



## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### NEWS LETTER (JAN – JUNE 2026)

**Vision:** To become a centre of excellence in electrical and electronics engineering through high quality technical education with emphasis on holistic excellence.

**Mission :** To inculcate ethical professionalism through value based quality education so as to equip the students with appropriate skills for a meaningful career and holistic excellence and promote creative engineering ideas for the benefit of the society.

### Programme Educational Objectives

1. Graduates shall have a good foundation in the fundamental and practical aspects of Mathematics and Engineering Sciences so as to build successful and enriching careers in the field of Electrical Engineering and allied areas.
2. Graduates shall learn and adapt themselves to the latest technological developments in the field of Electrical & Electronics Engineering which will in turn motivate them to excel in their domains and shall pursue higher education and research.
3. Graduates shall have professional ethics and good communication ability along with entrepreneurial skills and leadership skills, so that they can succeed in multidisciplinary and diverse fields.

### Programme Specific Outcomes

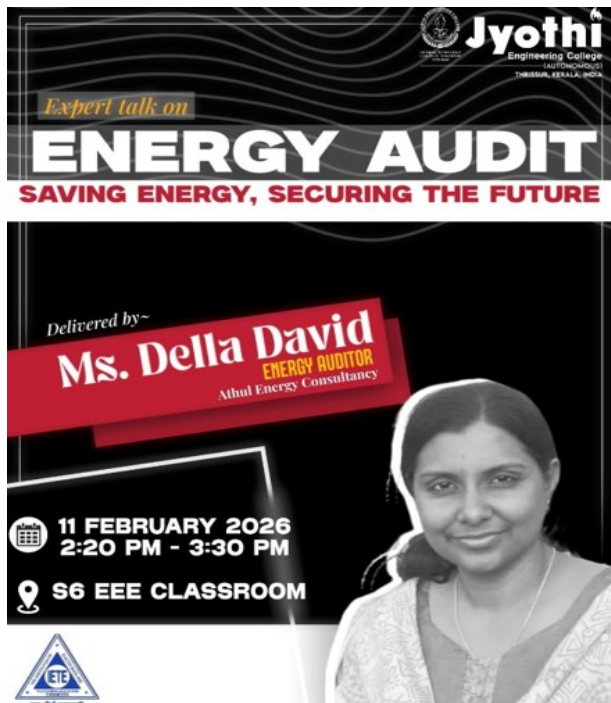
1. Ability to have good foundation in theoretical and practical aspects of Electrical & Electronics Engineering.
2. Ability to model, analyze, design and realize physical systems, components or processes thereby adapt themselves to the latest research and developments in the field of Electrical & Electronics Engineering.
3. Ability to communicate and work professionally as well as take up entrepreneurial endeavours in the field of Electrical Engineering and allied areas for the benefit of the society.

## PROGRAMMES CONDUCTED

1. A Workshop on 'Overview on CAD & Industry Oriented Insights' was organized by ISTE on January 30, 2026.
2. A Robotics & IoT Workshop was conducted by IETE on January 12, 2026.



3. A Workshop on EV (Electric Vehicles) was hosted by the NDLI Club on January 13, 2026.
4. An Expert Talk on "Energy Audit: Saving Energy, Securing the Future" was organized by the IETE student chapter on February 11, 2026, from 2:20 PM to 3:30 PM, featuring Ms. Della David as the key-note speaker.



5. The Department of Electrical and Electronics Engineering signed a Memorandum of Understanding (MoU) with Haritha Mobility Solutions (HiCET Campus, Malumichampatty, Coimbatore) on February 13, 2026.

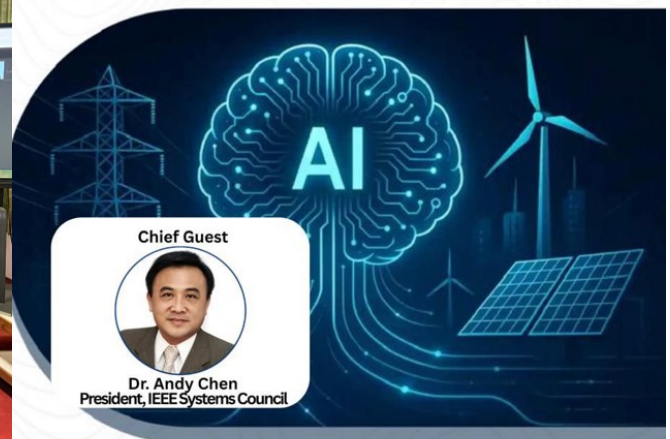


6. The Department of Electrical and Electronics Engineering at Jyothi Engineering College, in collaboration with the IEEE Kerala Section Systems Council Chapter, organized an online FDP titled "Artificial Intelligence for Modern Electrical Engineering: Concepts to Real-Time Applications" from May 18 to May 23, 2026. The program bridged theoretical data science with practical engineering applications.



**Department of Electrical & Electronics Engineering**  
in Collaboration with  
IEEE Kerala Section Systems Council Chapter  
organizes

*Online Faculty Development Programme*



**"Artificial Intelligence for Modern Electrical Engineering: Concepts to Real-Time Applications"**

Venue: Insight Hall

18 – 23 May 2026

1:00pm – 4:00pm



## STAFF ACHIEVEMENTS

1. Dr. Navin Sam D. successfully defended his Ph.D. thesis on January 22, 2026, on the topic "Integrated Multi-input Single-Phase Step-up Multilevel Inverter for Sustainable Development of Green Energy Systems."
2. Dr. Navin Sam D. served as a Resource Person for the AICTE ATAL FDP hosted at UKF College of Engineering, Kollam, on January 24, 2025.
3. Dr. Navin Sam D. published a paper titled "WOA based MPPT of Five Strings Connected PV System under Partial Shading with a Switched-Capacitor Configured High Step-Up Non-Isolated DC Converter" in the proceedings of the 2025 IEEE 2nd International Conference on Information Technology, Electronics and Intelligent Communication Systems (ICITEICS) in Bangalore, India.
4. Dr. Jithin K. Jose was honored with the Best Student Branch Counsellor Award by the IEEE Kochi Subsection.
5. Dr. Jithin K. Jose co-authored a research paper titled "Real-Time Stray Animal Management System Using IoT and Computer Vision," which was presented and published at the 2025 Control Instrumentation System Conference (CISCON) in Manipal, India.
6. Ms. Soumya C., along with K. Akash Hari, Eldhos Sunny, and P. Navaneeth Krishna, successfully published their research on a "Real-Time Stray Animal Management System Using IoT and Computer Vision" at the 2025 Control Instrumentation System Conference (CISCON).
7. Dr. Navin Sam D. published a research paper titled "Nodal Prices Determination for PV Integrated Radial Distribution System using Optimal Power Flow Method" in the proceedings of the 2025 IEEE 2nd International Conference on Green Industrial Electronics and Sustainable Technologies (GIEST) in Jamshedpur, India.
8. Dr. Shijoh V. served as an External Auditor for the NBA Mock Visit conducted at MDIT, Kozhikode, on March 5, 2026.
9. Dr. Shijoh V., Dr. Jithin K. Jose, and Ms. Melvi C. V. successfully coordinated and accompanied students on an Industrial Visit to KEL on March 12, 2026.
10. Dr. Shijoh V served as a Resource Person for the Online Faculty Development Programme (FDP) on "Artificial Intelligence for Modern Electrical Engineering: Concepts to Real-Time Applications", conducted by Jyothi Engineering College (Autonomous) from 18-23 May 2026, and delivered a session titled "Intelligent Control Systems."
11. Dr. Navin Sam D. Served as a Resource Person for the Online Faculty Development Programme (FDP) on "Artificial Intelligence for Modern Electrical Engineering: Concepts to Real-Time Applications" and delivered a session titled "AI for Energy Management in Microgrids."
12. Dr. Navin Sam D. successfully completed the professional development course "Python for Optimization: From Basics to Pyomo & MEALPy," taught by Dr. Shady Abdel Aleem on Udemy, on February 22, 2026.
13. Dr. Navin Sam D. Successfully completed the NPTEL course "EV: Vehicle Dynamics and Electric Motor Drives" and earned Elite certification.
14. Mr. Akhil A. Balakrishnan Successfully completed the NPTEL course "Problem Solving Through Programming in C" with Elite + Silver certification and secured a position among the Top 5% of learners in the course.
15. Mr. Kapildas K. S. Attended the 6-Day Online Faculty Development Programme titled "Leveraging AI and IoT for Green Energy Innovations and Sustainable Infrastructure" conducted from 11-16 May 2026.

## STUDENT ACHIEVEMENTS

1. Mr. Abhishek Sankar T (S6 EEE) and Team emerged as the First Runner-Up at the Karthavya competition.



2. Six students from the sixth-semester Electrical and Electronics Engineering (S6 EEE) batch successfully secured certifications in the NPTEL course on Soft Skill Development. Among them, Lins A T, Ans Renny P, and Joel Baiju achieved Elite certification, while Benjo Benny, Aryananda E B, and Alphin Dominic successfully completed the program, enhancing their professional and interpersonal competencies.
3. Salin P S, a sixth-semester Electrical and Electronics Engineering (S6 EEE) student, has successfully completed the NPTEL certification course on Industrial Automation and Control.
4. Adith Anandan P, a second-semester Electrical and Electronics Engineering (S2 EEE) student, has successfully completed the NPTEL certification course on Problem Solving Through Programming in C.

## INTERNSHIP / INDUSTRIAL VISIT

1. A group of 43 S6 EEE (2023 Admission) students, along with two faculty members and two parents, completed an industrial visit to Goa on February 7, 2026. The team visited CSIR-National Institute of Oceanography (NIO) to study marine vehicle control systems and Kineco Global Rail to observe electrical subsystem integration in railway coaches.
2. A group of 26 S8 EEE students (2022 Admission), accompanied by faculty coordinators Mr. Akhil A. Balakrishnan and Ms. Aswathy Rajan, completed an industrial visit to Ahmedabad on February 21, 2026. The team visited ARB Buildcon Pvt. Ltd. to study building power distribution and central power controller units, and AmulFed Dairy to observe advanced automation and industrial monitoring systems.

- A group of 26 S8 EEE students (2022 Admission), accompanied by faculty coordinators Mr. Akhil A. Balakrishnan and Ms. Aswathy Rajan, completed an industrial visit to Ahmedabad on February 21, 2026. The team visited ARB Buildcon Pvt. Ltd. to study building power distribution and central power controller units, and AmulFed Dairy to observe advanced automation and industrial monitoring systems.

## YUKTHI 2025 PROJECT EXCELLENCE AWARD

### DEPARTMENTAL PROJECT EXCELLENCE AWARD - FIRST, SECOND & THIRD



## PLACEMENT

EEE students secured multiple offers across key engineering sectors. TVS Sundram Fasteners Ltd. led with 17 placements (Akshay Krishna V, Albin Jojo, Jefin Joju, Jeswin Joseph, Abin Joy, Anakh Mohandas, Karthick S, Krishna Kishore PP, Livin P V, Rahul H, Ron Leo Tony, Adarsh Anil, Amal Sebin Raj, Godwin P J, Gokul Krishna P, Nevin Jose, and Rajath K), followed closely by INDO-MIM Limited with 14 placements (Amal Sebin Raj, Anusree T, Ebin Thomas, Karthick S, Nevin Jose, Philip Mark, Ron Leo Tony, Salvin Biju, Samuel K Anto, Sreeram M, Abhinav K, Adarsh Anil, Godwin P J, and Rajath K). Medha Servo Drives Pvt. Ltd. recruited 6 students (Abin Joy, Anakh Mohandas, Krishna Kishore PP, Livin P V, Rahul H, and Gokul Krishna P), while Axis Global Automation (Godwin P J, Gokul Krishna P, and Rajath K) and Proficient Automation & Controls (Amal Sebin Raj, Nevin Jose, and Abhinav K) each took 3 students. Amphenol FCI completed the drive with 2 placements (Abhinav K and Adarsh Anil).

# UNIVERSITY TOPPERS

The Department of Electrical and Electronics Engineering, Jyothi Engineering College (Autonomous) congratulates the semester toppers of S1 (2025–2029 batch), S2 (2025–2029 batch), S3 (2024–2028 batch), S5 (2023–2027 batch), and S7 (2022–2024 batch) for their outstanding academic performance. Their achievements highlight consistent effort, academic excellence, and bring pride to the department.

**CONGRATULATIONS**  
Toppers of S1  
Department of Electrical and Electronics Engineering  
(2025-29 Batch)



**ANASWARA P.**  
SGPA : 8.84

**LIKHITHA J. KUNMATH**  
SGPA : 8.68

**M. ANAGHA**  
SGPA : 8.68

**FARHA SHERIN C. T.**  
SGPA : 8.63

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*Congratulations*  
**TOPPERS S2**  
2025-2029 Batch  
Department of Electrical & Electronics Engineering



**M. ANAGHA**


**ANASWARA P.**

**FARHA SHERIN C. T.**

**SONUSHA S.**

**FATHIMA HAMNA A. A.**

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*Congratulations*  
**S3 KTU Examination Toppers**  
Department of Electrical and Electronics Engineering  
2024-2028 Batch



**NIRANJANA A. V.**  
SGPA - 9.39

**MADHAV KRISHNA P.**  
SGPA - 8.67


**HIBA PARVEEN T. M.**  
SGPA - 8.46

**ARCHANA N.**  
SGPA - 8.26

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*Congratulations*  
**S5 KTU Examination Toppers**  
Department of Electrical and Electronics Engineering  
2023-2027 Batch




**SALIN P. S.**

**ANS RENNY**

**SADRISYA M. K.**

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**57 UNIVERSITY EXAM TOPPERS**  
**ELECTRICAL AND ELECTRONICS ENGINEERING**  
2022-26 BATCH

