



**Sri Siddhartha
School of Engineering**

NEWSLETTER 2025–2026

VOLUME-1

**DEPARTMENT OF
ELECTRICAL & ELECTRONICS
ENGINEERING**

POWER PULSE

POWERING IDEAS, SHAPING THE FUTURE





VISION AND MISSION OF THE COLLEGE

VISION

"Create technically skilled managers & entrepreneurs, innovative leaders and environmentally receptive citizens having a transformative impact on society".

MISSION

- To create a transformative educational experience for students focused on basic technical knowledge and problem solving
- To inculcate Leadership, communication, interpersonal skills, personal health and well-being
- To Create a collaborative environment open to the free exchange of ideas, where research, creativity, innovation, and entrepreneurship can flourish
- To impact society in a transformative way regionally, nationally and globally by engaging with partners outside the traditional borders of the university campus.

VISION AND MISSION OF THE DEPARTMENT

VISION

"To empower future leaders in the electrical engineering field by developing technically proficient engineers, fostering innovation in technologies, and promoting sustainable practices that drive progress and positively impact society".

MISSION

- To develop electrical engineers who are technically proficient and also visionary leaders.
- To emphasize the importance of innovative thinking and sustainability preparing graduates to contribute to the advancement of electrical technologies
- To develop expertise in electrical systems while promoting sustainable practices that lead to progress and positive societal impact
- To instill ethical responsibility in students, ensuring they approach every challenge with integrity and a focus on positive social and environmental impact.

SSSE Faculty Participated in the Trekking organized by the NSS team on 2nd August 2025.

Trekking for faculty involves organized trips, often through universities focusing on holistic development, team building, and experiential learning, benefiting both faculty and students through stress relief, leadership practice, and environmental awareness. Such programs focus on character building, helping faculty step out of comfort zones for personal growth and stronger peer connections.



EEE Department conducted a Group Discussion for students on 06/09/2025

To promote critical thinking, awareness of current affairs, and effective communication skills among students, a group discussion session was organized in our department on the topic 'General Topics in News.' The event aimed to provide students with a platform to express their views, exchange ideas, and analyze

contemporary issues from multiple perspectives. The session was part of the college's initiative to enhance students' soft skills and prepare them for academic as well as professional challenges, where group discussions play a crucial role.



"A Role of NCC In building a Nation."

On September 19, 2025, Ayesha Firdose, a faculty member of the Electrical and Electronics Engineering department, conducted an educational session for first-year students titled "A Role of NCC In building a Nation." The session likely focused on the following core objectives associated with the National Cadet Corps:



Ayudha Pooja

Ayudha Pooja is a significant Navratri tradition, celebrated on the 9th day (Navami) to honor the tools, machinery, and instruments used in daily life and professional work.

30th sept 2025, Ayudha Pooja in the EEE Dept.



Mandara Giri (Basadi Hill)

This site is a popular destination for heritage walks due to its unique peacock-feather-shaped Jain temple (Guru Mandir) and the 81-foot-high statue of Chandranatha Tirthankara. Students visit to study its architecture and the 435 steps leading to the hilltop temples. Third semester students participated in the heritage walk @Mandaragiri



Soft Skill Training for Students (October 2025):

For 3rd Sem (Foundational): Active listening, basic etiquette, presentation skills, and professional resume writing.

For 7th Sem (Placement Focus): Interview skills, group discussions, negotiation, and leadership skills.



Nov 7th 2025 Kannada Rajyotsava.

Kannada Rajyotsava in colleges celebrates Karnataka's formation with cultural pride, featuring flag hoisting, singing the state anthem ("Jaya Bharatha Jananiya Tanujate"), traditional dances (like Dollu Kunitha), music, poetry, and dramas showcasing Kannada heritage, often with students in red & yellow attire, culminating in felicitation of achievers, fostering unity and cultural awareness.





Celebration of National Entrepreneurship Day by IIC SSSE. November 12th, 2025

Industrial Visit to Kamath Transformer on Nov 12th 2025

The industrial visit to Kamath Transformers provided an invaluable bridge between theoretical electrical engineering and real-world industrial practice. Students gained direct exposure to the end-to-end production cycle, including core assembly, high-voltage winding methods, and the application of insulation materials.

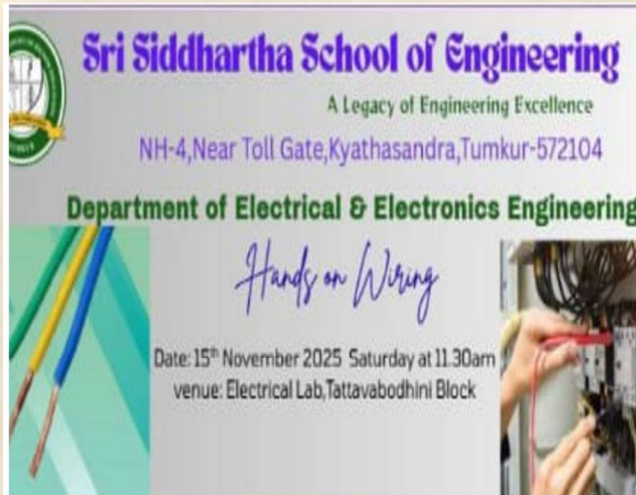


Department of Electrical & Electronics Engineering had organized an industrial visit on 12 NOV 2025 to KAMATH TRANSFORMERS PRIVATE LIMITED DOBBASPET KIADB INDUSTRIAL AREA, Bangalore, Karnataka.

The visit was coordinated by MD TANVEER J, Asst. Professor, Department of EEE.

Nov 15th 2025 Conducted Hands on wiring session in the EEE Department

The Department of Electrical & Electronics Engineering organized a practical activity "Hands-on wiring" for 2nd, 3rd, and 4th year students on the preparation of a 2-Way Extension Board with Dual Switch and Socket



Students successfully prepared working extension boards, gaining hands-on experience in wiring, improving their understanding of electrical safety, and developing confidence in practical electrical work, thereby enhancing their problem-solving skills and preparing themselves for real-world electrical projects

Nov 29th 2025 completed the mini project.



November 30th 2025 completed the Major project.



December 1st 2025, 3rd semester Nayana participated in central Karnataka division level in Tipturu.



we concluded the visit by taking a group photo.
December 5th 2025 industrial visit to Volvo.

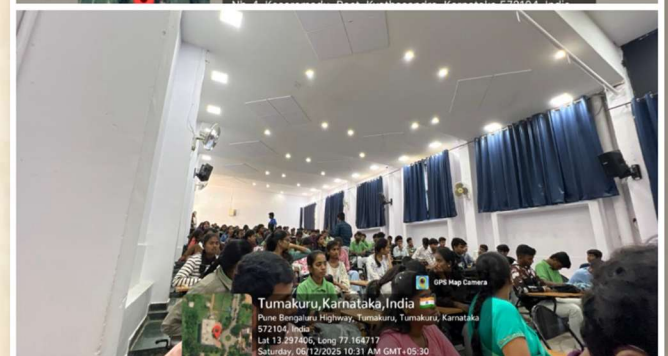


Industrial visit to Volvo

Visiting Volvo CE India's Peenya plant was a very useful experience for our students. We saw how a global company uses modern manufacturing practices in India, including factory layout, assembly lines, safety, environmental care, and quality checks. It was interesting to learn how machines like excavators, compactors, and road-building equipment are designed and made for Indian conditions, helping us connect our classroom lessons to real industry work. The visit also showed us how a multinational company supports "Make in India," creates jobs, and brings new technology. We learned about their sustainability efforts, such as electric machines, cleaner engines, proper energy and waste management. Overall, the visit helped us understand the construction equipment market, how global companies compete, and the opportunities in India's infrastructure industry, which will be useful for our future careers. Finally,

6th December 2025 a session on python

Glimpses of one day workshop on **Python for Engineering Problem-Solving: A Hands-On Approach.**



Conducted Alumni meet in the EEE Department:



Glimpses of Alumni Meet Smriti Samyamah – 2025

An alumni meet is a gathering of former students of a particular school, college, or university to celebrate shared history and reconnect with one another.

Nostalgia and Connection: These events allow ex-students to revisit their alma mater, meet old friends and teachers, and relive the "golden days" of their youth. **Networking:** It provides a platform for professionals to share expertise, mentor current students, and explore career or business opportunities.

FDP program at Dandeli.

Our Institution, SSSE, hosted a Two-Day Faculty Development Program (FDP) in association with CONNECT at Dandeli (13th – 14th December, 2025)



This FDP highlighted the shift from traditional instructional practices to transformative teaching that inspires, engages, and empowers learners



Our 2-day training session at Dandeli, with a stay and exciting water activities at Ganeshgudi, has been a perfect blend of learning, adventure, & team bonding.

Glimpses of Krishnastami.

The Sri Siddhartha School of Engineering, Tumkur, celebrated a grand Cultural Fest on the auspicious occasion of the 79th Independence Day of India combined with the joyous festival of Krishna Janmashtami. This unique blend of patriotism and cultural heritage made the event highly memorable for the faculty, staff, students and children who participated with enthusiasm. The program was organized under the able guidance of the Dean of Academics and the cultural committee, with active involvement from students of all departments.

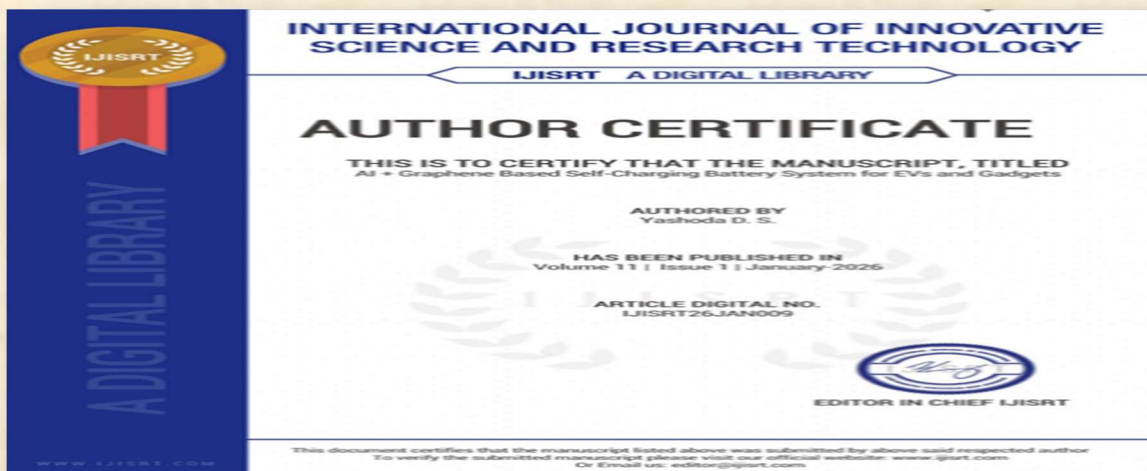


Faculty Achievements:

- ✓ Mrs. Yashoda D. S. and Ms. Shifa Firdose have taken admission to Ph.D at SSAHE.
- ✓ Mrs. Ayesha Firdose completed her Course Work of Ph. D at SSAHE
- ✓ Mrs. Ayesha Firdose participated in 5 days online FDP on “AI, ML & Deep Learning for Autonomous Vehicles” organized by STEP-National Institute of Technology, Karnataka in association with Pantech e Learning from 28-07-2025 to 01-08-2025.
- ✓ Mrs. Ayesha Firdose participated in one day FDP on “Introduction to AI and its Application” organized by the VTU in association with Bangalore Institute of Technology, Bengaluru on 30th August, 2025.



- ✓ Mrs. Ayesha Firdose successfully completed ATAL FDP on “Advanced Embedded Systems: RTOS and Automotive can Applications” from 18-08-2025 to 23-08-2025
- ✓ Ms. Shifa Firdose participated in 5 days online FDP on “Generative AI with LLM” organized by STEP-National Institute of Technology, Karnataka in association with Pantech e Learning from 07-07-2025 to 11-07-2025
- ✓ Mrs. Yashoda D S participated in online FDP on “Outcome based Education and Application of generative AI teaching and research” organized by St. John Technical & Educational Campus, Palghar from 19-11-2025 to 26-11-2025
- ✓ Mrs. Yashoda D S published a paper on “AI+Graphene based selfcharging battery system for EVs and gadgets” in International Journal of Innovative Science and Research Technology, Volume 11, Jan 2026.



“EMPOWERING MINDS TODAY TO ENGINEER A SMARTER, SUSTAINABLE FUTURE.”



Chief Editor
Dr M.S.G Smitha
Head of the Department



Co-Editor
Mrs. Ayesha Firdose
Assistant Professor



Co-Editor
Mr. Darshan M H
Student Co-Ordinator



COURSES OFFERED

BACHELOR OF ENGINEERING (B.E.):

- Civil Engineering
- Computer Science & Engineering
- Computer Science & Engineering (AI & ML)
- Computer Science & Engineering (Cyber Security)
- Computer Science & Engineering (Data Science)
- Electronics & Communication Engineering
- Electrical & Electronics Engineering
- Information Science & Engineering
- Mechanical Engineering

SRI SIDDHARTHA SCHOOL OF ARCHITECTURE

Bachelor of Architecture

MASTER OF TECHNOLOGY (M.TECH):

- M.Tech - Structural Engineering (Civil)
- M.Tech - Thermal Power Engineering (Mechanical)

RESEARCH CENTRE

Mechanical Engineering

DIPLOMA PROGRAMMES

- Computer Science & Engineering
- Electronics & Communication Engineering
- Electrical & Electronics Engineering
- Mechanical Engineering

5000+

STRONG
ALUMNI NETWORK

15+

ROBUST
ALUMNI NETWORK

28 ACRE

OF SPRAWLING WI-FI
ENABLED CAMPUS

250+

RECRUITING
PARTNERS

100%

ELIGIBLE
STUDENT PLACED

3-12L

DREAM
OFFERS

500+

OFFERS IN
2024-25

