

विद्युत्



VISWAJYOTHI

COLLEGE OF ENGINEERING & TECHNOLOGY

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

DEPARTMENT OF

ELECTRICAL & ELECTRONICS ENGINEERING

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 –accredited by National Board of Accreditation, 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 had 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

INSTITUTE VISION

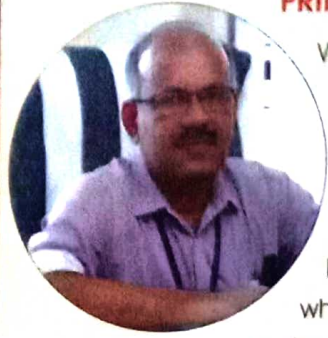
"Moulding Engineers par Excellence with Integrity Fairness and Human Values".

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



PRINCIPAL'S MESSAGE



Warm greetings to everyone

At the commencement of yet another academic year, the department of EEE is bringing up its newsletter-Vidhyuth.

Learning is never ending process, where new realms of knowledge and technology are revealed. To cater this department organizes a wide range of activities to its faculty members and the student community. The national seminar on Advancements in Power systems Technologies and a One day seminar on the use of Electricity-safety and Energy Efficiency for the housewives of Avoly grama panchayath by the final year students won much appreciation from the various venues of academia. There were various other activities coordinated by the department which would aid to achieve the holistic development of its students. I congratulate the department for the successful implementation of various activities and wish a very good success in its future endeavours.

Dr. Josephkunju Paul C.

LIST OF FACULTY PUBLICATIONS

K.K. Rajan, B. Aruna, presented "Sodium, the Coolant for Fast Breeder Reactors" On Centenary International Conference (CICASH-2019) at St. Thomas' College Thrissur 21&22, March, 2019.

K.K Rajan, B.Aruna, S. Anju presented "Development of Level Sensor for Lead – Lithium Loop System" on IEEE Conference ICECCT 2019 on 22.02.2019 at SVS College of Engg., Coimbatore

K.K Rajan, B.Aruna, presented "Review on Flow Measurement in Sodium Cooled Fast Reactor Circuits" on IEEE Conference ICECCT 2019 on 22.02.2019 at SVS College of Engg., Colmbatore

UNIVERSITY EXAM RESULT

Batch	Class	No. of Students Appeared	Pass Percentage
2015-'19	S7	80	50
2016-'20	S5	67	38.8
2017-'21	S3	64	32.81
2018-'22	S1	27	40.74

HOD'S MESSAGE



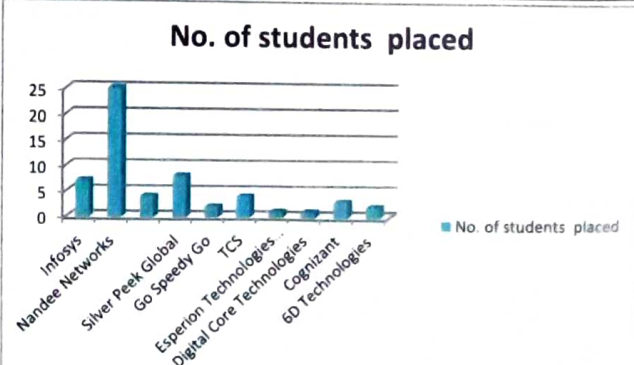
It is my pride and satisfaction that our Department is releasing volume 11, issue 2 of "VIDYUTH" News Letter, Department of EEE. This is indeed a forerunner of Department activities to harness the skills to address the areas of improvement in the Department. VIDYUTH is a technical platform which provides opportunity to bring out the hidden talents of students and faculty. The major strength of the department is a team of well qualified and dedicated faculty members who are continuously supporting the students for their academic excellence. This year, our placement record is very impressive, with the large number of students being placed in various reputed companies. As part of the academic plan, the Department is making arrangements to conduct National conference, FDP, Guest lectures, Seminars, Industrial visit and In plant training for student's development.

My best wishes for the newsletter "VIDYUTH" to excel in the academic as well as research endeavours.

Prof. B. Aruna

PLACEMENT STATISTICS

Sl. No	Company	No. of students placed
1	Infosys	7
2	Nandee Networks	25
3	Sutherland Global services	4
4	Silver Peek Global	8
5	Go Speedy Go	2
6	TCS	4
7	Esperion Technologies Pvt.Ltd.	1
8	Digital Core Technologies	1
9	Cognizant	3
10	6D Technologies	2



DETAILS OF INDUSTRIAL VISITS BY THE STUDENTS.

S8 EEE A&B visited Pezhakkappilly substation as a part of their industrial visit.



S8 EEE B Visited Kerala state coir machine manufacturing company, Alapuzha as a part of Industrial visit.



TECHNICAL VISITS/ SEMINARS/ SHORT TERM TRAINING PROGRAMMES

- **Mrs. Smitha Jacob and Mrs. Jis Jose**, Assistant professors coordinated 2 day National Seminar on 'Advancements in Power System Technologies' on 5th and 6th April 2019.
- **Ms. Breeza Paulose and Ms. Seena Paul**, Assistant professors, coordinated Intercollegiate Quiz Competition-VIVEKA 2K18 on 25th April 2019.
- **Mr. Sharone Varghese and Mr. Jomu M George**, Assistant professors, coordinated IoT challenge by National level hands on workshop, preliminary selection for the IoT challenge 2019 at IIT Bombay.
- The faculty members attended 2 day National Seminar on 'Advancements in Power System Technologies' on 5th and 6th April 2019.
- **Dr. B. Aruna & Dr. K.K. Rajan** attended one day FDP organised by SEEM & IEEE at Rajagiri college of Engineering on 06.02.2019
- The department in association with KSEB Ltd. and IEEE-PES organized state level paper presentation competition.

Students of 2018-22 batch **Akash Prakash, Shrine Sabu, Basil Eldhos, Manas Titto** Participated in IOT Challenge 2019 and won outstanding performance award organised by IIT Bombay on march 17th 2019



Akash Prakash



Basil Eldhose



Shrine Sabu



Manas Titto



K. S. Aishwariya

of 2014-18 batch joined in University of South Australia, Course: Master of Engineering (Electrical Power)



Anu Domini

joined Masters Program in Applied electrical motion and control management, at Conestoga college



Shrine sabu & Basil Eldhose of 2018-22 won First prize in Student.Hack held at MA College Kothamangalam



Ayyappadhas & Abin Baby got second prize for REWIRED at MA college kothamangalam

The project titled "self reconfigurable modular robots" by Justin P shaji, M.J Krishna priya ,Mariya Varghese and Albert Baby is selected as the best project from EEE department in the academic year 2018-19.

INVITED TALKS / GUEST LECTUTERS.

- > Talk on "Power system analysis "by Mr. Mohan George , Asst. Engineer, KSEB for S6 EEE students. On 5th February 2019.
- > Talk on "Energy conservation and renewable energy" by K P Kesavan Nair IGCAR, for S7 EEE students on 13th March 2019.
- > Talk on "Introduction to MEP" by Mr.Akhilesh Kumar C for S7 EEE students on 23rd February 2019.

DEPARTMENT EVENTS / INFORMATION.

- > **Ms. Reshma Sajeev** of 2014-18 batch secured SEVENTH RANK in M.G University examination.
- > **Mr. Ananthakrisna C S** of 2015-19 Batch was awarded the Rev. Fr. Joseph Puthenkulam Memorial Endowment 2018-19 from EEE Department.
- > APJ Abdul kalam Kerala Technological University sanctioned an amount of 2 lakh as a grant for conducting faculty development program on Advancements in Drives

Instrumentation and Control .

- > Bureau of Research in Nuclear Science (BRNS) has approved a sponsorship amount of Rs.50000 for the conduct of national conference on Power, Instrumentation Control and Computing Technologies scheduled on 7th to 9th August 2019.
- > The Department of Electrical and Electronics engineering coordinated IoT challenge by National level hands on workshop, preliminary selection for the IoT challenge 2019 at IIT Bombay.
- > **Mr. Babu T Chacko** is selected as IEEE senior member

TRAINING PROGRAMMES ORGANIZED OUTSIDE AND ATTENDED BY THE DEPARTMENT FACULTY

- > **Mr.Jomu M George** successfully completed and received a passing grade in PH125.7X: DataScience:Linear Regression a course of study offered by HarvardX,an online learning initiative of Harvard University on 13 December 2018.
- > **Mr.Jomu M George** successfully completed and received a passing grade in PH125.8X: DataScience:Machine Learning a course of study offered by HarvardX,an online learning initiative of Harvard University on 21 April 2019.

FAREWELL



2015-19 EEE A Batch



2015-19 EEE B Batch