

JULY, DECEMBER 2024

# DEPARTMENT NEWSLETTER

DEPARTMENT OF  
ELECTRICAL AND ELECTRONICS  
ENGINEERING

JYOTHI ENGINEERING COLLEGE



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

**Mission:** - To inculcate ethical professionalism through value-based quality education 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  | Programme Specific Outcomes  |
|---|--|
| <p>1) Graduates shall have a good foundation in the fundamental and practical aspects of Mathematics and Engineering Sciences to build successful and enriching careers in the field of Electrical Engineering and allied areas.</p> <p>2) Graduates shall learn and adapt themselves to the latest technological developments in the field of Electrical &amp; Electronics Engineering which will, in turn, motivate them to excel in their domains and shall pursue higher education and research.</p> <p>3) Graduates shall have professional ethics and good communication ability along with entrepreneurial skills and leadership skills so that they can succeed in multidisciplinary fields</p> | <p>Graduates possess</p> <p>1) Ability to have a good foundation in theoretical and practical aspects of Electrical &amp; Electronics Engineering.</p> <p>2) Ability to model, analyze, design and realize physical systems, components or processes thereby adapting themselves to the latest research and developments in the field of Electrical &amp; Electronics Engineering.</p> <p>3) Ability to communicate and work professionally as well as take up entrepreneurial endeavors in the field of Electrical Engineering and allied areas for the benefit of the society.</p> |

# FACULTY ACHIEVEMENTS



- ★ Dr. Jarin T, Published a paper 'Energy Management of Renewable Energy Connected Electric Vehicles Charging Using Internet of Things: Hybrid MRA-SDRN Approach', in the Elsevier journal 'Energy' on September 2024.

*Dr. Jarin T / Associate Professor*



- ★ Mr. Navin Sam, Assistant Professor, EEE Dept. Acted as resource person for the Webinar "Design of Electric Vehicle using Matlab Simulink" IEEE IA/IE/PELS Jt. Chapter Kerala in Collaboration with IEEE IAS SBC JECC, IEEE IAS SBC Sahrdaya and IEEE PELS SBC GECT on 25th September 2024

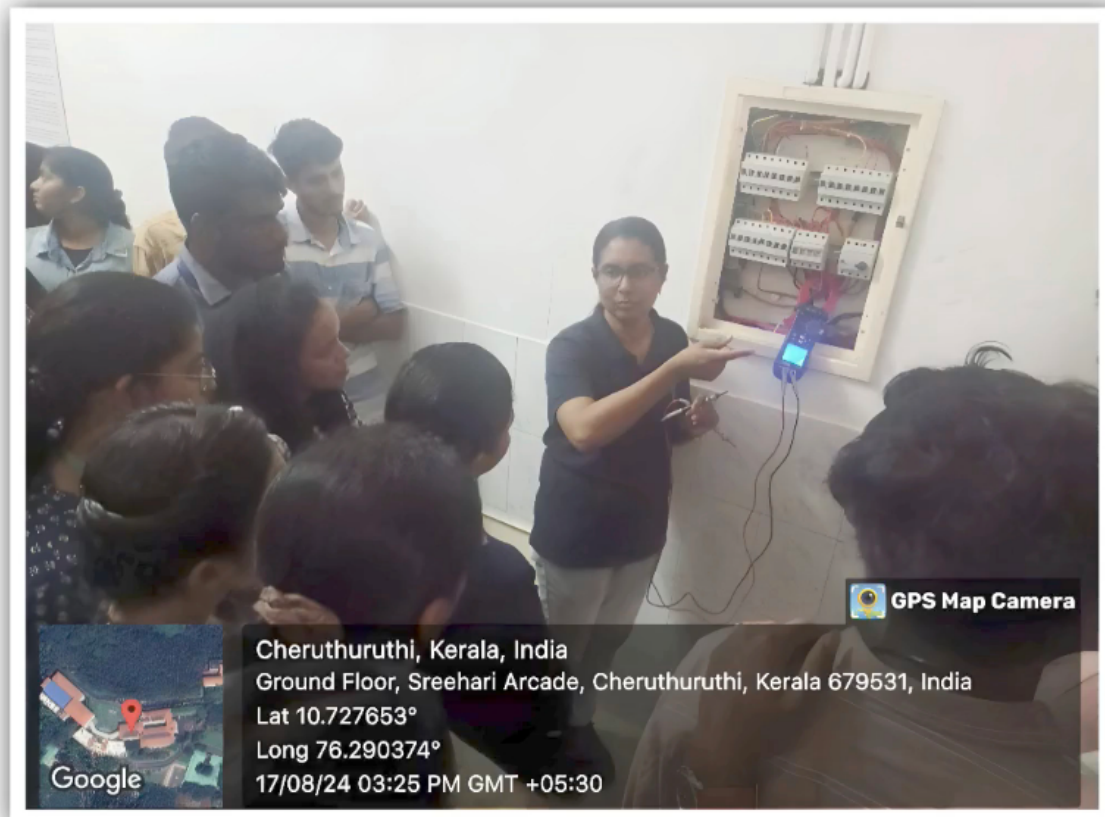
*Mr. Navin Sam / Assistant Professor*



- ★ The IEEE Power & Energy Society (PES) Student Branch Chapter of Jyothi Engineering College has been selected as one of the top chapters in the world. It was awarded \$1000 in recognition of its exceptional performance last year, coordinated by IEEE Coordinator Mr. Jithin K Jose (Assistant Professor, EEE Department) along with the entire IEEE PES SBC team.
- ★ Mr. Jithin K Jose was invited as a guest speaker to conduct a session on the topic "Networking Recharge: Building Connections in the EV Industry," organized by IEEE IAS SBC AJCE and IEEE SB AJCE.

*Mr. Jithin K Jose / Assistant Professor*

## PROGRAMMES CONDUCTED BY EEE DEPT.



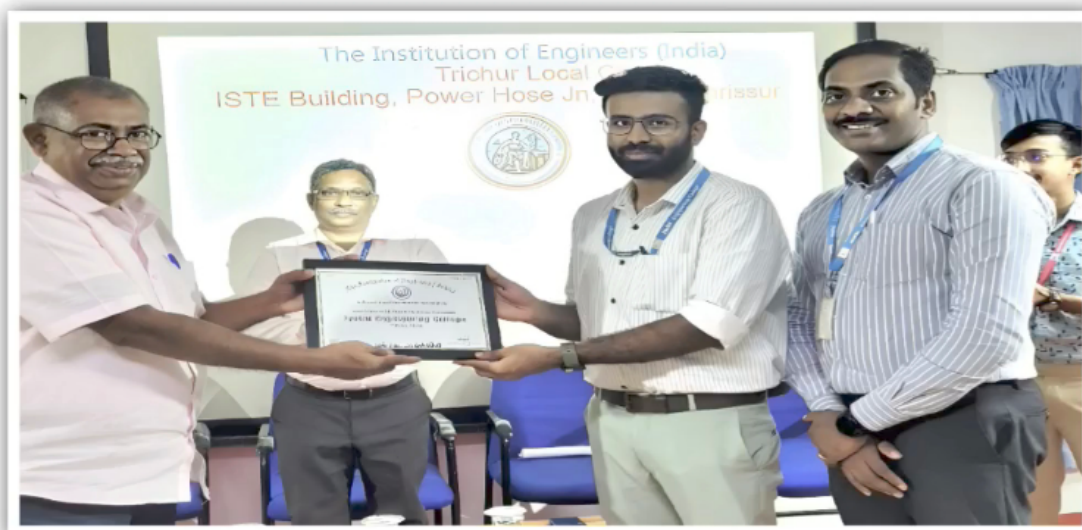
- ★ The Department of Electrical & Electronics Engineering, in collaboration with the SEEM Student Chapter of Jyothi Engineering College, organized a workshop titled "An Overview of Building Energy Audits" on 17th August 2024.
- The workshop was conducted by Ms. Della David, a BEE-certified Energy Auditor from Athul Energy Consultants Pvt. Ltd.
- The workshop was attended by students from S7 EEE and S3 EEE, who gained practical knowledge on energy conservation and building audits



## PROGRAMMES CONDUCTED BY EEE DEPT.



- ★ The Department of Electrical & Electronics Engineering, in collaboration with the ISTE student chapter organized a hands-on workshop "LED Fabrication" on 24 August 2024.  
The workshop was led by Mr. Livin P.V ,S5 EEE student an expert in the field



- ★ IEI Student Chapter Inauguration  
it was held on 9th September 2024.  
Chapter was inaugurated by Mr.Thomas John V, Chairman IEI Local Centre, Thrissur.  
He delivered a talk on the topic "IEI Student Chapter -Scope and its Opportunities.

## PROGRAMMES CONDUCTED BY EEE DEPT.



- ★ *EV Saksham - Electric Vehicle Design and Development Workshop conducted at Jyothi Engineering College in association with Capabl. A four day workshop from 4th to 7th October 2024. It was intended to give hands on experience to design and develop Electric vehicles. Mr. Baggio and Mr. Reigen from Capabl. led the sessions. Unveiling and flag off ceremony was inaugurated by Mr. V. T. Balram, ex MLA on 8th October 2024. All the students were given the chance to ride the vehicles constructed by themselves*



## STUDENTS ACHIVEMENTS



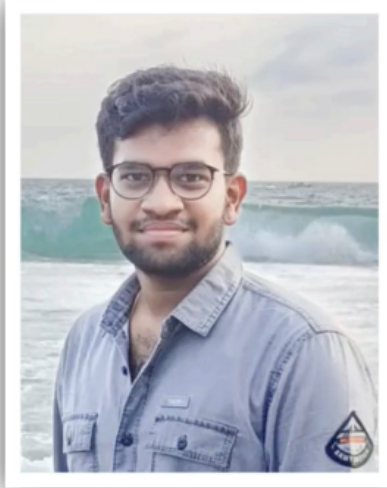
- ★ S7 EEE students attended ELEKTROTEC 2024 Electrical & Industrial Electronics Trade Fair Expo on Renergy & E-Vehicles on 12/8/24.

# UNIVERSITY TOPPERS

## ★ S2 TOPPER



SALIN PS



SURYA NARAYANAN KS



SADRISYA M K

## ★ S4 TOPPERS



ABHINAV K



GODWIN P J



ADARSH ANIL

# UNIVERSITY TOPPERS

## ★ S6 TOPPERS



NIKHIL SHIJU



JEEVAN THOMAS JOSE

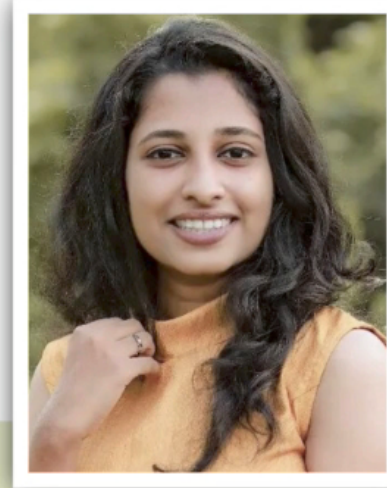


ANEENA V F

## ★ S8 TOPPERS



ALBA MARIYA JOSHY



LEENU JOSE



SREYA K