



**IEEE POWER
ELECTRONICS SOCIETY**
Bangalore Chapter



BMSCE IEEE PELS AND IES

SBC04431E

ANNUAL REPORT 2025-2026

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TITLE	Annual General Meeting- 2025
NO OF PARTICIPANTS	Total-50 IEEE-50 NON-IEEE-0
DATE	18th January 2025
TIME	2PM to 4PM
VENUE	BSN Hall, PG Block, BMS College of Engineering
BRIEF DESCRIPTION	Yearly AGM was conducted to honour and felicitate the old executive committee members and to announce and welcome the new members of the committee 2025.

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TITLE	Annual General Meeting- Bangalore Chapter 2025
NO OF PARTICIPANTS	Total-56 IEEE-56 NON-IEEE-0
DATE	22nd February 2025
TIME	10:30AM to 1:30PM
VENUE	Audi-2, PJ Block, BMS College of Engineering
BRIEF DESCRIPTION	The Annual General Meeting (AGM) of the Bangalore Chapter of IEEE PELS and IES was hosted and it provided a platform for various student branch chapters to present their event reports. The Bangalore Chapter also shared its activities and achievements from the past year. The meeting facilitated an exchange of experiences and allowed members to discuss their chapter's initiatives, fostering collaboration and strengthening the network of IEEE student branches in the region.

IMAGE



TITLE	EXECOM Meeting - Mar 2025
NO OF PARTICIPANTS	Total-6 IEEE-6 NON-IEEE-0
DATE	11th March 2025
TIME	10:45AM to 11:15AM
VENUE	PJ Block, BMS College of Engineering
BRIEF DESCRIPTION	All the Excoms met in college to discuss the upcoming events being conducted and assign tasks to each other to ensure the smooth conduction of events.

IMAGES:



TITLE	REDEFINING WOMANHOOD
NO OF PARTICIPANTS	Total-25 IEEE-25 NON-IEEE-0
DATE	19th March 2025
TIME	11AM to 1:30PM
VENUE	CR101,102, PJ Block, BMS College of Engineering
BRIEF DESCRIPTION	The "Redefining Womanhood" Debate Contest was a platform for discussing the evolving meaning of womanhood in society. It was a collaborative event with BMSCE IEEE WIE as part of Women's Week. Participants presented their opening statements (3 minutes) to establish their stance, followed by a rebuttal round (2 minutes) where they countered opposing arguments with logic and facts. Finally, in the closing statement (2 minutes), debaters summarized key points without introducing new arguments. This event encouraged critical thinking, respectful discourse, and a deeper understanding of gender roles, empowerment, and inclusivity, fostering meaningful conversations on the transformation of womanhood.

IMAGES:



TITLE	OR(BIT) ²
	IEEE-28 NON-IEEE-43
DATE	2nd April 2025, 3rd April 2025
TIME	2PM to 5PM on 2nd April 2025 11:30AM to 5:30 PM on 3rd April 2025
VENUE	ECE Seminar Hall and ISE Seminar Hall, BMS College of Engineering
BRIEF DESCRIPTION	OR(BIT) ² was a two day event conducted with Singularity- The Astronomical Club of BMSCE on the account of Space Week. The first day was a workshop where we had resource people give a lecture and demo on image processing and CSV data processing using Python for astronomy related datasets. The next day a code-a-thon was held based on the topics held in the workshop. A total of 6 questions were asked in the span of 6 hours. The winners were decided on the efficiency of the code, mathematical accuracy and how close they were to expected outputs.

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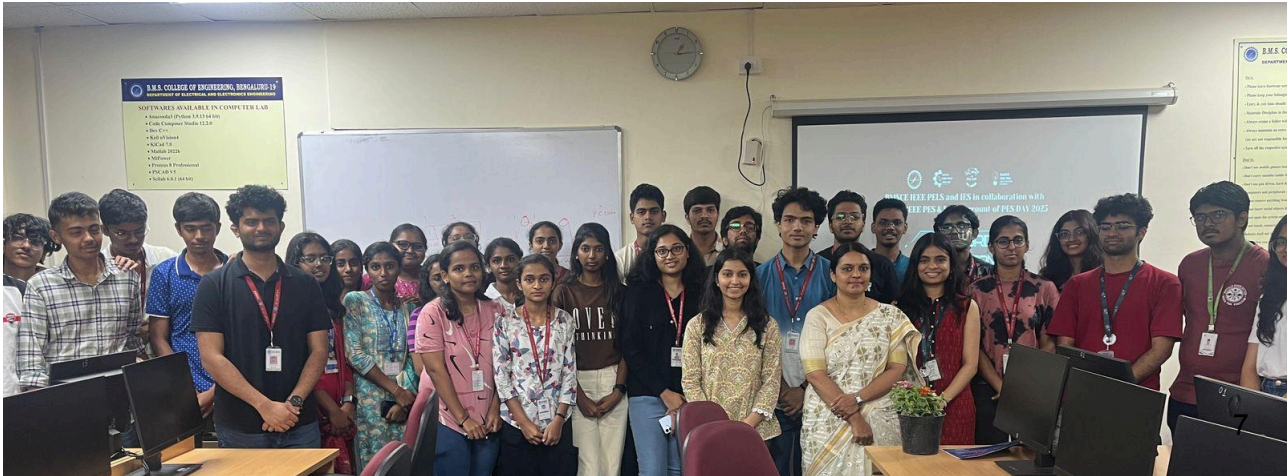
TITLE	Introduction of PELS and IES to EEE Department Students
NO OF PARTICIPANTS	Total-20 IEEE-2 NON-IEEE-18
DATE	10th April 2025
TIME	11:45AM to 12:15PM
VENUE	M Vishveshwarayya Hall, PG Block, BMS College of Engineering
BRIEF DESCRIPTION	During their induction, the club of Electrical and Electronics Engineering 1st year students were introduced to BMSCE IEEE PELS AND IES. The events that were conducted in the past year were talked about. They were told about how they could contribute to the club.

IMAGES:



TITLE	SMARTGRID : SIMULATION WITH MATLAB
NO OF PARTICIPANTS	Total-26 IEEE-12 NON-IEEE-14
DATE	16th April 2025
TIME	11AM to 1PM
VENUE	Computer Lab, PG Block, BMS College of Engineering
BRIEF DESCRIPTION	As part of the PES Day 2025 celebrations, BMSCE IEEE PELS and IES, in collaboration with the BMSCE IEEE PES & Sensors Council, organized an insightful session on energy-saving techniques. The event covered genetic algorithm-based load scheduling, simulation using MATLAB, and modeling in Simulink, led by Dr. Nethravathi S, Assistant Professor, EEE Department, BMS College of Engineering.

IMAGES:



TITLE	YODHAVERSE
NO OF PARTICIPANTS	Total-63 IEEE-11 NON-IEEE-52
DATE	9th and 10th May 2025
TIME	10AM to 4:30PM
VENUE	5th Floor, PJ Block, BMS College of Engineering
BRIEF DESCRIPTION	It was an event conducted on the account of Utsav (The cultural fest of BMSCE). It was conducted for 2 days. The event was a game where the participants had to complete a series of tasks. The winners were decided depending on the points collected along the course of the game and the time taken for them to complete the game. The winners received cash prizes.

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TITLE	DISTINGUISHED LECTURE PROGRAM ON RENEWABLE ENERGY SOURCES INTEGRATION TO MICRO GRIDS
NO OF PARTICIPANTS	Total-40 IEEE-30 NON-IEEE-10
DATE	14th May 2025
TIME	3PM to 5PM
VENUE	Audi-2, PJ Block, BMS College of Engineering
BRIEF DESCRIPTION	The IEEE PELS Distinguished Lecture Program featured an expert session by Prof. Sanjib Kumar Panda on the topic "A Plug and Play Operational Approach for Implementation of an Autonomous Microgrid System." The session provided deep insights into the design and development of scalable, autonomous microgrid systems with a focus on plug-and-play architectures. Prof. Panda emphasized the significance of intelligent control mechanisms and the integration of renewable energy sources for sustainable power systems. Attendees gained valuable knowledge on the practical and research aspects of microgrid implementation, especially within the context of modern power systems and smart grid technologies.

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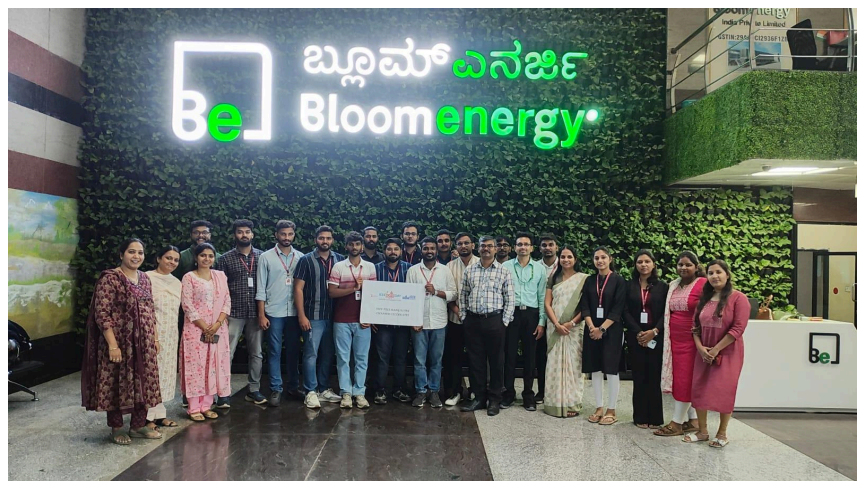
TITLE	EXECOM Meeting - May 2025
NO OF PARTICIPANTS	Total-6 IEEE-6 NON-IEEE-0
DATE	16th May 2025
TIME	10:45AM to 11:15AM
VENUE	PJ Block, BMS College of Engineering
BRIEF DESCRIPTION	An ExeCom meeting was held to discuss the planning and smooth execution of upcoming events, including detailed coordination for the PELS Day celebration and future chapter activities.

IMAGES:



TITLE	INDUSTRIAL VISIT
NO OF PARTICIPANTS	Total-25 IEEE-25 NON-IEEE-0
DATE	11th June 2025
TIME	2PM to 5PM
VENUE	Bloom Energy
BRIEF DESCRIPTION	As part of PELS Day 2025, BMSCE IEEE PELS and IES Student Chapters organized an industrial visit to Bloom Energy, engaging 25 student participants. The visit offered insights into Bloom's cutting-edge solid oxide fuel cell technology and its applications in clean, reliable energy solutions. Students toured the facility and interacted with engineers. This visit bridged classroom learning with real-world applications, highlighting career opportunities in the energy sector. It successfully aligned with the PELS mission of promoting practical knowledge and innovation in power electronics.

IMAGES:



TITLE	BHARATH SHAKTHI - IGNITING INNOVATION FOR AN ASPIRATIONAL BHARATH
NO OF PARTICIPANTS	Total:162 IEEE:73 NON-IEEE:89
DATE	18th August 2025
TIME	2PM to 5PM
VENUE	Auditorium 1, PJ Block, BMS College of Engineering
BRIEF DESCRIPTION	Bharath Shakthi highlighted India's journey toward self-reliance in defense technology through thought-provoking talks and interactive discussions. The event brought together distinguished speakers: Lt. Arun Ananthanarayanan (Retd), Air Vice Marshal K. N. Santosh (Retd), Col. H. S. Shankar (Retd), Dr. Anshuman Behera (Retd), Shri Madhav Bissa, Prof. Udaya Raghunath Birje, and Shri Girishekhara Kallur, who shared their experience, vision, and perspectives on innovation, strategy, and nation-building. Students gained valuable insights into indigenous defense development, leadership, and the role of youth in shaping an aspirational Bharath.

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TITLE	YELLARIGU ELECTRONICS - DAY 1 (THEORY SESSION)
NO OF PARTICIPANTS	Total-45 IEEE-7 NON-IEEE-38
DATE	30th August 2025
TIME	11AM to 12:30PM
VENUE	Women's Peace League High School, Basavanagudi, Bangalore
BRIEF DESCRIPTION	<p>On 30th August, we conducted an interactive electronics workshop for 38 students from Class 9 of a government school, facilitated by 7 volunteers from our team. Using a custom-designed textbook, we introduced key electronics concepts such as charge, current, voltage, resistance, power, and energy. The session also covered basic components like LEDs, resistors, switches, buzzers, DC motors, and breadboards, along with concepts like conductors, insulators, and semiconductors. Fun hands-on activities and quizzes encouraged students to actively engage and apply their learning by building simple circuits.</p> <p>The workshop was well-received, with students showing great enthusiasm and curiosity about the world of electronics.</p>

IMAGES:



TITLE	YELLARIGU ELECTRONICS - DAY 2 (HARDWARE SESSION)
NO OF PARTICIPANTS	Total-45 IEEE - 7 NON-IEEE - 38
DATE	2nd September 2025
TIME	3PM to 4:30PM
VENUE	Women's Peace League High School, Basavanagudi
BRIEF DESCRIPTION	<p>On 2nd September, we conducted a hands-on follow-up session with 38 Class 9 students from a government school. We began by revising the theory covered in the previous class, reinforcing key concepts in electronics. Each student received a component kit containing a breadboard, resistors, capacitors, LEDs, LDRs, switches, buzzers, DC motors, and batteries. Volunteers helped students identify the components and guided them in building simple circuits on the breadboard.</p> <p>The students actively participated, successfully creating various circuits on their own. The session was interactive, practical, and helped strengthen their understanding through real-world application.</p>

IMAGES:



TITLE	IEEE INDUCTION & MINI MEMBERSHIP DRIVE FOR FIRST-YEAR STUDENTS
NO OF PARTICIPANTS	Total-2000 (First year students)
DATE	11th September, 2025
TIME	2:30PM-3:00PM
VENUE	Indoor Stadium, BMS College of Engineering
BRIEF DESCRIPTION	<p>This was conducted as part of the clubs' introduction sessions for first-year students. The chapter's vision, focus areas of PELS and IES, and opportunities such as awards and scholarships were presented.</p> <p>Students were introduced to the flagship events <i>Geek's Biz</i> and <i>Beyond Basics</i>, conducted during PELS and IES Week, along with a brief overview of past activities and the recognition earned by the chapter. The then upcoming events planned for Phase Shift were also highlighted, generating interest among participants.</p> <p>The session concluded by emphasizing the opportunities available in electronics and event management, which can enhance a student's growth and standing in the college. The enthusiasm of the first-year participants was clear, with many reaching out afterwards to inquire about joining, marking the drive a success.</p>

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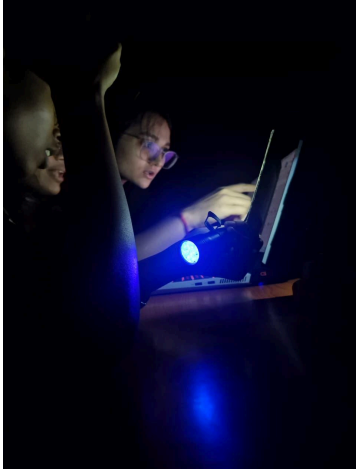
TITLE	MINI ANNUAL GENERAL MEETING
NO OF PARTICIPANTS	Total-25 IEEE-25 NON-IEEE-0
DATE	15th September 2025
TIME	2:30PM to 3:30PM
VENUE	ECE Seminar Hall, PJ-A Block, BMS College of Engineering
BRIEF DESCRIPTION	During the mini Annual General Meeting (AGM), we proudly inducted 8 new Student Activity Coordinators into the club. These students had previously volunteered in our events and stood out for their dedication, enthusiasm, and passion for the club's mission. Their consistent involvement and leadership made them ideal choices to carry forward the spirit and legacy of our club. As newly inducted coordinators, they will now play a key role in organizing future activities, mentoring volunteers, and strengthening our outreach and impact.

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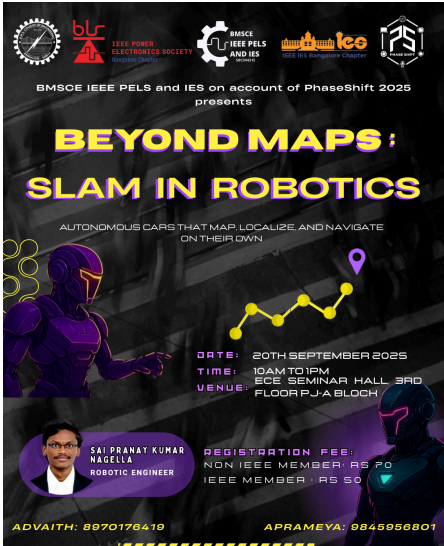
TITLE	OPERATION : CIRCUIT CIPHER
NO OF PARTICIPANTS	Total-43 IEEE-17 NON IEEE-26
DATE	19th September 2025
TIME	9AM to 5PM
VENUE	C-304 PJ Block , BMS College of Engineering
BRIEF DESCRIPTION	Operation Circuit Cipher brought together teams of 2-4 participants for a thrilling mix of electronics, logic, and storytelling. Set in a simulated city-wide blackout, teams used UV flashlights to uncover hidden color codes, decode resistor values, and find eight numbers unlocking a laptop. Inside, a virtual Tinkercad circuit awaited once built and replicated in real life, a buzzing buzzer signaled the city's power restored. The dimly lit setup, time pressure, and immersive plot kept everyone on edge. Participants showcased teamwork, quick thinking, and technical skill. The event was praised for its unique blend of suspense and learning turning circuit building into a real crisis simulation and leaving participants calling it one of the fest's most memorable experiences.

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TITLE	BEYOND MAPS : SLAM IN ROBOTICS
NO OF PARTICIPANTS	Total-29 IEEE-5 NON-IEEE-24
DATE	20th September 2025
TIME	10AM to 1PM
VENUE	ECE Seminar Hall, 3rd floor PJ Block, BMS College of Engineering
BRIEF DESCRIPTION	The event Beyond Maps: SLAM in robotics was a hands-on workshop led by Sai Pranay Nagella ,whose motive was to demonstrate and teach the participants how robots are made autonomous using various algorithms in SLAM.The resource person taught the participants the theory, working and applications of autonomous robots by demonstrating it in Gazebo.The event sponsor ChipEdge Technologies whose founder Mr. George then gave insights on the future of semiconductors. The participants were interactive the whole session. The workshop ignited the interest of the participants in robotics. Many participants were very glad that they got an opportunity to learn many new concepts.

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TITLE	YOUNG PROFESSIONALS' MEET
NO OF PARTICIPANTS	Total-101 IEEE-64 NON-IEEE-37
DATE	20th September 2025
TIME	9:30AM to 3PM
VENUE	Indoor Stadium, BMS College of Engineering
BRIEF DESCRIPTION	BMSCE IEEE PELS and IES, in collaboration with BMSCE IEEE chapters, organized the Young Professionals' Meet on September 20, 2025, as part of Phase Shift 2025. The event featured talks on Electric Mobility and Fuel Cells in EVs, and a panel on Bridging Academia and Industry moderated by Mr. Yeshwanth L. M. Panelists included Mr. Punith Kumar, Dr. Usha Rani K. R, Mr. Aniruddh Koundinya, Mr. Anshuman K, and Dr. Rajesh Swami Narayanan. With 101 participants, the event fostered strong industry-academia interaction.

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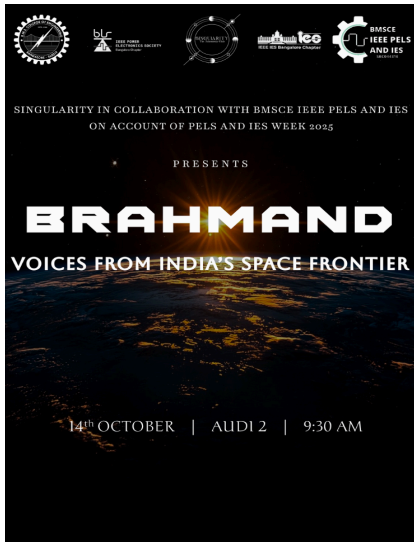
TITLE	E WASTE COLLECTION : E-WASTE ART WALL
NO OF PARTICIPANTS	Total-15 IEEE-0 NON-IEEE-15
DATE	8th, 9th and 10th October 2025
TIME	9AM to 4PM
VENUE	BMS College of Engineering
BRIEF DESCRIPTION	During PELS and IES Week at BMSCE, an e-waste collection and recycling initiative was organized to promote sustainability on campus. Discarded electronic components such as circuit boards, wires, keyboard keys, and CDs were gathered from various campus locations, sorted, and cleaned. The collected materials were then responsibly handed over for certified recycling, helping reduce landfill waste and encouraging students to adopt environmentally conscious disposal practices.

IMAGES:



TITLE	BRAHMAND : VOICES FROM INDIA'S SPACE FRONTIER
NO OF PARTICIPANTS	Total-180 IEEE-8 NON IEEE-172
DATE	14th October 2025
TIME	10AM to 1PM
VENUE	Audi 2, PJ Block, BMS College of Engineering
BRIEF DESCRIPTION	As part of the PELS & IES Week celebrations, an inspiring Space Talk session was conducted in collaboration with Singularity - The Astronomical Society of BMSCE featuring distinguished speakers Mr. Shivaprakash B and Mr. M.S. Srinivasan former ISRO scientists, along with Mr. Dhanush D.B, an Aerospace Innovator. The session offered valuable insights into the ongoing space missions, emerging opportunities in the space sector, and the growing role of startups in aerospace innovation. The speakers also engaged in an interactive Q&A, addressing students' queries and sharing their experiences from the Indian space industry. The event proved to be highly motivating, encouraging students to explore and contribute to India's advancing space ecosystem.

IMAGES:



TITLE	TEKNOLOGIA
NO OF PARTICIPANTS	Total-38 IEEE-6 NON IEEE- 32
DATE	14th October, 2025
TIME	10AM to 1PM
VENUE	BSN Hall, PG Block, BMS College of Engineering
BRIEF DESCRIPTION	As part of PELS and IES Week 2025, organized in collaboration with QCAINE - the Quiz Club of BMSCE, participants took part in a thrilling fusion of intellect and innovation. The event challenged teams with tech-based trivia, rapid-fire rounds, and questions spanning AI, gadgets, and engineering marvels. From quick thinking to clever teamwork, every round kept the excitement high as participants battled for the top spot. It turned out to be an energetic and engaging quiz showdown, a perfect mix of learning, competition, and fun that everyone thoroughly enjoyed.

IMAGES:



TITLE	ALL IZZ VOLT
NO OF PARTICIPANTS	Total-88 IEEE-2 NON-IEEE- 86
DATE	14th October 2025
TIME	11AM to 1PM
VENUE	MBA CR-02 PJ Block, BMS College of Engineering
BRIEF DESCRIPTION	<p>ALL IZZ VOLT was a fun game event organized by Pentagram: The Mathematical Society of BMSCE in collaboration BMSCE IEEE PELS and IES on account of IEEE PELS and IES WEEK 2025. It was an electrifying challenge packed with fast-paced quizzes, thrilling mini-games which tested the logical thinking skills and teamwork among the participants.</p> <p>The event received positive feedback from the participants and many mentioned they would surely participate in more such events.</p>

IMAGES:



TITLE	AUTOVOX: HANDS ON ESP-32 WORKSHOP FOR VOICE CONTROLLED AUTOMATION
NO OF PARTICIPANTS	Total-47 IEEE-33 NON-IEEE-14
DATE	14th October 2025
TIME	1PM to 5PM
VENUE	ECE Seminar Hall, PJ Block, BMS College of Engineering
BRIEF DESCRIPTION	AUTOVOX was an engaging, hands-on workshop conducted on account of PELS AND IES WEEK 2025 that introduced participants to the fascinating world of voice controlled automation using the ESP32 microcontroller. The session began with an overview of IoT fundamentals, followed by practical demonstrations on integrating voice recognition modules with hardware components. Participants learned to design and implement basic automation systems that respond to voice commands, replicating the functionality of smart assistants like Alexa. The event emphasized experiential learning, allowing attendees to gain both technical knowledge and real-time problem solving experience in building IoT-based smart devices.

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TITLE	EXPERT TALK : POWERING THE FUTURE WITH GaN
NO OF PARTICIPANTS	Total-70 IEEE- 22 NON-IEEE - 48
DATE	14th October 2025
TIME	2PM to 4PM
VENUE	Auditorium 2, PJ-A Block, BMS College of Engineering
BRIEF DESCRIPTION	On the occasion of PELS and IES Week 2025, IEEE SSIT in collaboration with BMSCE IEEE PELS and IES organised an exclusive Expert Talk on one of the fastest-growing technologies in the semiconductor industry – Gallium Nitride (GaN). The talk led by Mr. Madhav Sai from Texas Instruments gave insights on Power Electronics to Electric Vehicles, from Renewable Energy to 5G and Consumer Gadgets and how GaN is revolutionizing the world of technology and why it's the game-changer of the future. The participants were an amazing audience and asked various questions and took notes for the same.

IMAGES:

BMSCE IEEE PELS and IES in collaboration with BMSCE IEEE SSIT on account of PELS and IES Week 2025 presents

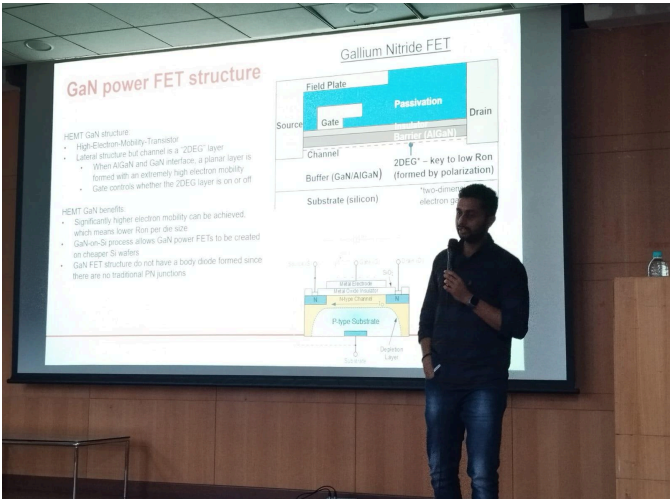
EXPERT TALK: Powering the future with GaN

DATE: 14/10/2025
TIME: 2PM to 4PM
VENUE: TBA

RESERVE YOUR SPOT HERE!

MADHAV SAI
Product Marketing,
Texas Instruments

Garima Kedia: 8866260221 Gauranga Datta: 6360946182



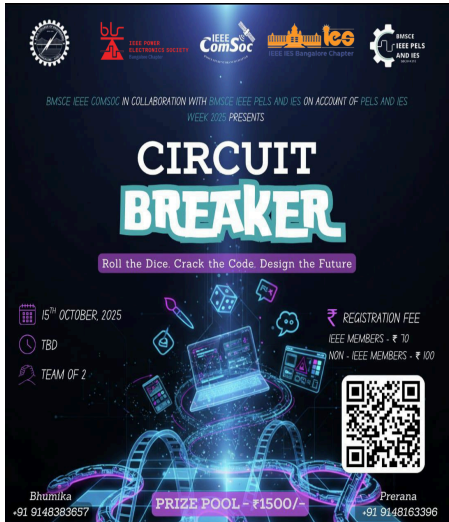
TITLE	PIXEL PUZZLES
NO OF PARTICIPANTS	Total-29 IEEE-0 NON IEEE-29
DATE	14th October, 2025
TIME	2PM to 4PM
VENUE	BSN Hall, PG Block, BMS college of Engineering
BRIEF DESCRIPTION	On the occasion of PELS and IES Week 2025, IEEE WIE in collaboration with BMSCE IEEE PELS and IES organized an exciting team event titled “Pixel Puzzles.” This fun visual quiz challenged participants to guess logos, brands, companies, and more using only pictures, posters, and emojis. Teams of 2–3 members competed across multiple thrilling rounds that tested their observation, speed, and knowledge, making it an engaging and lively experience for all participants.

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TITLE	CIRCUIT BREAKER
NO OF PARTICIPANTS	Total-68 IEEE-9 NON IEEE-59
DATE	15th October, 2025
TIME	1PM to 4PM
VENUE	CR 6003, PG Block, BMS College of Engineering
BRIEF DESCRIPTION	As part of PELS and IES Week 2025, organized in collaboration with the BMSCE IEEE Communication Society, participants enjoyed an engaging two-round event full of creativity and fun. Round 1 featured a life-size Snakes & Ladders game with surprise twists, challenges, and sabotage cards that kept everyone on their toes. The winners advanced to Round 2, where they designed posters, logos, or mock apps using tools like <i>Canva</i> , <i>ChatGPT</i> , and <i>Gemini</i> , followed by a 10-minute pitch connecting their ideas to the theme. The event was a perfect blend of teamwork, innovation, and excitement, leaving everyone energized and inspired.

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TITLE	BRAIN WIRED
NO OF PARTICIPANTS	Total-25 IEEE-5 NON-IEEE-20
DATE	15th October 2025
TIME	10AM to 1PM
VENUE	MBA CR-02, PJ Block, BMS College of Engineering
BRIEF DESCRIPTION	Brain Wired was conducted on account of PELS and IES WEEK 2025. It was an engaging, multi-round technical competition where participants' problem-solving skills, creativity and technical knowledge was tested in a dynamic and interactive format. The event blended analytical thinking, technical know-how, and quick decision-making through a series of progressively challenging rounds.

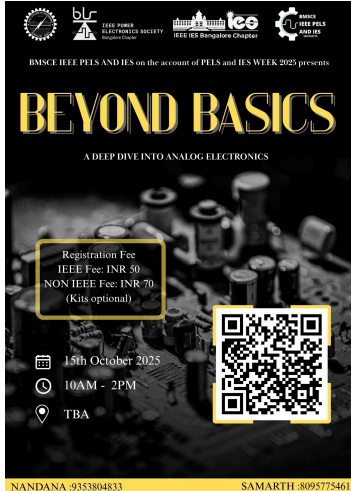
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BMSCE IEEE Computer Society in collaboration with
BMSCE IEEE PELS and IES on account of
PELS and IES Week 2025 presents
BRAIN WIRED
 Where logic is key and speed is the edge
Date: 15th October 2025 **Registration Fee**
Time: 10:00 AM to 1:00 PM IEEE Members: ₹35
Mode: Offline Non-IEEE Members: ₹50
PRIZE POOL
₹1200
Nandan: 77600 80258 **Dhriti:** 98860 73209



TITLE	BEYOND BASICS
NO OF PARTICIPANTS	Total-31 IEEE-3 NON IEEE-28
DATE	15th October 2025
TIME	10AM to 2PM
VENUE	ETE Lab, 6th floor PJ Block, BMS College of Engineering
BRIEF DESCRIPTION	As part of PELS & IES Week, a flagship Analog Workshop was conducted, led by Mr. Sathish who introduced students to the fundamentals of diodes and transistors and their real-life applications. Following the session, participants engaged in a hands-on experiment using provided kits, where they explored concepts such as AC to DC conversion, signal clipping, and other practical circuit behaviors, making it an enriching and interactive learning experience.

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TITLE	AI AMPED
NO OF PARTICIPANTS	Total-86 IEEE-8 NON-IEEE-78
DATE	15th October 2025
TIME	11AM to 1PM
VENUE	AIML Seminar Hall, PJ Block, BMS College of Engineering
BRIEF DESCRIPTION	AI AMPED was an insightful session conducted on account of PELS AND IES WEEK 2025 led by Mr. Shivam Modi, Deputy Manager, Data Science at Tata Semiconductor, exploring how Generative AI is transforming the landscape of intelligent systems. The event delved into the integration of AI with real world engineering applications, from system optimization and automation to adaptive learning in modern industries. Mr. Modi shared his expertise in AI, computer vision, and data science, helping participants understand how emerging technologies are shaping the future of electronics and energy systems. The session provided valuable industry oriented perspectives, inspiring students to innovate and explore careers in AI-driven fields.

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TITLE	LASERXPLORE
NO OF PARTICIPANTS	Total-27 IEEE-9 NON-IEEE-18
DATE	15th October 2025
TIME	2PM to 5PM
VENUE	MBA CR 02, PJ Block, BMS College of Engineering
BRIEF DESCRIPTION	The BMSCE IEEE Student Branch, in collaboration with BMSCE IEEE PELS and IES, organized an engaging hands-on workshop titled “LaserXplore: A Hands-On Workshop on Laser Electronics” as part of PELS and IES Week 2025. Conducted by Md. Arsalan Ashraf from Raman Research Institute and Neurobit Inc., the session provided participants with an enriching experience in understanding the fundamentals and applications of laser technology. Attendees explored practical uses of lasers in communication and energy transfer, while also building their own Laser Security Alarm and performing online simulations. The event received an enthusiastic response, fostering curiosity and innovation among students in the field of laser electronics.

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TITLE	MARKET MAFIA
NO OF PARTICIPANTS	Total-42 IEEE-6 NON IEEE-36
DATE	16th October 2025
TIME	11AM to 2PM
VENUE	MBA CR 02, PJ Block, BMS College of Engineering
BRIEF DESCRIPTION	Business Insights in collaboration with BMSCE IEEE PELS AND IES organised a realistic stock market simulation named “Market Mafia” as a part of PELS and IES week 2025 , was an interactive simulation designed to demonstrate how stock prices fluctuate during critical situations such as economic crises and emergencies. Each team was provided with an initial capital of ₹10,000, which they could strategically invest in various stocks during each round. Participants were required to analyze market hints and trends indicating the current stock rates to predict whether the value of their chosen stocks would rise or fall. Throughout the simulation, teams had to make quick, data-driven decisions to maximize their returns while managing financial risks. At the end of the event, the team with the highest net profit was declared the winner, showcasing their understanding of market dynamics and investment strategy.

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TITLE	GEEK'S BIZ
NO OF PARTICIPANTS	Total-114 IEEE-82 NON-IEEE-32
DATE	16th October 2025
TIME	11:00AM to 4:00PM
VENUE	Audi 2, PJ BLOCK, BMSCE
BRIEF DESCRIPTION	Geek's Biz was a flagship event conducted on account of PELS and IES WEEK 2025. In this event, the participants team up to form teams of 2, solve a fun quiz related to media, hunt treasure to earn 'bizcoins', play electronic charades to guess the component right, finally use all the coins to bid components in a thrilling auction, making their way to win a cash prize.

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TITLE	VAULT OF TRIALS
NO OF PARTICIPANTS	Total-42 IEEE-13 NON-IEEE-29
DATE	16th October 2025
TIME	11AM to 12PM
VENUE	Computer Lab PG Block, BMS College of Engineering
BRIEF DESCRIPTION	The BMSCE ACM Student Chapter, in collaboration with BMSCE IEEE PELS and IES, organized an exciting and intellectually stimulating event titled “Vault of Trials: The Door of Fortune is Here!” as part of PELS and IES Week 2025. The event challenged participants to engage in a two-hour battle of wits, where each stage presented a riddle, logic puzzle, or technical problem that needed to be solved to unlock the next door within the Vault. Designed to test problem-solving skills, speed, and teamwork, the event attracted enthusiastic participation from students eager to prove their analytical prowess. “Vault of Trials” successfully combined fun and learning, leaving participants with an unforgettable experience of strategy, logic, and excitement.

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TITLE	RESONANCE- The WiFi Antenna Contest
NO OF PARTICIPANTS	Total-20 IEEE-9 NON IEEE-11
DATE	16th October 2025
TIME	10AM to 2PM
VENUE	L-307 RF Lab, PJ Block, BMS College of Engineering
BRIEF DESCRIPTION	Resonance – Wi-Fi Antenna Contest was organized by BMSCE APS in association with BMSCE IEEE PELS as a part of PELS and IES Week 2025. It was a hands-on technical event to encourage innovation and practical application of antenna design concepts among undergraduate students. Participants were challenged to design, simulate, and fabricate antennas operating in the Wi-Fi frequency band. Final testing and evaluation of the fabricated antennas were conducted using state-of-the-art measurement equipment, ensuring an industry-level experience.

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TITLE	NEXT GEN SIGNAL PROCESSING WITH AI
NO OF PARTICIPANTS	Total-20 IEEE-3 NON IEEE-17
DATE	16th October 2025
TIME	2PM to 4PM
VENUE	ECE Seminar Hall, PJ Block, BMS College of Engineering
BRIEF DESCRIPTION	On the occasion of PELS and IES Week 2025, IEEE SPS in collaboration with BMSCE IEEE PELS and IES organized an engaging hands-on workshop on “Next Gen Signal Processing with AI.” The session, led by Dr. Sanjeev Gurugopinath, Engineering Director at MMRFIC Tech. Pvt. Ltd., explored how Artificial Intelligence (AI) is revolutionizing signal processing from speech recognition to medical diagnostics. Participants gained practical experience using MATLAB, bridging classical DSP techniques with modern AI-driven applications.

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TITLE	IEEE EDGE Orientation
NO OF PARTICIPANTS	Total-22 IEEE-0 NON-IEEE-22
DATE	31st October 2025
TIME	3PM to 4:30PM
VENUE	ECE Seminar Hall, PJ Block, BMS College of Engineering
BRIEF DESCRIPTION	The orientation began with a brief introduction to IEEE and its various chapters, giving participants a clear understanding of the organization's structure and purpose. The session highlighted the different IEEE societies, their goals, key achievements, and major annual events. Each chapter's Student Activities Coordinator (SAC) shared insights about their club's vision, projects, and student opportunities, helping participants understand how each chapter functions and how they could get involved. To keep the session engaging, two short activities were included, encouraging interaction and participation. Overall, the orientation provided an informative and interactive introduction to IEEE at BMSCE.

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TITLE	MEMBERSHIP DRIVE-1
NO OF PARTICIPANTS	200
DATE	1st -10th November 2025
TIME	9AM to 4PM
VENUE	BMS College of Engineering
BRIEF DESCRIPTION	A dedicated membership drive was recently executed by the IEEE Student Chapters. The initiative was spearheaded by Student Activity Coordinators (SACs) who represented the various affiliated student clubs. The primary objective was to increase student enrollment by effectively communicating the benefits and importance of professional society membership. The focus of their outreach was to articulate the critical importance of being part of the club and the broader IEEE organization, highlighting opportunities for professional development, networking, and technical skill enhancement.

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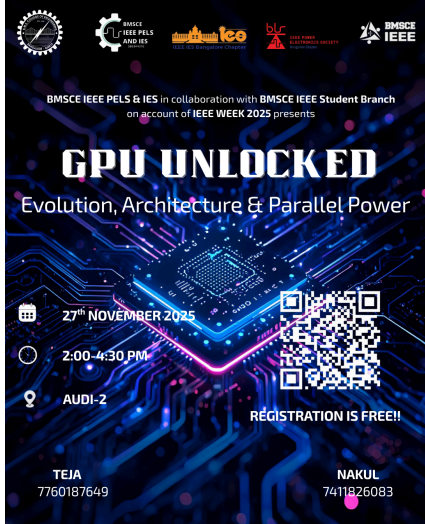
TITLE	2-Day VLSI Workshop
NO OF PARTICIPANTS	Total-38 IEEE-22 NON-IEEE-16
DATE	22nd, 23rd November 2025
TIME	9AM to 2PM
VENUE	ChipEdge Technologies, BTM Layout, Bengaluru
BRIEF DESCRIPTION	On account of IES Day 2025, BMSCE IEEE PELS and IES conducted a 2 Day VLSI Workshop in collaboration with a leading VLSI training centre, ChipEdge Technologies. The workshop featured a structured introduction, an overview of the ASIC design flow, and theory lab sessions on Design Verification (DV), Design-for-Testability (DFT), and Physical Design (PD), followed by a career talk. On Day 1, Dr. George, CTO of ChipEdge Technologies, introduced essential VLSI fundamentals, and the ChipEdge facility provided industry-certified EDA tools for hands-on learning. On Day 2, the faculty covered DFT and PD concepts in depth, including scan-based testing and key implementation stages such as floorplanning, placement, CTS, and routing. Overall, the workshop effectively connected theory with practical workflows and sparked strong interest in advanced VLSI and semiconductor design.

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TITLE	GPU UNLOCKED : Evolution, Architecture and Parallel Power
NO OF PARTICIPANTS	Total-38 IEEE-7 NON-IEEE-31
DATE	28th November 2025
TIME	2PM to 5PM
VENUE	Auditorium 2, PJ Block, BMS College of Engineering
BRIEF DESCRIPTION	The seminar offered an insightful dive into GPU architecture, with engaging talks and interactive discussions. Key concepts like core organization, memory hierarchy, and parallel processing were explained clearly by Mr. Srikrishna S Kashyap, Tech Consultant at Kashyap Tech, and Mr. Harshith Kulkarni, Senior Software Engineer at Tech Mahindra, making the session both informative and impactful. The structured flow and practical explanations helped students grasp the fundamentals with ease. The session also highlighted the growing relevance of GPUs in emerging technologies and real-world applications. Overall, it was an enriching experience that left participants motivated to explore GPU computing further.

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TITLE	ANVESH - PROJECT EXHIBITION
NO OF PARTICIPANTS	Total - 60 IEEE-30 NON IEEE-30
DATE	8th December 2025
TIME	9AM to 4PM
VENUE	Measurements Lab, PG Block, BMS College of Engineering
BRIEF DESCRIPTION	A project exhibition cum contest was conducted by BMSCE IEEE PELS And IES in collaboration with EEE ASSOCIATION (Official club of BMSCE EEE Department). The participating teams were enthusiastic and showcased technically proficient projects. A prize pool of Rupees Ten Thousand was distributed amongst the winners. A total of Rupees Three Thousand was contributed by BMSCE IEEE PELS And IES towards the contest prize pool.

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TITLE	MEMBERSHIP DRIVE - 2
NO OF PARTICIPANTS	IEEE - 18
DATE	15th - 20th December 2025
TIME	9AM to 6PM
VENUE	BMS College of Engineering
BRIEF DESCRIPTION	A dedicated membership drive was recently executed by the IEEE Student Chapters. The initiative was spearheaded by Student Activity Coordinators (SACs) who represented the various affiliated student clubs. The primary objective was to increase student enrollment by effectively communicating the benefits and importance of professional society membership. The focus of their outreach was to articulate the critical importance of being part of the club and the broader IEEE organization, highlighting opportunities for professional development, networking, and technical skill enhancement.

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