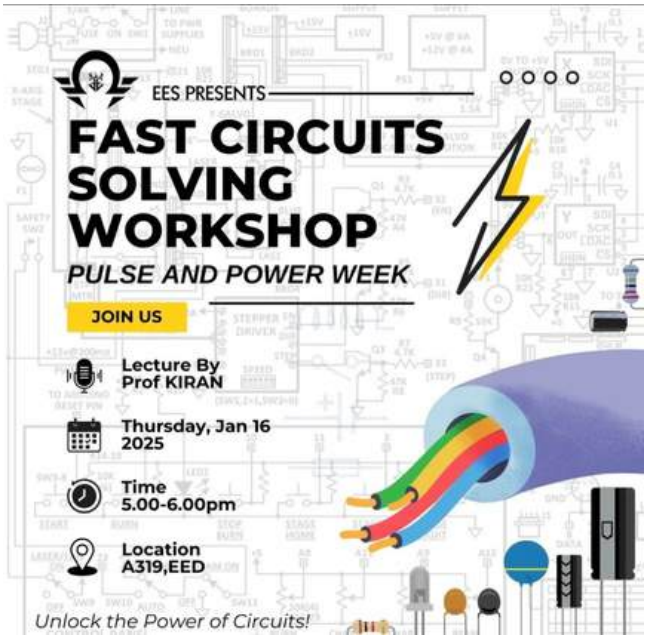
The workshop covered fundamental principles, industry trends, and real-world use cases, offering students a valuable opportunity to explore the rapidly evolving field of AI. Participants engaged in interactive discussions, gaining clarity on practical implementations and research avenues.

The event was well-received, leaving attendees inspired and eager to delve deeper into AI and ML advancements.



Circuits Workshop





As part of Pulse and Power Week, the Electrical Engineering Society (EES) organized the Fast Circuits Solving Workshop on January 16, 2025. The session, led by Prof. Kiran, was held at A319, EED from 5:00 PM to 6:00 PM and aimed to equip students with efficient techniques for solving electrical circuits. The workshop covered essential problem-solving strategies, circuit analysis methods, and real-world applications, helping students improve their speed and accuracy in circuit-solving. The interactive session allowed participants to engage in discussions and clarify doubts, making the learning experience more effective.

The event received an enthusiastic response from students, reinforcing the importance of strong circuit-solving skills in electrical engineering.

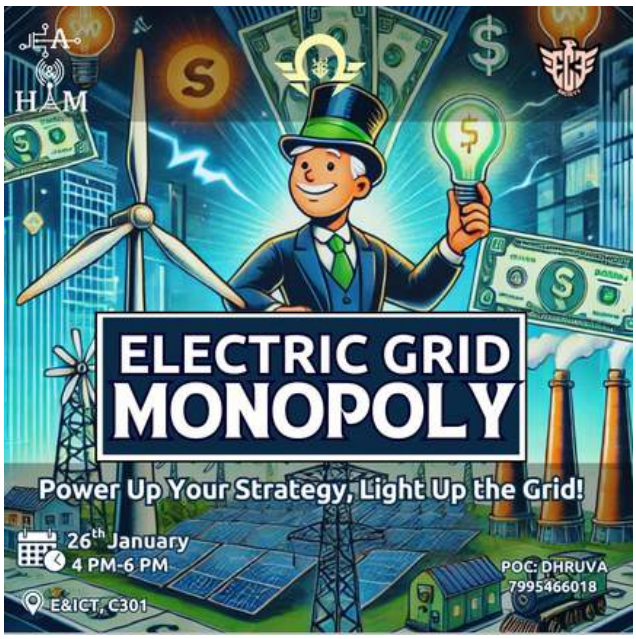
Power Grid Monopoly









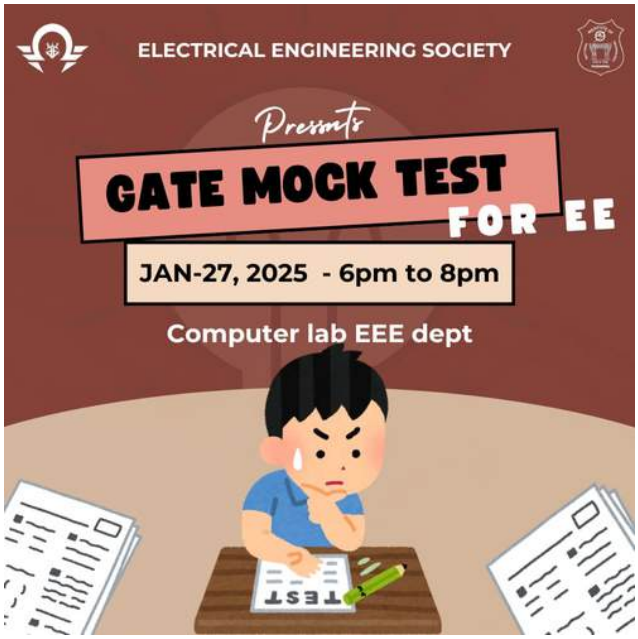


The competition was designed as a strategic board game, simulating real-world challenges in managing an electric grid. Participants took on roles as energy providers, policymakers, and strategists, making critical decisions on power generation, distribution, and financial investments. The game encouraged analytical thinking, teamwork, and an understanding of how real-life power grids operate under constraints like demand fluctuations, resource management, and unexpected outages.

One of the most notable aspects of the event was the high participation from students across multiple disciplines, including mechanical, civil, and computer science engineering. Their diverse perspectives enriched the gameplay, introducing innovative approaches to solving grid management challenges.

With its unique blend of technical knowledge and strategic gameplay, Electric Grid Monopoly set a high standard for interactive learning experiences. The EES of NIT Warangal successfully showcased the critical role of electrical engineering in modern infrastructure while promoting cross-disciplinary engagement.

GATE Mock Test



Meticulously designed by the content team to provide students with a realistic and structured exam experience. The event witnessed enthusiastic participation from both postgraduate students and undergraduate students in their 3rd and 4th years, reflecting the growing interest in GATE preparation and competitive exams among aspiring engineers.

The test was crafted to closely simulate the actual GATE exam, featuring a diverse range of problem sets covering fundamental concepts and advanced topics.

It allowed students to evaluate their strengths, identify weak areas, and refine their time management skills—all crucial for excelling in the highly competitive exam. The detailed question design ensured that participants faced the right balance of challenge and conceptual depth, making the test both an engaging and insightful learning experience. Beyond just assessing knowledge, the event fostered a spirit of academic excellence and competitive learning, encouraging students to push their limits and strive for higher scores. Participants appreciated the opportunity to experience exam-like pressure in a controlled environment, helping them gain confidence ahead of their actual GATE attempt.

With its structured approach and high level of engagement, the GATE Mock Test not only served as an effective preparatory tool but also reinforced EES's dedication to supporting students in their academic and professional growth. The success of the event highlighted the importance of structured practice, peer learning, and rigorous preparation in achieving excellence in national-level competitive exams.

ELECTROQUAD Hackathon



The Electrical Engineering Societies of NIT Warangal, NIT Trichy, NIT Surathkal, and NIT Calicut came together to organize ElectroQuad, a groundbreaking online technical event aimed at fostering collaboration, innovation, and competitive spirit among students from different NITs. The event featured four distinct competitions, each hosted by one of the participating institutions, offering a diverse range of challenges that tested analytical thinking, problem-solving, and technical expertise.

NIT Trichy hosted a highly competitive hackathon, engaging more than 150 participants in an intense coding and engineering marathon. The challenge focused on developing innovative solutions for electrical engineering applications, such as smart grids, automation, renewable energy integration, and AI-driven power management systems. Participants had to brainstorm, prototype, and present their solutions within a limited timeframe, encouraging creativity, rapid problem-solving, and teamwork. The hackathon pushed the boundaries of innovation, resulting in some exceptional projects that demonstrated the future of technology-driven electrical engineering.



ELECTROQUAD

Quiz



With an overwhelming response of 800+ participants, NIT Surathkal organized a highly engaging and competitive technical quiz, testing the core electrical engineering knowledge of students. The quiz covered a wide range of topics, including circuit theory, power systems, control systems, signal processing, and emerging technologies in the field. The event followed a rapid-fire format with multiple rounds, challenging participants on both fundamental concepts and advanced applications. The sheer scale of participation highlighted the enthusiasm of students, making it one of the most successful and widely attended events of ElectroQuad.

ELECTROQUAD
Case Study



NIT Calicut spearheaded an intellectually stimulating case study event, drawing in over 130 participants from across the four NITs. The challenge required students to analyze and devise innovative solutions to real-world engineering and industrial problems. Participants had to apply their knowledge of power systems, sustainable energy, and electrical engineering principles to propose feasible and impactful solutions. The event saw intense competition, with teams rigorously debating and defending their strategies, making it a remarkable showcase of critical thinking and industry-relevant problem-solving skills.

Industrial Talk



The Alumni Talk by Dr. Vishnu Goutam Kota provided an insightful exploration of the unifying mechanisms linking metabolic dysfunctions. Dr. Kota, an oncologist and PhD student at NUS, shared his expertise on the connection between microsteatosis, foam cells, MASH (Metabolic Associated Steatohepatitis), atherosclerosis, and systemic metabolic dysfunction.

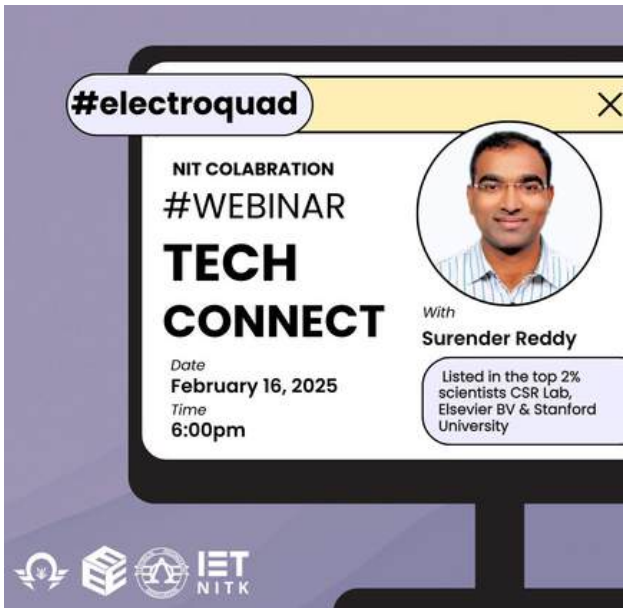
During the session, Dr. Kota highlighted how these processes interplay at the cellular level, contributing to chronic metabolic disorders. He discussed potential therapeutic approaches to mitigate these conditions and the importance of early intervention.

The session concluded with an engaging Q&A where participants gained further clarity on the topic. The talk provided a comprehensive understanding of complex metabolic pathways and equipped attendees with valuable knowledge in the field.

Tech Connect Webinar

42

As part of Electroquad 2025, an inter-NIT event, we organized the Tech Connect Webinar with Dr. Surender Reddy, a globally recognized researcher listed among the top 2% of scientists(Elsevier BV & Stanford University).Dr. Reddy delivered an insightful talk on smart grids, renewable energy, AI applications in power systems, and electric mobility, highlighting how these technologies are shaping the future of sustainable energy. His expertise and practical knowledge provided attendees with a clearer understanding of the challenges and opportunities in the energy sector.



43

B.V.R CHOWDARI



EES organized an insightful and interactive session with Prof. B.V.R.Chowdari, Adjunct Professor in the Department of Materials Science and Engineering at the National University of Singapore (NUS).Prof. Chowdari highlighted the growing significance of renewable energy storage solutions and their crucial role in driving sustainable development. He elaborated on recent advancements in energy storage technologies and emphasized the importance of interdisciplinary research in addressing future challenges.

Esports



Virtual Valor: Battle of Champions was an electrifying esports event that brought together gaming enthusiasts for an adrenaline-fueled experience. The event witnessed a fierce battle across popular games such as BGMI, Valorant, Call of Duty Mobile, Free Fire, Fortnite, and several casual games.

The competition attracted a diverse crowd of participants, each eager to showcase their reflexes, strategic prowess, and teamwork. As the battles unfolded, the intensity grew, with each game pushing players to their limits.BGMI tested survival instincts in high-stakes battlegrounds, while Valorant demanded precise aim and tactical execution. Call of Duty Mobile brought high-paced action, and Fortnite challenged creativity and speed with its dynamic building mechanics.Participants also enjoyed engaging in casual games that added a fun and relaxed dimension to the event. The enthusiasm and camaraderie among participants created an electrifying atmosphere, making Virtual Valor a standout success.The event concluded with the declaration of winners, who earned not just accolades but also the admiration of their peers. With its perfect blend of competition and community spirit, Virtual Valor left an indelible mark on all participants, setting the stage for even greater esports experiences in the future.

EPICS Talk





All About EPICS Internship provided an informative session aimed at guiding students through the EPICS internship process. Senior EEE students shared their experiences and offered valuable insights into selecting suitable projects, understanding skill requirements, and maximizing the impact of the internship. The session highlighted the importance of aligning individual interests with project goals and emphasized the need to develop technical and problem-solving skills to contribute effectively. Attendees also received practical advice on preparing for the internship, managing timelines, and collaborating with project teams.Through interactive discussions and firsthand accounts, participants gained a clear understanding of the EPICS framework and how to navigate challenges effectively. The session concluded with a Q&A segment, allowing students to seek personalized guidance from seniors.Overall, the session left students better equipped and more confident to excel in their upcoming EPICS internships.

Intern Talk

Intern Talk was an insightful session aimed at equipping students with the knowledge and strategies needed to secure internships effectively. Organized by EES in collaboration with CCPD, the event attracted a keen audience eager to gain practical guidance on navigating the competitive internship landscape.The session covered essential aspects such as crafting impactful resumes, optimizing LinkedIn profiles, and applying strategically for internship opportunities. Students learned how to highlight their technical and interpersonal skills while tailoring their applications to align with organizational goals. Real-life experiences shared by successful interns provided valuable insights into overcoming challenges and seizing growth opportunities.Attendees also gained a deeper understanding of the skills most sought after by recruiters and received practical advice on interview preparation and effective follow-up techniques. The session concluded with an engaging Q&A segment, where students had the opportunity to seek personalized guidance.Overall, Intern Talk left participants with greater confidence and a clearer roadmap to securing internships, making it a valuable and enriching experience.





sports week : cricket tournament

CRICKET: A BATTLE OF GRIT AND STRATEGY

The intra-EEE Cricket Tournament, held on March 8 and 9 at the Institute Stadium, was a thrilling event that brought out the best in every team. Spectators witnessed intense matches filled with power-packed batting, precise bowling, and agile fielding.





Each game was a rollercoaster of emotions, featuring nail-biting finishes and moments of individual brilliance. From last-over thrillers to stunning catches, the tournament had no shortage of excitement



A special highlight was the participation of the **faculty team**, adding a unique touch of camaraderie and sportsmanship. Their involvement strengthened the bond between students and faculty, making the event even more memorable

The **Intra-EEE Cricket Tournament** was a resounding success, proving once again that cricket is a battle of grit, strategy, and passion.

sports week : volleyball tournament

VOLLEYBALL: POWER-PACKED ACTION ON THE COURT



The Intra-EEE Volleyball Tournament on 9th March at the Institute Volleyball Courts was a thrilling showcase of skill, teamwork, and determination. Players from the Electrical and Electronics Engineering (EEE) department battled it out in high-energy matches, keeping the audience engaged with electrifying spikes, skillful digs, and perfectly executed sets.

The semi-finals saw teams fighting relentlessly, refusing to let the ball hit the ground. The final match was nothing short of a spectacle, with both sides pushing their limits. Powerful smashes, stunning saves, and strategic plays had the crowd on the edge of their seats.

With the championship on the line, the finalists went point for point in an intense showdown. A perfectly timed spike sealed the victory for the winning team, sending spectators into a frenzy.

The tournament highlighted the competitive spirit of the **EEE department**, emphasizing teamwork and sportsmanship. As the players celebrated, the event left a lasting impression, making it an unforgettable experience for everyone involved.



sports week : Badminton tournament

BADMINTON: A GAME OF PRECISION AND REFLEXES



The Intra-EEE Badminton Tournament, held from 6th to 8th March at the MME and PED Badminton Courts, was a thrilling display of skill, agility, and strategy. The event featured intense singles and doubles matches, with players executing powerful smashes, precise drop shots, and quick reflexes to outplay their opponents.

A major highlight was the faculty participation, adding an exciting dimension to the competition. In a remarkable feat, one professor reached the finals, showcasing impressive skill and determination. The doubles category also saw fierce battles, with teams displaying excellent coordination and rapid exchanges at the net.

Beyond the competitive action, the tournament fostered sportsmanship and camaraderie between students and faculty, making it a memorable event. As winners celebrated their hard-fought victories, the tournament set the stage for even greater enthusiasm in future editions.



Sports week : chess tournament

CHESS: THE ULTIMATE TEST OF STRATEGY

The Intra-EEE Chess Tournament, held on March 6th at the Yoga Hall in the stadium, was a battle of intellect and strategy. Players engaged in intense duels, carefully planning their moves to outthink and outmaneuver their opponents. Every match tested patience, concentration, and tactical mastery, making for a thrilling competition.





The tournament featured a mix of quick checkmates and long, grueling battles, where players employed aggressive openings, solid defenses, and well-calculated sacrifices. Some matches were decided in just a few moves, while others stretched into deep endgames, where precision and nerves played a crucial role in determining the winner.

As the rounds progressed, unexpected upsets and brilliant comebacks kept the competition unpredictable. Each move was a calculated risk, proving that chess is not just a game but a true test of mental endurance and strategic thinking. The tournament left participants with valuable experience and a deeper appreciation for the game, setting the stage for even more competitive editions in the future.



Sports week : carrom tournament

CARROM: PRECISION AND FOCUS IN EVERY STRIKE

The Intra-EEE Carrom Tournament, held on March 7th at the Yoga Hall in the stadium, brought together participants for a test of precision, patience, and tactical skill. Unlike high-speed sports, carrom demanded a calm yet calculated approach, where every strike had the potential to shift the course of the game.





The matches were a blend of strategy and finesse, with players executing precise flicks to pocket coins while also setting up defensive blocks. Some rounds witnessed intense showdowns, where a single well-placed strike decided the outcome. The queen battles added to the excitement, requiring perfect timing and accuracy.



With each game demanding high levels of concentration, the tournament highlighted the importance of focus, control, and smart decision-making. As winners emerged after close contests, the event reinforced that carrom is not just a game of skill but also a true test of mental composure and strategy.

Hoops Horizon: EES Basketball Showdown

Elevating the Game:
Electrical Engineers Powering Team Spirit and Sportsmanship

In a world where precision and strategy define success, electrical engineers are proving that their skills extend far beyond circuits and systems. The **EES Basketball Tournament** stands as a testament to the department's commitment to fostering teamwork, discipline, and resilience—core values that drive both engineering and sports. Recognizing the parallels between the calculated nature of engineering and the strategic demands of basketball, the tournament aimed to strengthen the bond between physical fitness and mental sharpness.



The **EES Basketball Tournament** has become more than just a sporting event; it symbolizes the department's dedication to developing well-rounded individuals who are prepared to tackle challenges both on and off the court. By encouraging students to engage in sports, the department hopes to inspire future engineers to approach life with the same balance of technical expertise and human connection—a winning combination in both engineering and basketball.

Spin & Smash: EES Table Tennis Championship





Engineers are proving that their expertise extends beyond circuits and systems, demonstrating sharpness and strategy not only in their field but also in sports. The **EES Table Tennis Tournament** reflects the department's dedication to enhancing focus, agility, and quick decision-making—skills that are as crucial in engineering as they are in table tennis. The game's fast pace and strategic nature mirror the problem-solving approach essential for engineering success, making the tournament an opportunity to strengthen both mental and physical abilities.

Sports like table tennis promote mental alertness, quick decision-making, and problem-solving abilities, which mirror the focus and analytical mindset required in technical fields. Beyond academics, these activities help students develop resilience, confidence, and emotional balance, preparing them to handle pressure effectively in their careers and everyday life.The department aims to strike a balance between technical expertise and personal growth, ensuring students are equipped with the skills to excel professionally while maintaining mental and physical well-being. Through such initiatives, the EES department fosters leadership, teamwork, and a holistic approach to education.

Lighting the Way: village visit

Empowering Villages:
Engineers Bringing Light and Knowledge

In today's fast-paced world, technology plays a big role in improving lives, but rural communities often miss out on its benefits. The **EES Village Visit** was a special effort by the Electrical Engineering Society to bring knowledge and solutions to villages, helping them understand and use electricity and renewable energy in their daily lives.







During the visit, EES members acted as guides and teachers, showing villagers how electricity works and how they can save power. They also introduced simple solar energy solutions that could make life easier. Through hands-on activities like building solar lanterns, fixing basic circuits, and solving common electrical problems, villagers learned skills they could use right away. Open discussions gave them a chance to ask questions and share their challenges, making the sessions interactive and helpful . This visit wasn't just about teaching; it was about empowering people to take charge of their energy needs. By learning how to use technology effectively, villagers can improve their living conditions and become more energy independent.

Inspiring Minds: Empowering Schools with EES

Inspiring Young Minds
Electrical Engineers Sparking Curiosity and Learning

In a world shaped by rapid technological advancement, electrical engineers have the unique ability to guide and inspire the next generation of innovators. The **EES School Visit** reflects the department's dedication to empowering young minds and igniting a passion for science and technology. The visit aimed to make complex concepts accessible and engaging, encouraging students to see the impact of technology in everyday life. Through interactive sessions and hands-on demonstrations, students were inspired to think creatively and explore the exciting possibilities of a future shaped by engineering.







Engineers, often regarded as problem-solvers and innovators, took on the role of mentors during this initiative. Through engaging demonstrations and interactive sessions, they introduced school students to the fundamentals of electricity, circuits, and renewable energy. The visit wasn't just about teaching, it was about igniting curiosity and showing students how technology can improve lives and shape the future.

Empowering Efficiency: Insights on Energy Saving





The Electrical Engineering Society (EES) proudly organized a highly impactful guest lecture on the topic "Energy Saving Using High Efficiency Motors & VFD" . The event featured Mr. Pramod Shevde, an esteemed expert with over 27 years of experience in the industry and a distinguished career at Siemens.

Mr. Shevde captivated the audience with his in-depth knowledge of energy-efficient technologies, focusing on the practical applications of high-efficiency motors and variable frequency drives (VFDs) in reducing energy consumption and enhancing system performance.

The session, was attended by students, faculty members, and professionals eager to explore innovative solutions for sustainable energy practices. Through engaging discussions and real-world examples, Mr. Shevde emphasized the importance of adopting advanced technologies to address global energy challenges. The event not only provided valuable technical insights but also inspired participants to contribute to energy conservation efforts in their respective fields. EES continues to uphold its commitment to fostering knowledge exchange and professional growth through such enriching initiatives

VALEDICTORY



The Valedictory Ceremony of the Electrical Engineering Society (EES) for AY 2024-25 was held on 2nd April 2025 at Raman Hall (Seminar Halls Complex), NIT Warangal, from 5:00 PM onwards.

The event was graced by eminent guests, including Prof. Sydulu Maheswarapu, a retired professor from the EEE Department at NIT Warangal, and Prof. N. V. Srikanth, Head of the Electrical Engineering Department. The presence of Dr. T. Vinay Kumar (Faculty Advisor), Prof. Altaf Qurban, Hussain Badar (Treasurer), and Rakesh Sinha Jangam (General Secretary, EES) added to the significance of the occasion.

The ceremony marked the culmination of an eventful academic year, celebrating the achievements and contributions of EES in fostering technical excellence, student engagement, and innovation. The distinguished guests shared their experiences and insights, inspiring students to excel in their academic and professional pursuits.



The event concluded with a note of gratitude, recognizing the efforts of the EES team, faculty, and students. It was a memorable occasion, reflecting on a successful year and setting the stage for future endeavors in the field of electrical engineering.

Electrical Engineering Society 2024-25



MEET THE GANG

EES

National Institute of Technology
Warangal

Our Team


Rakesh


Abhinay


Tharun


Shivram


Goutham


Rahul


Maneesha


Kruthika


Rithwik


Dhiyan


Jaeden


Devi sri Prasad


Praneeth


Sirini



Mohit


Sai Jyothika


Amit


Akshith


Raghav


Adi Pranav



Guru



Vishnu



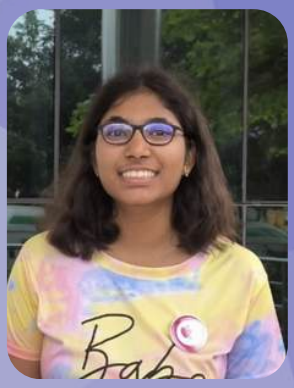
Sreeja



Vipin



Hari Teja



Shamitha



Charishma



Dhruva



Mrudhu Nandan



Abhishek



Nikshita



Mitakshi



Ansh



Kiran



Sai Dheeraj



Apporva



Ranjith



Teja



Sridhar



Keerthi



Harshita



Preeti



Akshitha



Nagaraju



Sudheer



Abhinav



Ishrat Ali



Alok



Swati



Sumanth



Rishi



Sai Suhas



Md. Shafiq



Mayank



Yaswanth



Devi Sri



Piyush



Abdul Mujeer



Srinjoy



Koushik



Vignesh



Aryan



Aradhya



Rishith



Pradeep



Rishitha



Gouthami

Farewell is not the end
it's a beginning
of new era

Signing off

TEAM EES

2024 - 2025

EES 2024 - 2025
NIT WARANGAL