

## DEPARTMENT VISION

Evolve as a Centre of Excellence in Electrical and Electronics Engineering to mold technically competent, socially responsible, and sustainability-focused professionals of global standing.

## DEPARTMENT MISSION

- To impart quality technical education in Electrical and Electronics Engineering through expert skill faculty, robust infrastructure, and enhancement programs.
- Establish an industry supportive ecosystem to effectively address the evolving needs of the industry.
- Encourage graduates to tackle challenges through innovation, sustainable practices, and community engagement, upholding strong ethical values

## HOD'S MESSAGE

As the Head of the Department, I am proud of the progress and achievements our team has made this quarter. Our faculty and students continue to excel in research, academics, and community engagement. The collaborative spirit within our department fosters innovation and mutual support. We are committed to providing more opportunities for growth and development for all our members. Together, we will continue to uphold our high standards of education and research, making a meaningful impact in our field.



**Dr. V Vijikala**  
Head of the Department

## PROGRAM EDUCATIONAL OBJECTIVE

PEO1:

To utilize broad knowledge of Electrical and Electronics Engineering as a foundation to design, develop, and implement innovative solutions for real- world challenges.

PEO2:

To equip with the skills to adapt to the technological advancements by engaging in lifelong learning and collaboration with industry and academia.

PEO3:

To evolve as socially responsible engineers with a strong ethical Commitment towards environmental sustainability

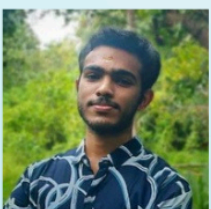
## ADVISOR'S MESSAGE



**Ms. Maria Rose K J**  
Assistant Professor,  
Dept of EEE

As a member of the department's staff, I am proud to be part of the incredible work we are doing together. The energy and enthusiasm in our department are truly contagious, and it's inspiring to see how everyone—students, faculty, and staff—collaborates to create an environment of growth and learning. This newsletter serves as a reflection of our collective efforts, showcasing the programs, events, and achievements we've accomplished. I look forward to continuing to support and contribute to the success of our department in the coming months. Let's keep up the great work and continue to make a positive impact in everything we do.

## ASSOCIATION SECRETARY'S MESSAGE

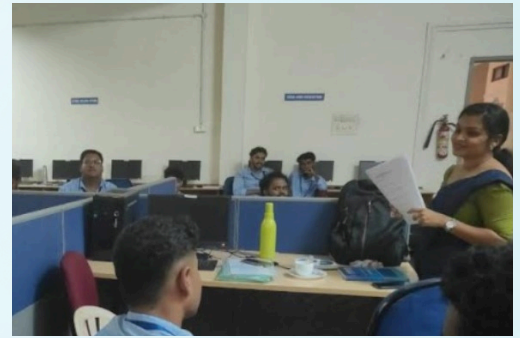


**Manu K B**  
AESON Secretary  
Third Year

With great pride and enthusiasm, I welcome you to the pages of our departmental magazine. As Association Secretary, I am inspired by the creativity and dedication reflected in the contributions featured here. Nikola Tesla's words, "The present is theirs, the future, for which I really worked, is mine," resonate as we face the challenges and opportunities ahead in our field. This magazine is a testament to our shared commitment to innovation and excellence in electrical and electronics engineering. Let us continue to push the boundaries of knowledge and work toward a future where our collective efforts make a lasting impact. Thank you for your unwavering dedication to the success of our department.

# TECHNICAL ASSOCIATION REPORT

- Department of EEE conducted Five days hands on training session on Autocad with MEP Electrical S7 EEE students from 23/07/2024(Monday) to 27/07/2024(Saturday) from 9:00am- 4:20 pm. The session was handled by Ms Keerthi MS & Ms Muhsina Faisal ,Faculty CAD Center Kodungallur.



- Department of EEE in association with IEEE Control systems Society conducted a one day hands on training session on MATLAB for the selected students of SCET,Kodakara on 31/08/2024(Saturday) from 9:00am-4:20 pm. The session was handled by Mr Jomon Jose, Mr Muhammed Ans, Mr Austin Mathew, Students of S7EEE ,SCET.

- Department of EEE in collaboration with Hykon India Ltd,IIC & IEEE Control System Society conducted a technical talk on “Introduction to Design of Electric Vehicles as per AIS for S7 EEE Students on 07/11/2024. The session was handled by Mr Ajith M, Senior Engineer R & D ,Hykon India Ltd.



- Department of EEE & ECE together hosted an exclusive Workshop cum Internship drive on “VEGA Boards for IOT applications” on 16/10/2024 for selected students from EEE & ECE 2021-25 Batch. The session was handled by Mr Libin TT ,Associate Director ,CDAC

- Department of EEE in association with IEEE Control System Society conducted a technical talk on “National Power Grid of India” for the students of EEE Department on 17/12/2024(Tuesday) from 10 am-12:00 pm. The session was handled by Mr Reji John, Rtd DGM TELK Angamaly.



- Department of EEE in association with IEEE Control System Society conducted a session on “Opportunities after GATE in Electrical Engineering” for S5EEE Students on 09/08/2024. The session was handled by Mr Sathhesan & Mr Anith T A, Director ONES academy.



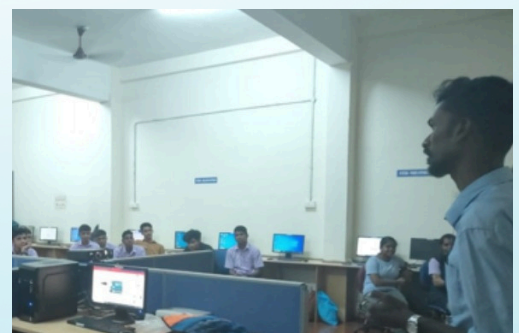
- Department of EEE in association with IEEE Control System Society conducted an Alumni interaction for S5EEE students on 9/10/2024. The session was handled by Mr Jeo C Auguin, Director – Excel Earthings.

- Second year Electrical & Electronics Engineering students at Sahrdaya College of Engineering and Technology visited Pallivasal Power House ,Chithirapuram on 31/08/2024.



- Third year Electrical & Electronics Engineering students at Sahrdaya College of Engineering and Technology visited Lower Periyar Power Station,Idukki on 31/08/2024.

- Department of EEE in association with IEEE Control Systems Society conducted one day workshop on Soldering Practise & Arduino Basics for S1EEE students on 15/10/2024 from 9 am-4 : 20 pm. The session was Handled by Mr Jomon Jose & Mr Muhammed Ans, Students of S7EEE ,SCET



# UNIVERSITY RESULTS

## SEMESTER 4



**HARISHANKAR K R**  
7.95



**ALWIN SHAJU**  
7.82

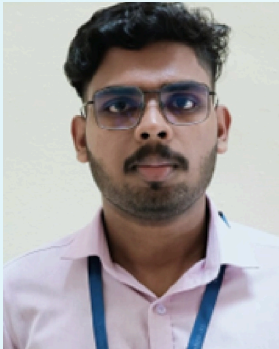


**ALEX K JOSEPH**  
8.52



**JOMON JOSE**  
8.04

## SEMESTER 8



**SHINE SHAJI**  
8.26



**DIXON JOY**  
8.26



**MARIA THOMAS**  
8.24

## STUDENT ACHIEVEMENTS IN SPORTS

Team consisting of Godwin Jose, Orville George, Adwaith Krishna T U, Sreyas K B, Sompho pansa has won first prize in the Ezone-Basket ball tournament under APJAKTU

COMPETITION: EZONE BASKETBALL

DATES: 15,16 OCTOBER 2024

POSITION : 1ST PRICE

STUDENTS PARTICIPATED :

- GODWIN JOSE
- ORVILLE GEORGE
- ADWAITH KRISHNA T U
- SREYAS K.B
- SOMPHO PANSA



ഇ സോൺ ബാസ്കറ്റ്ബാൾ ചാമ്പ്യൻഷിപ്പിൽ പുരുഷവിഭാഗത്തിൽ ജേതാക്കളായ സഹൃദയ എൻജിനീയറിംഗ് കോളേജ് ടീം

### സഹൃദയ എൻജിനീയറിംഗ് കോളേജ് ജേതാക്കൾ

കോടകര : സഹൃദയ എൻജിനീയറിംഗ് കോളേജിൽ നടന്ന എ.പി.ജെ അബ്ദുൾ കലാം ട്രൈ ക്നോളജി യൂണിവേഴ്സിറ്റിയുടെ ഇ സോൺ ബാസ്കറ്റ്ബാൾ ചാമ്പ്യൻഷിപ്പിൽ പുരുഷവിഭാഗത്തിൽ സഹൃദയ എൻജിനീയറിംഗ് കോളേജ് ജേതാക്കളായി. മൂന്ന് ജില്ലകളിൽ നിന്നുള്ള കോളേജുകളെ പരാജയപ്പെടുത്തിയാണ് സഹൃദയ കോളേജ്

വിജയം സ്വന്തമാക്കിയത്. പാലക്കാട് എൻ.എസ്.എസ് എൻജിനീയറിംഗ് കോളേജാണ് രണ്ടാം സ്ഥാനം. പെൺകുട്ടികളുടെ ബാസ്കറ്റ്ബാൾ ടൂർണമെന്റിൽ പാലക്കാട് എൻ.എസ്.എസ് എൻജിനീയറിംഗ് കോളേജ് ഒന്നാം സ്ഥാനവും, ചെറുതുരുത്തി ജ്യോതി എൻജിനീയറിംഗ് കോളേജ് രണ്ടാം സ്ഥാനവും കരസ്ഥമാക്കി.

# PLACEMENTS



**ABDULLAH P A**  
POWER ELECTRICALS  
TRAINEE ENGINEER



**DIXON JOY**  
HYKON INDIA PVT LTD  
SERVICE ENGINEER



**ALEX BENNY**  
HYKON INDIA PVT LTD  
SERVICE ENGINEER



**SIVAPRASAD K J**  
HYKON INDIA PVT LTD  
SERVICE ENGINEER



**VAISHNAV V KUMAR**  
HYKON INDIA PVT LTD  
SERVICE ENGINEER



**VIBIN KRISHNA**  
HYKON INDIA PVT LTD  
SERVICE ENGINEER



**JESTO JOSE**  
WEGAUGE PIPELINE INSPECTIONS  
& SERVICES  
FIELD TECHNICIAN



**JOVEENA JOSE**  
CAMEX TECHNOLOGIES



**SHINE SHAJI**  
SOPANAM ENERGY AESTHETICS  
ENGINEER TRAINEE



**MARIYA THOMAS**  
SUTHERLAND



**CHRIS JOSEPH**  
SUTHERLAND



**HARIKRISHNAN**  
JIO SOLAR SATHI



**JESLIN JOSHY**  
AERO LABS



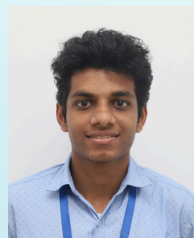
**VAISHNAV V KUMAR**  
EDDY CURRENT

# INTERNSHIPS

- Mr. Muhammad Ans (S8 EEE) got selected for internship at Hykon india pvt Ltd for 6 months with a monthly stipend of ₹10,000/-
- Mr. Abith K B, Mr. Antony P James, Mr. Felix Sony and Mr. Jomon Jose (S8 EEE) got an internship at Waves Electronics pvt ltd with a monthly stipend of ₹8,000/- for 6 months.
- Mr. Benit Joseph Jojo and Mr. Edwin T S got an internship at Kerala Electricals and Allied Engineering Ltd., Kochi for 6 months.



**MUHAMMAD ANS**



**ABITH K B**



**ANTONY P JAMES**



**FELIX SONY**



**JOMON JOSE**



**BENIT JOSEPH JOJO**



**EDWIN**

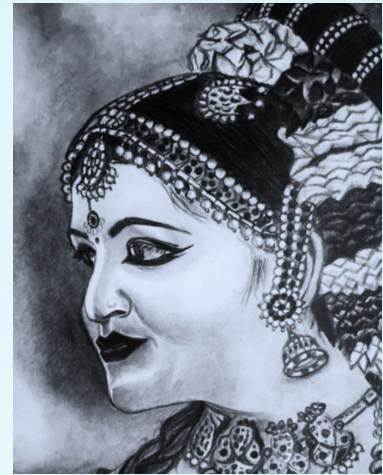
# STUDENT CONTRIBUTIONS



**SHAN SHAJI**  
S3 EEE  
GLASS ART



**ALEN BIJU**  
S5 EEE  
WATERCOLOR PAINTING



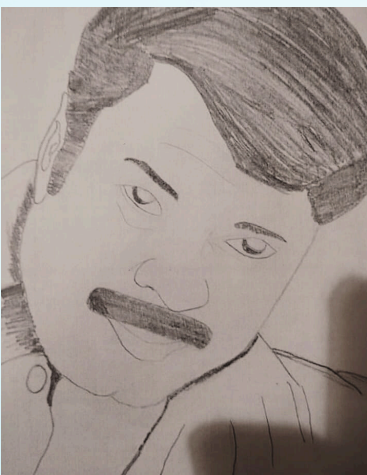
**ADHARSH C S**  
S5 EEE  
PENCIL DRAWING



**ALEN BIJU**  
S5 EEE  
ACRYLIC PAINTING



**REJO JOSHY**  
S5 EEE  
WATERCOLOR PAINTING



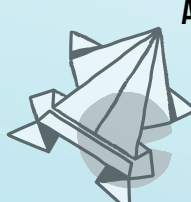
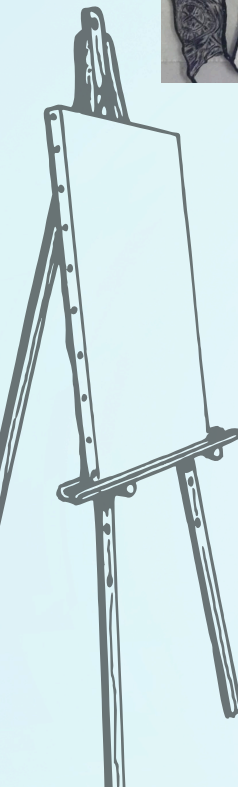
**AHAMED RIZWAN KATTAKATH**  
S3 EEE  
PENCIL DRAWING



**ADHARSH C S**  
S5 EEE  
PENCIL DRAWING



**SHAN SHAJI**  
S3 EEE  
WATERCOLOR PAINTING



## **WORKSHOPS & TRAININGS ATTENDED BY FACULTIES**

- Ms. Drisya K Sasi, Assistant Professor, Department of EEE, attended 3 day FDP on “How Teachers can Make a Difference” organised by IIT Madras during 06-08 November 2024.
- Mr Adarsh S R, Assistant Professor ,EEE has successfully completed NPTEL course on Smart Grid: Basics to Advanced Technologies with certification
- Dr. Vishnu Gopan K., Assistant Professor, Department of EEE, attended 3 day FDP on “Virtual Labs” organised by IIT Madras during 22nd - 24th October 2024, organized by PALS VLAB-2024- 25, initiative with NITK Surathkal.
- Ms. Maria Rose K J,Assistant Professor ,EEE has successfully completed Wadhvani training program conducted during the period 17/7/2024-23/8/2024
- Mr.Sreekanth S,Assistant Professor ,EEE has successfully completed Wadhvani training program conducted during the period 17/7/2024-23/8/2024
- Mr. Sebin Davis K Assistant Professor, Department of EEE, has participated in National level-6 day hybrid faculty development program on “Applied research in electric vehicle technology and renewable energy integration” organised by Department of Electrical & Electronics Engineering, Adi Shankara Institute of Engineering and Technology, Kalady, Kerala. from 1st July to 6th July,2024.
- Mr. Sebin Davis K Assistant Professor, Department of EEE, has participated in the Five-Day International Online FDP "Smart Sensor Systems: IoT-Based Sensor Design, Development and Applications in Electrical Engineering", organized by the Department of Electrical and Electronics Engineering, held from 18/11/2024 to 22/11/24.
- Dr. V Vijikala, Associate Professor ,Department of EEE has participated in one week international faculty development program on Cutting Edge Technologies in Computer Science from 23/9/2024 to 29/9/2024

## **FACULTY ACHIEVEMENTS**

- Mr ADARSH SR, Assistant Professor ,EEE has successfully completed NPTEL course on “ Smart Grid: Basics to Advanced Technologies” with certification.
- Mr ADARSH SR, Assistant Professor ,EEE has successfully achieved mentor certificate for the NPTEL course on “ Moral Thinking An Introduction to Values & Ethics”.
- Dr. Vishnu Gopan K., Assistant Professor ,EEE has successfully achieved mentor certificate for the NPTEL course on “ Moral Thinking An Introduction to Values & Ethics”.
- Dr. V Vijikala, Associate Professor ,EEE has successfully completed NPTEL course on “ Big data computing” with certification.
- Mr. Sebin Davis K Assistant Professor, Department of EEE, has delivered an online session Idea Engine dated 12.8.2024 on the theme ‘Renewables, energy conservation, e-mobility and carbon sequestration.

# STUDENT ACHIEVEMENTS

● Mr. Indradhanush PD, student of Third semester, EEE Secured 1st Prize in the Power Quiz arranged by KSEBOA (Kerala State Electricity Board Officers' Association) in September 2024.



● Prashob Francis(S5) has won first prize in the arm wrestling championship conducted by Kerala State Youth Welfare Board



● Manu K B and Sreehari Siju of fifth semester ,EEE has been selected for 3 day residential student workshop program at IIT Madras



# EDITORIAL BOARD

## CORE COMMITTEE



**MS. MARIA ROSE K J**  
ASSISTANT PROFESSOR  
EEE DEPARTMENT



**MANU K.B**  
AESON SECRETARY  
EEE 2022-26

## CONTENT AND DESIGN



**NIKHIL S PANICKER**  
EEE 2023-27



**ALEN BIJU**  
EEE 2022-26