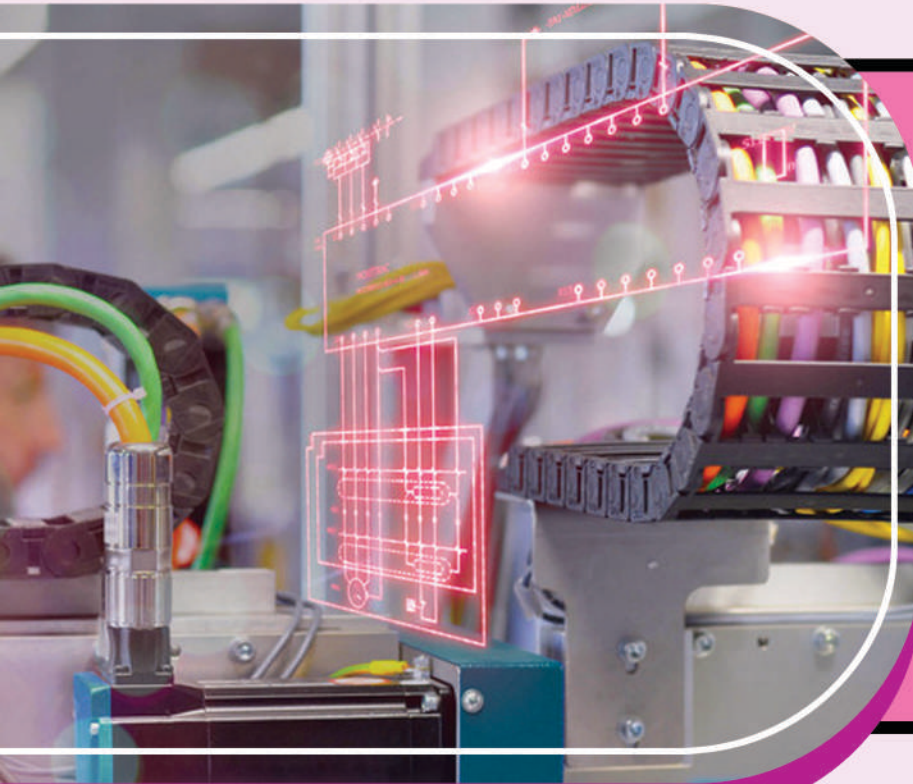




VISWAJYOTHI

COLLEGE OF ENGINEERING & TECHNOLOGY

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



NEWS LETTER

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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 ambience.
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 60 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



I am very happy that our Electrical & Electronics Engineering department is releasing "Vidyuth" as a forerunner of department activities. It is a technical platform to bring out the hidden talents of our students and faculty. The major strength of the department is a team of well qualified and dedicated faculties who are continuously supporting the students for their academic excellence. As the demand of energy is raising day by day & hence the production has to increase. Now the time has come for all electrical engineers to come forward, join their hands for saving of electricity, using the renewable energy resources such as solar, biomass, wind for the fulfilment of demand of energy with this slogan "SAVE ENERGY, SAVE WORLD". I wish best of luck for all the team members for publication of newsletter.

Dr. K.K.Rajan

HOD'S MESSAGE

It is with immense pride and enthusiasm that I address you in this edition of the Electrical and Electronics Engineering Department's newsletter. The dedication and hard work of our students and faculty members have consistently propelled us to new heights. Our commitment to academic excellence is unwavering. We will continue to provide the highest quality education, equipping our students with the knowledge and skills needed to excel in a rapidly evolving field. In the coming year, we will also focus on promoting interdisciplinary collaboration, enabling our students to combine their electrical and electronics engineering expertise with other fields, such as computer science, artificial intelligence, and environmental sustainability. These practical experiences not only enrich our education but also contribute to society by solving complex problems and driving technological advancements.

I also want to express my gratitude to all the faculty and students who have been instrumental in the department's success. In the spirit of collaboration and progress, I encourage each one of you to actively participate in departmental activities. Together, we can harness the potential of electrical and electronics engineering to shape a brighter future for our world.

Dr. Sony Kurian



TECHNICAL VISITS/SEMINARS/SHORT TERM TRAINING PROGRAMMES

- An add on course for 2019-2023 B-Tech Electrical and Electronics Engineering Graduates on "Electrical Engineering Practices in Industry" was inaugurated on 6th February 2023 by Msgr.Dr.Pious Malekandathil, Manager ,VJCET. The 30 hour industry linked course will give an exposure about the engineering practices in industry.



- The course handout for the add-on course was also released on this occasion.



- Goa Electric Co in Kundaim, Goa has a wide range of product includes Transformer, Transformer Part, Transformer Repair & Services etc. Also Copper works and bus bars for the power & electric industries are also done here. Our students visited Goa Electric. Co on 31st May 2023 as a part of their industrial experience



- The students of S8 EEE 2019-2023 batch, went for a 3-day Industrial Visit from 3rd May 2023 to 7th May 2023. They visited industries named Tech Gray Logix, Mangalore and Prabhu Energy Systems Pvt., Mangalore.



STUDENT ACHIEVEMENTS IN EVENTS HELD IN/ OUTSIDE THE COLLEGE

- Nakul B attended a session on career after electrical engineering held on March 6th 2023 by Arcite.
- Nevin Paul Saju attended a session on career after electrical engineering held on March 6th 2023 by Arcite.
- Maria Benny completed a course in Introduction to Internet of Things (NPTEL) conducted by IIT Kharagpur.
- Maria Benny completed a course in Computer Networks and Internet Protocol (NPTEL) conducted by IIT Kharagpur
- Sachin Saji completed a course in Introduction to Internet of Things (NPTEL) conducted by IIT Kharagpur.
- Sachin Saji completed a course in Computer Networks and Internet Protocol (NPTEL) conducted by IIT Kharagpur
- Dimal Michael completed a course in Computer Networks and Internet Protocol (NPTEL) conducted by IIT Kharagpur
- Dimal Michael completed a course in Introduction to Database Systems (NPTEL) conducted by IIT Madras.
- Aswani Chandran completed a course Introduction to Mechanical Micro Machining (NPTEL) conducted by IIT Kharagpur
- Aswani Chandran completed a course Introduction to Machining and Machining Fluids (NPTEL) conducted by IIT Tirupathi
- Seethal Manoj completed a course in Computer Networks and Internet Protocol (NPTEL) conducted by IIT Kharagpur
- Seethal Manoj completed a course in Introduction to Internet of Things (NPTEL) conducted by IIT Kharagpur.
- Sayana Fathima completed a course in Computer Networks and Internet Protocol (NPTEL) conducted by IIT Kharagpur
- Sayana Fathima completed a course in Introduction to Internet of Things (NPTEL) conducted by IIT Kharagpur

- Shana P.B completed a course in Computer Networks and Internet Protocol (NPTEL) conducted by IIT Kharagpur
- Shana P.B completed a course in Introduction to Internet of Things (NPTEL) conducted by IIT Kharagpur
- Abhijith M.A participated in IEEE CCET STUDENT PAPER CONTEST 2023 conducted on 28th April 2023 at CCET Alappuzha.
- Anju V participated in IEEE CCET STUDENT PAPER CONTEST 2023 conducted on 28th April 2023 at CCET Alappuzha.
- Aswani Chandran participated in IEEE CCET STUDENT PAPER CONTEST 2023 conducted on 28th April 2023 at CCET Alappuzha.
- Syamkrishna J participated in IEEE CCET STUDENT PAPER CONTEST 2023 conducted on 28th April 2023 at CCET Alappuzha.

INVITED TALKS / GUEST LECTUTERS

- A technical talk on “Motor Control Center in Industries” was conducted on 2nd May 2023 by Er. Aneesh Kurian for eighth semester Electrical& Electronics Engineering students.



- A seminar on Career Guidance in Electrical Engineering was conducted on 17th February 2023 by Er.Akhilesh Kumar, Senior MEP Engineer, MTTIC International LLC.



TRAINING PROGRAMMES ORGANIZED OUTSIDE AND ATTENDED BY THE DEPARTMENT FACULTY

- Dr. Sony Kurian attended APJ Abdul Kalam Technological University sponsored faculty development programme on “Data Analytics for Decision Making” conducted by the Department of Mechanical Engineering, Viswajyothi College of Engineering and Technology from 27th February 2023 to 3rd March 2023.
- Ms. Cini.K. attended faculty development programme on “Fundamentals, Advancements and Applications of Robotics” conducted by the Department of Mechanical Engineering, Vignan Institute of Technology and Science from 12th September 2023 to 16th September 2023.
- Ms. Smitha Jacob attended National level faculty development programme on “Inculcating Universal Human Values in Technical Education” conducted by the All India Council for Technical Education

(AICTE) from 29th May to 2nd June 2023.

- Ms. Cini.K. attended APJ Abdul Kalam Technological University sponsored faculty development programme on “Data Analytics for Decision Making” conducted by the Department of Mechanical Engineering, Viswajyothi College of Engineering and Technology from 27th February 2023 to 3rd March 2023.
- Ms. Smitha Jacob attended APJ Abdul Kalam Technological University sponsored faculty development programme on “Advances in Communication Engineering” conducted by the Department of Electronics & Communication Engineering, Viswajyothi College of Engineering and Technology from 6th March 2023 to 10th March 2023.
- Ms. Mereya Baby attended APJ Abdul Kalam Technological University sponsored faculty development programme on “Advances in Communication Engineering” conducted by the Department of Electronics & Communication Engineering, Viswajyothi College of Engineering and Technology from 6th March 2023 to 10th March

ANY OTHER DEPARTMENT EVENTS / INFORMATION

- The Valedictory function of add on course for 2019-2023 B-Tech Electrical and Electronics Engineering graduates on “Electrical Engineering Practices in Industry” was conducted on July 2023 by Rev. Fr. Paul Nedumpurath Director, VJCE. The course was conducted from 11/10/22 to 23/2/23 with 29 students. The course included industrial visits to Kudankulam Nuclear Power Project and 110kV substation. As a part of add on course in electrical and electrical engineering, the eighth semester students of Electrical and Electronics Engineering Department of Viswajyothi College of Engineering and Technology also visited and studied about the 50 kWp solar power plant with in the campus on 10/4/2023.



- An evaluation test was conducted for the students after the completion of course and certificates were distributed. Mr.Dimal Micheal secured a cash prize of thousand rupees as the best performer award.



- The department conducted Bodhi'23 with various technical events on 28th – 29th March, 2023. The motive of this event is to develop coordination skills of students and to expose them to the current trends in the technical and professional fields.
- Bodhi'23 department events were:
 - Project Exhibition
 - Kurushetra - Best Engineer
 - Colloquium - Paper Presentation
 - Pele On Wheels - Robo Soccer
 - El Dorado - Technical Treasure Hunt
- The project exhibition was coordinated by faculty coordinator Ms. Mereya Baby and student coordinators Emmanuel Pious and Sachin Saji of S8 EEE. Dr. Shunmugesh K, H.O.D, Mechanical Engineering and Ms. Niji Mathews, Assistant Professor, Electronics and Communication Engineering marked their presence as jury.
- Kurushetra - Best Engineer was organised on 28th March 2023 under the coordination of Ms. Smitha Jacob and student coordinators Sahir Ibrahim, Edwin Vincent and Athul Satheesh of S6 EEE. 14 teams with total 28 participants took part in the contest. The event was conducted at electrical digital lab and workshop at 11:00 am.
- Colloquium - Paper Presentation was organised on 28th March 2023 coordinated by Aswani Chandran and Jyothika George of S8 EEE under Ms. Cini K. Total 7 teams took part in the contest conducted at Programming Lab. Dr. Cyriac M Odackal, Asso. Professor, ECE Dept. and Dr. Arun Raphel, Asst. Prof., ME Dept. were the judges.
- Pele On Wheels - Robo Soccer was organised on 29th March 2023 coordinated by Abhijith V Sajeev, Ashley Siji and Austine Prakash of S6 EEE under Mr. Babu T Chacko. Total 6 external teams took part in the contest conducted at Main Auditorium.

CURRENT PLACEMENT STATISTICS OF 2019-23BATCH

Sl.No.	Student	Company
1.	Alan K Binoy	Sutherland
2.	Amutha Raaj	Sutherland
3	Anju. V	Sutherland
4	Gayathri L Kumar	Sutherland
5	Geo Wilson	Sutherland
6	Mariya Benny	Sutherland
7	Meera R	Sutherland
8	Aswani Chandran	Federal Bank, Sutherland
9	Janet Johnson	TCS
10	Jyothika George	TCS
11	Sayana Fathima	TCS
12	SeethalManoj Mohan	TCS

UNIVERSITY EXAM RESULT

Batch	Class	No. of Students Appeared	Pass Percentage
2019-2023	S7	29	79.31
2020- 2024	S5	23	47.83
2021-2025	S3	18	72.22
2022-2026	S1	34	11.76