



# VISWAJYOTHI

COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE New Delhi & Affiliated to APJ Abdul Kalam Technological University

**NEWS  
LETTER**

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# विद्युत्

## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### INSTITUTE VISION

"Moulding Professionals par Excellence with Integrity Fairness and Human Values".

### INSTITUTE MISSION

1. We commit to develop the institution as a Center of Excellence of International Standards
2. We guide our students in the attainment of intellectual and professional competence for successfully coping with the rapid advancements in technologies and the ever changing world of business, industry and services
3. We help each and every student in their personal growth into mature and responsible individuals
4. We strive to cultivate a sense of social and civic responsibility in our students, thus empowering them to serve humanity.
5. We promise to ensure a free environment where quest for the truth is encouraged

### VISION OF THE DEPARTMENT

"Mould globally competent Electrical and Electronics Engineers."

### MISSION OF THE DEPARTMENT

1. To provide the best academic ambiance.
2. To develop technical and soft skills to cope up with the emerging global scenario.
3. To enhance knowledge by industry and alumni interaction.

### ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering, is established in the year 2004 with well-equipped state of art laboratories. The Department has a fine blend of renowned as well as young and dynamic personalities as faculty members, who have been motivating the students for getting the best out of them. The department offers under graduate program in electrical and electronics engineering with an intake of 90 students. The department focuses on overall development of the students by encouraging them to take part in student's association activities, internships and industrial training. The department secured Five University Ranks since its inception, and the 1st Rank of 2013-'17 batch adds a jewel to its crown. The academic strength of the faculty is reflected by the alumni, many of whom are in top echelons of industry and academia both in India and abroad. The students of the department play leading roles in all the activities of the college



## PRINCIPAL'S MESSAGE

My heartiest congratulations to the department of Electrical and Electronics Engineering, in bringing out a newsletter portraying the academic and non-academic activities of the department. In the era of 'Outcome Based Education', empowering the students is the thrust area to be addressed in a professional Institution and I am happy to know that EEE department is moving towards that goal. I extend best wishes to the faculty teams and students of the department in all their upcoming endeavors.

**Dr. K.K.Rajan**

## HOD'S MESSAGE

The triumph of EEE department in the fall semester makes it exceptionally outstanding. The department always focuses on the enrichment of EEE community, moulding the young engineers to be victorious in various fields of engineering. I wish the newsletter "VIDYUTH" all success for showcasing the initiatives and achievements by students and faculty members.



**Dr. Sony Kurian**

## LIST OF FACULTY PUBLICATIONS

- Mr. Jomu M George published a paper "Smart Hybrid Bike" in T&F Journal.
- Dr. Sony Kurian published a paper "Rodent Activity for Motion Detection and Analysis" in T&F Journal.

## STUDENT ACHIEVEMENTS IN EVENTS HELD IN/OUTSIDE THE COLLEGE.

- Mr. Basil Eldhose, Mr. Ashwin Abraham, Mr. Ayappadas K.S and Ms. Dona Mary Rigy of S8 EEE got the best project award sponsored by the Alumni for the project "Smart Hybrid Bike"
- Mr. Eldhose Baiju of S4 EEE has participated in one-day workshop on 3D Printing organized by Innovation and Entrepreneurship Development Centre, VJCET.
- Mr. Albin Vincent of S4 EEE has participated in two-day workshop on Practical Approach of Robotics Implementation in Tinkercad software conducted by Alphasys 3D Printing Solutions.
- Ms. Devalakshmi R of S4 EEE has attended a Quiz Program on "Robotics" by Alphasys 3D Printing Solutions.
- Mr. Vivek Jayakumar of S4 EEE has participated in two-day workshop on Practical Approach of Robotics Implementation in Tinkercad software conducted by Alphasys 3D Printing Solutions
- Mr. Abhijith Babu of S4 EEE has done internship on "Zero to Hero on Robotics". by Alphasys 3D Printing Solutions.
- Ms. Merin Chacko of S4 EEE has completed "Module Based Online Orientation Course" by NSS.
- Mr. Edwin Vincent of S4 EEE successfully completed AI for Everyone: Master the Basics offered by IBM.
- Mr. Albin Jose of S6 EEE has completed a course in Introduction to Cloud Identity by Coursera.
- Ms. Jyothika George of S6 EEE has completed a course in Programming for Everybody (Getting started with Python)' by

University of Michigan.

- Ms. Janet Johnson of S6 EEE has completed a course in Astro 101: Black Holes by University of Alberta.
- Mr. Sachin Saji of S6 EEE has completed a course in 'Introduction to Virtual Reality' by University of London

## ANY OTHER DEPARTMENT EVENTS / INFORMATION.

### Seminar

- A talk was conducted on the topic "Electrical supervisor license training and job opportunities for MEP" by Er. Akhilesh Kumar CEO, MTTC on 4th April 2022 for S7 EEE students.



- A technical talk on "Growth in electrical sector in India and innovations in cable Manufacturing Technology" was conducted for the students of EEE by Mr. K. Shanmugaih Head Operations, Traco Cables on 12th April 2022.



- ⇒ A technical talk on Introduction to Smart Grid was conducted by Dr. Sony Kurian for the students of S5 EEE on 15th February 2022
- ⇒ An alumni talk on “Entrepreneurship Skill Attitude and Behaviour Deveopment” was conducted for the students of EEE Department by Er. Manu Jhon James, CEO, EM Power on 28th January 2022.

### National Conference

- ⇒ A national conference was conducted on the topic “Advancements of Electrical Engineering in interdisciplinary areas” on 24th June 2022. Mr. Jikku Philip, GE Health Care inaugurated the session.



### Vidyuth

- ⇒ Vidyuth, EEE Department association was inaugurated by Ms. Betty Sara George, Vice President Network Management and Learning Services, Ericsson, USA on 3rd February 2022. She also delivered a technical talk on “Driving the Future”.



### Substation Visit

- ⇒ To get practical knowledge on power transmission and distribution a visit was conducted to the substation for the final year students.



### PROJECT EXHIBITION

To provide the opportunity to the students to showcase their creative ideas the department conducted a project presentation and exhibition for the final year students. Mr. Basil Eldhose, Mr. Ashwin Abraham, Mr. Ayappadas K.S and Ms. Dona Mary Rigy got the best project award for the project “Smart Hybrid Bike”.



### BEST PERFORMANCE AWARD

The students of S8 EEE got the best performance award in Maker Village-KSUM IEDC hosted by Kerala Startup Mission for the project Smart Hybrid Bike.



### DETAILS OF INDUSTRIAL VISITS BY THE STUDENTS.

- ⇒ S8 EEE students visited KEL, Edarikode as a part of their industrial visit.
- ⇒ Students of S4 EEE visited United Electrical Industries Ltd., Pallimukku. as a part of their industrial visit
- ⇒ Students of S6 EEE visited Diamond Engineering Works, Thamaraserry as a part of their industrial visit
- ⇒ Students of S6 EEE visited Kaynes Technology India Ltd, Mysore as a part of their industrial visit
- ⇒ Students of S8 EEE visited KELTRON, Kuttipuram as a part of their industrial visit



## CURRENT PLACEMENT STATISTICS OF 2018-2022

### B.TECH BATCH

Sl.No.	Name	Company
1	ABIN BABY	Experion
2	AKASH PRAKASH	Aspire
3	AYYAPPADAS K S	sutherland
4	GREESHMASURENDRAN	TCS
5	JESWIN LEO SABU	Sutherland,
6	JORDY JOHN	Sutherland
7	MANAS TITTO	UST
8	MERIN KURIAKOSE	sutherland, 6D Technologies
9	MUHAMMED IRISH	Sutherland
10	NOYAL SEBASTIAN	TCS
11	ROBIN ROY	capgemini
12	SACHIN DENNY	Sutherland
13	SHAHINSHA MA	TCS
14	SONU SAM	Sutherland
15	SREERAJ R MOHAN	UST
16	YADUKRISHNAN J	Quest Global,UST

### UNIVERSITY EXAM RESULT

Batch	Class	No. of Students Appeared	Pass Percentage
2018-22	S7	28	53.57
2019-23	S5	29	58.62
2020-24	S3	23	47.83
2021-25	S1	20	50

### Class Toppers

#### S1

Aswathy M -9.53

A.S. Anasia-8.53

Albin N Tomy -8.26

#### S3

Sibin Savio- 9.09

Merin Chacko-8.64

Devalakshmi R-8.45

#### S5

Dimal Michael – 9.2

Shana P.B.-8.52

Gayathri L Kumar – 8.33

#### S7

Shahinsha M A- 8.36

Akash Prakash-8.11

Dona Mary Rigy – 7.98

Faculty Editor : Ms. Mereya Baby, Assistant Professor