



### **Vision of the Institute**

The vision of the college is to become a technical university of international standards through continuous improvement.

### **Mission of the Institute**

Kumaraguru College of Technology [KCT] is committed to providing quality education and training in engineering and technology to prepare the students for life and equipping them to contribute to the technological, economic, and social development of India. The college pursues excellence in providing training to develop a sense of professional responsibility and social and cultural awareness and set students on the path to leadership.

### **Vision of the Department**

The Department of Electronics And Instrumentation Engineering (E&I) envisions a holistic education that transforms the learners into responsible engineers which shall enable them to identify significant problems both in Industry and Society to arrive at creative and sustainable solution through collaborative team works

### **Mission of the Department**

The Department of Electronics And Instrumentation Engineering aims to Implement modern andragogical approach in academics, innovative research initiatives and collaborative projects that shall ethically address the societal needs. Develop knowledge and skills required to excel in manufacturing, automation, automation and allied industries on a global platform. Expand the knowledge for higher studies and get inspired for lifelong learning

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## HOD'S MESSAGE

The Department of Electronics & Instrumentation Engineering, established in 2006, is a specialized branch of Electrical and Electronics Engineering, focusing on the principles and operation of field instruments, SCADA systems, DCS, PLCs, and advanced process control systems. The department boasts state-of-the-art facilities, including the Siemens PLC Automation Laboratory, Advanced Process Control Lab, Computerized Sensors Lab, and the KCT Embedded Edge AI Laboratory. These labs are pivotal in the design, development, and configuration of automated systems. Our engineers are trained to work in industries with automated processes, such as chemical and manufacturing plants, where they focus on enhancing system productivity, reliability, safety, optimization, and stability. In a short span, we have built a comprehensive infrastructure, aligning with curriculum requirements and offering specialized equipment and software that empower students to undertake real-time projects. Our students have successfully secured placements in leading industries, including Yokogawa, Bosch, Data Patterns, TVS, Tesolve, Saipem, and ECON, among others. Furthermore, many of our alumni have excelled in competitive exams like the CAT and GATE, gaining admission to prestigious higher education institutions. A number of our graduates are currently pursuing advanced studies in renowned universities across the US, UK, Germany, and Australia, further cementing the global reach and academic excellence of the department.



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# EVENTS

## TEACHERS DAY :

This Teachers' Day, our department celebrated in the most heartfelt way possible by bringing smiles, laughter, and a few sweet surprises to the people who guide us every day.



We started off with a fun word-guessing game, but with a twist. Teachers had to guess department related words from clues, and if they got it right, they got to topple a tower made of glasses which turned out to be just as satisfying to watch as it was to play!

We passed around chocolates and treats, small gestures to say a big thank you. One of the highlights was a game of musical ball pass when the music stopped, the teacher with the ball had to share something nice about a colleague, along with a short backstory. What started off lighthearted quickly turned into a touching exchange of appreciation, full of laughter and a few unexpected stories.

We also surprised our teachers with a video compilation of messages from our alumni, who shared fond memories and heartfelt messages about the faculty. Watching them speak about how much our teachers meant to them even years later was a beautiful reminder of the impact they have far beyond the classroom.

And of course, no celebration is complete without cake! We wrapped up the event with a cake cutting ceremony, surrounded by cheerful faces and lots of gratitude.



It wasn't just about organizing an event it was about giving something back to the ones who give us so much, every single day.

## FOUNDATION DAY:

Kumaraguru College of Technology marked its 41st Foundation Day with grandeur and gratitude

The EIE department takes pride in two of our faculty members who were felicitated for their outstanding contributions!

🏆 Dr. Jeya Daisy I – Tech Integration Award

Asst. Professor II

Recognized for seamlessly blending technology into teaching.

From digital labs to real-time applications, her efforts redefine modern educationer innovations .



🌟 Mr. Ranganathan S – Impactful Teacher Award

Asst. Professor II

Honoured for his dedication to student success and mentorship.

With clarity and compassion, he makes learning engaging and effective.

A true role model for aspiring professionals.



We salute their passion, innovation, and impact on young minds.

The EIE department continues its journey of academic excellence and inspiration!

## ADMIRABLE STUDENT AWARD:

Celebrating Excellence: The Admirable Student Award ✨

On the occasion of National Students Day and in honor of Dr. A.P.J. Abdul Kalam's birthday, the Department Association of EIE, in collaboration with IEI, organized the Admirable Student Award Function.

This initiative is aimed at recognizing and celebrating students who demonstrate academic brilliance and passion.

💎 Star of the Day – Mushitha 💎

Mushitha, with a stellar CGPA of 9.6, was honored for her consistent academic excellence.

As a committed PBL student, she brought pride to the department through multiple achievements.

She represented KCT at Robocon, Delhi with Team QBotix, clinched the MGS award for three consecutive years, and led the innovative, low-cost Vuoy Project.

Her summer internship at NIT Trichy focused on “human gait pattern generation using deep learning,” a remarkable blend of tech and healthcare.

Her journey truly reflects the quote:

“Work hard in silence; let your success be the noise.”

Let's cheer for Mushitha and future achievers like her! 🌍💡



## INVESTITURE CERMONY:

Department of Electronics and Instrumentation Engineering

The Department of EIE conducted its Investiture Ceremony to induct the newly elected student office bearers.

Chief Guest Mr. Balaji Rangothaman, CEO of Albatroz Solutions, delivered an inspiring talk on leadership and innovation.

He encouraged students to embrace adaptability, collaboration, and initiative in their roles

The following members were formally introduced:

Thirumalaivasan K N – President

Vaishnavi S – Secretary

Sri Vidhya K – Treasurer

Amirthavarshini B A – Career Progression Coordinator

Jayasree P – RID Coordinator

Kishore Kumar K – Joint Secretary

Nithya Sri C R – Joint Treasurer

Ishwarya M – Media and Documentation

Vasantharobhan J – Sports Coordinator

Executive Members

Janet Benita W

Kunghuma Harini G

Miruthula M

Mohana Priya A V

Saad Ahmed S

Sowparnika S

The ceremony concluded with a vote of thanks, setting the stage for a productive year ahead.





## TECHVISION 2024:

The Department of Electronics and Instrumentation Engineering conducted its annual Project Expo – TechVision 2024, providing a platform for students to exhibit their innovative technical projects and creative ideas. The event aimed to encourage practical application of classroom knowledge and to inspire students to develop real-world engineering solutions.

The event was graced by the presence of Mr. Rohit Prajapati, Technical Director at DigiToad Technologies, who served as the Chief Guest. In his address, Mr. Rohit shared valuable insights

### Key Highlights:

Students from various years showcased their mini-projects and major projects.

Projects included applications in automation, embedded systems, sensor technology, smart monitoring systems, and energy-efficient solutions.

The expo provided an opportunity for students to receive constructive feedback and suggestions from faculty and industry experts.

### Acknowledgements:

We extend our sincere thanks to:

Mr. Rohit Prajapati for being a part of the event and inspiring the students.

All participants who worked passionately to present their projects.

The faculty coordinators and student volunteers who helped organize the event.

The judging panel, who evaluated the projects and shared their expert opinions.

TechVision 2024 was not just a display of talent, but a celebration of creativity, teamwork, and problem-solving. The event concluded on a positive note, with encouragement to continue exploring and innovating in the field of electronics and instrumentation.

We look forward to a bigger and better edition of TechVision in the coming years.

