



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 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 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

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 team and students of the department in all their upcoming endeavors.

Dr. K.K.Rajan

HOD'S MESSAGE



Nurturing creativity and inspiring innovation are two of the key elements of a successful education, and the newsletter is the perfect amalgamation of both. It harnesses the creative energies of the academic community and distills the essence of their imagination in the most brilliant way possible. Hence, I am very much delighted to know that our department newsletter "VIDHYUT" is ready for publication. Our tremendous asset is our highly successful alumni and friends. We will revitalise our relationship with them and encourage them to be a part of the department. Their knowledge, expertise and experience will contribute to the intellectual power of the department.

I take this opportunity to congratulate the department for bringing out this newsletter. May all our students soar high in uncharted skies and bring glory to the department, institute and to the world and their profession with the wings of education.

Dr. Sony Kurian

LIST OF FACULTY PUBLICATIONS

- Ms. Cini K. presented a paper "Hybrid Solar-Powered UAV for the Forest Fire Detection and Monitoring" in International Conference on Circuits, Control and Energy - 2021 (ICCCE- '21) Christ College of Engineering, Irinjalakuda, 13th to 15th July 2021.
- Ms. Smitha Jacob presented a Paper "Cost Effective AC Conductive Charging system for Electric Vehicle" National Conference on Power, Control and Communication Technologies Organized by Department of Electrical and Electronics Engineering, VJCET from July 30-31 2021.
- Mr. Babu T Chacko presented a Paper "3D Sensor Based moving human tracking robot with obstacle avoidance " National Conference on Power, Control and Communication Technologies Organized by Department of Electrical and Electronics Engineering, VJCET from July 30-31 2021.
- Ms. Jane Maria S presented paper 'Arduino based low-cost active dual axis solar tracker' National Conference on Power, Control and Communication Technologies Organized by Department of Electrical and Electronics Engineering, VJCET from July 30-31 2021.
- Ms. Jis Jose presented a Paper "Smart crop protection using arduino" National Conference on Power, Control and Communication Technologies Organized by Department of Electrical and Electronics Engineering, VJCET from July 30-31 2021.

TECHNICAL VISITS / SEMINARS / SHORT TERM TRAINING PROGRAMMES

- Dr. Sony Kurian coordinated webinar on "Online Hands on Training

Program on IEEE Xplore in association with NDLI.

- Ms. Smitha Jacob and Ms. Jis Jose coordinated webinar on Nano Technology- Introduction, Scope and Opportunities by Dr. Dawnee S. Associate Professor, Ramaiah Institute of Technology, Bangalore on 24th September 2021.
- Ms. Cini K attended AICTE - ATAL FDP on "Nature Inspired Optimization Techniques" organized by the Department of Electrical & Electronics Engineering, NIT, Delhi from 19.07.2021 to 23.07.2021
- Ms. Mereya Baby attended KTU Sponsored 5 days FDP on "Power Electronics for Electric Vehicles-Control and Challenges" from 6th July 2021 to 10th July 2021 Organized by Department of Electrical and Electronics Engineering Adi Shankara Institute of Engineering and Technology.
- Mr. Sharone Varghese attended KTU Sponsored 5 days (Online) FDP on Power Converters - An Embedded System Approach from 22nd to 28th July, 2021 organized by the dept. of Electrical and Electronics Engineering, Federal Institute of Science and Technology (FISAT), Angamaly.
- Mr. Sharone Varghese has successfully completed a course in "Introduction to Data Science in Python" by University of Michigan

STUDENT ACHIEVEMENTS IN EVENTS HELD IN/OUTSIDE THE COLLEGE.

- Mr. Sonu Sam of S7 EEE is selected to KTU university football team.
- Mr. Shrine Sabu of S7 EEE got Third Prize in Idea Fest 2021 organized by IEDC, VJCET.

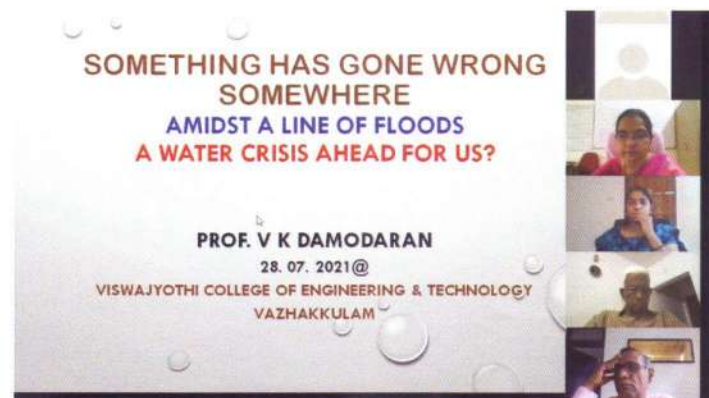
- Mr. Ashiq P A, Albin N Tomy, Ms. Jitha and Mariya Sabu of S1 EEE has done internship on "Zero to Hero on Robotics".
- Mr. Ashiq P A of S1 EEE has attended a Quiz Program on Zero to "Hero on Robotics".
- Ashish Benny has done a workshop on 'Practical Approach of Robotics Implementation in Tinkercad Software'.
- Mr. Basil Skaria of S3 EEE has participated in FIT INDIA Freedom Run 2.0 organised by Nehru Yuva Kendra in association with Indian Red Cross Society, Ernakulam.
- Mr. Eldhose Baiju of S3 EEE has participated in one-day workshop on 3D Printing organized by Innovation and Entrepreneurship Development centre, VJCET.
- Mr. Albin Vincent of S3 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 S3 EEE has attended a Quiz Program on "Robotics" by Alphasys 3D Printing Solutions.
- Mr. Vivek Jayakumar of S3 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 S3 EEE has done internship on "Zero to Hero on Robotics". by Alphasys 3D Printing Solutions.
- Ms. Merin Chacko of S3 EEE has completed "Module Based Online Orientation Course" by NSS.
- Mr. Edwin Vincent of S3 EEE successfully completed AI for Everyone: Master the Basics offered by IBM.
- Mr. Albin Jose of S5 EEE has completed a course in Introduction to Cloud Identity by Coursera.
- Ms. Jyothika George of S5 EEE has completed a course in Programming for Everybody (Getting started with Python)' by University of Michigan.
- Ms. Janet Johnson of S5 EEE has completed a course in Astro 101: Black Holes by University of Alberta.
- Mr. Sachin Saji of S5 EEE has completed a course in 'Introduction to Virtual Reality' by University of London
- Dona Mary Riggy of S7 EEE has completed a workshop on "Hybrid Electric Vehicles: An overview of Technology".
- Manas Titto of S7 EEE has attended a workshop on "Hybrid Electric Vehicles: An overview of Technology".
- Ms. Greeshma Surendran has attended a webinar on "Online Hands on Training Programme on IEEE Xplore Digital Library".

ANY OTHER DEPARTMENT EVENTS / INFORMATION.

World Nature Conservation Day

To increase awareness about the best practices to conserve our natural resources and encourage sustainability to the students and staff members

the Department organized an online seminar on the topic "Something has Ahead Gone Wrong Somewhere: Amidst a Line of Floods, a Water Crisis Ahead for Us?" by Professor V K Damodaran, Director Team Sustain and Chairman, CED, FACES, NGGFN on 20th July 2021.



National Conference

The Department conducted a 2-day national conference on "Recent Trends in Power, Control and Communication Technologies" on 30th to 31st July 2021. The conference was Inaugurated by Shri. A.M Narayanan, IES, Energy Professional, and Former Director, state Electricity Regulatory Commission. An expert talk on "Power Sector Transformation-opportunities" were also conducted.

Seminar

A Talk on "Ethics and Human Values" was given for the first year students by Fr. Mathew Mulagancherryil, Provincial counsellor and superior Assissi Aasram, Pala.



Webinar

Webinar on "Nano Technology- Introduction, Scope and Opportunities" by Dr. Dawnee S. Associate Professor, Ramaiah Institute of Technology, Bangalore on 24th September 2021 was conducted for final year students.

UNIVERSITY EXAM RESULT

Batch	Class	No. of Students Appeared	Pass Percentage
2018-22	S6	28	42.85
2019-23	S3	29	44.82
2020-24	S1	23	60.87

CURRENT PLACEMENT STATISTICS OF 2017-2021 B.TECH BATCH

The students of the department are placed in various companies.

Sl.No.	Student	Company
1	Abin Baby	Experion Technologies
2	Akash Prakash	Aspire Syatems
3	Manas Titto	UST Global
4	Sreeraj R Mohan	UST Global
5	Abhijith Babu	UST Global
6	Yadukrishnan J	UST Global, Quest
7	Greeshma Surendran	TCS
8	Noyal Sebastian	TCS
9	Shahinsha M A	TCS
10	Merin Kuriakose	6d Technologies

CLASS TOPPERS - S1



Sabin Savio
CGPA 10



Vivek Jayakumar
CGPA 10



Austine Prakash
CGPA 9.65

CLASS TOPPERS - S3



Dimal Michael
CGPA 9.55



Shana P.B
CGPA 9.45



Gayathri L Kumar
CGPA 9.36



Mariya Benny
CGPA 9.36

CLASS TOPPERS - S6



Shahinsha M A
CGPA 8.98



Akash Prakash
CGPA 8.91



Dona Mary Rigy
CGPA 8.8