



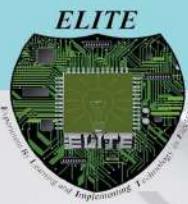
KODAVA EDUCATION SOCIETY®

# COORG INSTITUTE OF TECHNOLOGY

(Approved by the AICTE & Affiliated to Visvesvaraya Technology University, Belgavi)

PONNAMPET - 571216, Kodagu, Karnataka.

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## Department of Electronics & Communication Engineering



### VISION

Develop high quality Electronics and Communication Engineering Professionals with global competence.



### MISSION

- To create a conducive avenue to learn strong fundamentals in the field of Electronics & Communication Engineering.
- To train the students to meet the global challenges by inculcating a quest for modern technologies in the emerging areas.
- To develop an innovation center in the field of Electronics & Communication Engineering with industrial and university collaborations.
- To develop Entrepreneurial skills among the students to create new employment opportunities.

### ABOUT THE DEPARTMENT:

"Electronics and communication has made the world smaller, smarter and faster connecting the world together". The Electronics & Communication Engineering Department was established in the year 1999. The Department is committed to serve the needs of the society by imparting state-of-the-art engineering education and provide knowledge and develop attitudes, skills and values leading to the establishment of quality conscious and sustainable research oriented education. We nurture echnocrats in various fields with the insight to the concept and application in real world.

The Department has consistently maintained an excellent academic record and along with the academics, promotes students with a platform for their overall personality development through Departmental association ELITE started in 2009. The association provides a platform to encourage innovative and critical thinking to promote involvement, co-ordination and to develop leadership qualities among the students. The association also appreciates and encourages the students to excel in academics by rewarding the outstanding performers

### **MESSAGE FROM PRESIDENT**



Greetings and Congratulations to all the stake holders of ELITE on the News letter 2025 . I appreciate the efforts of this group to improve and enrich the academic performance of the students. All of you are well aware of the highly competitive world and constantly evolving changes in the engineering field. It is only through constant involvement , practical knowledge, up gradation and keeping up to date with the interdisciplinary activities that will help one to be a better engineer and employable.

*Wish you all the very best in future endeavors.*

**Dr. Kariappa M. C.**

Hon. President,  
Kodava Education Society

### **MESSAGE FROM SECRETARY**



At the very onset, I would like to congratulate the Department of ECE on the creation of the Departmental Newsletter. This newsletter gives you an insight into the buzzing and exciting activities of the department. The student spotlights, events, technical talk and departmental initiatives shows the efforts to capture the essence of the department's achievements and milestones.

The active faculties and students form the fulcrum of the department. May all your expertise and excellence help bloom ace technocrats in the field of Electronic Communication & Engineering.

*Best Wishes and Regards*

**Mr. C P Rakesh Poovaiah,**

## MESSAGE FROM PRINCIPAL

I am delighted to welcome you with great pride and honour to Coorg Institute of Technology. With a long and rewarding history of achievements in education behind us, we continue to move forward with confidence, pride, commitment and enthusiasm with dedicated and brilliant faculty. Young talented engineering students are the foundation of a future revolution, who carry the engineering profession to create a new world. We provide a safe and intellectually challenging environment that will empower the students as innovative thinkers, creative problem-solvers prepared to thrive in the twenty first century.

*The students are inspired by learning the hardware and software in ECE department to become technocrats with global competence and human values. I wish our students all success in their endeavors.*

- Dr. M Basavaraj  
Principal, CIT

## MESSAGE FROM HOD

Electronics makes life comfortable. Chasing excellence is a regular process in the Department. The endeavor is always to innovate. We have a team of dedicated & experienced faculties to nurture budding technocrats in the field of electronics & allied fields.

The Department along with the academics, promotes students with a platform for their overall personality development through departmental association ELITE. We are conducting technical seminars/workshops regularly. Our students are provided opportunities to undergo internships at cooperate sector & our alumni are placed in reputed companies.

*I congratulate the editorial team for their great effort in bringing out this newsletter.*

-Dr. Divakara S S  
HOD, Dept. of ECE

## **STUDENTS ACHIEVEMENTS**

- The project entitled "LoRa-Based Soldier Tracking System" by Mr. Chethan Kumar, Ms. Anisha B, Ms. Soumya S, and Ms. Indu G from the VIII semester (2023 pass out batch) received KSCST project funding under the 46<sup>th</sup> series.
- The project entitled "Nano Body Health Device" by Mr. Puttin Aiyappa P C, Ms. Sharisha Poovaiah, and Ms. Meghana H S from the VIII semester (2024 pass out batch) received KSCST project funding under the 47th series.
- The project entitled "Bio-Inspired Serpent Bot" by Mr. Sadhashiv Madri, Ms. Vidhyashree P, and Ms. Pooja M U from the same batch received KSCST project funding under the 47th series.
- The project entitled "IoT based automatic sericulture system" by VIII sem students Rakesh A B, Nandan G N, Supriya K S, Yamuna C S got selected for KSCST project funding under the 48th series.
- The project entitled "Waste collection and waste segregation Robot with dustbin" by Sumitra N V, Kavitha C A, Pooja M K got selected for KSCST project funding under the 48th series.
- Mr. Virupakshi Kambali from the VIII semester (2025 batch) successfully completed NPTEL courses on "Deep Learning" and "Sensors and Actuators"
- Mr. Karumbaiah C B from the VIII semester (2025 batch) completed NPTEL course on "Cyber Security and Privacy."

## **PAPER PUBLICATIONS**

- Gajendra S P, Lakshmi K, Prof. Sushma K.R, published a paper entitled “Wireless charging for electric vehicles” in International Journal of Research Publication and Reviews—ISSN 2582-7421-SR No- 115636-2
- Sneha K S, Prof. Sushma K.R, published a paper entitled “Empowering Intelligence at the core using AI system on Chip” in International Journal of Research Publication and Reviews—ISSN 2582-7421-SR No- 1155452
- Lakshmi K, Prof. Sushma K.R, published a paper entitled “Eye-Gaze communication system” in International Journal of Research Publication and Reviews—ISSN 2582-7421-SR No- 115273-2
- Puttin Aiyappa, Prof. Suman H M, published a paper entitled “Nanotechnology” in International Journal of Research Publication and Reviews—ISSN 2582-7421-SR No- 117335-1
- Meghana H S, Prof. Suman.H.M, published a paper entitled “Smart Aquaponic system using IoT” in International Journal of Research Publication and Reviews—ISSN 2582-7421-SR No- 115498-2
- Sharisha Poovaiah, Prof. Suman H M, published a paper entitled “Brain-Computer Interfaces” in International Journal of Research Publication and Reviews—ISSN 2582-7421-SR No- 115636-2
- Pooja M U, Prof. Ramya C, published a paper entitled “Unveiling the potential: Quantum sensors redefining PAR sensing in the new era of measurement” in International Journal of Research Publication and Reviews—ISSN 2582-7421-SR No- 114652-2

## **DEPARTMENTAL ACTIVITIES**



*Mr. Shashikiran M., Vidyut Automation, Mysore, was the resource person for the Certificate Course on **Programmable Logic Controller** conducted from 29<sup>th</sup> May to 3<sup>rd</sup> June 2023.*

*Mr. Karthik, Manager, Climb Creative Solutions, Chennai, was the resource person for the Workshop on **PCB Design using Altium** held from 29<sup>th</sup> June to 1<sup>st</sup> July 2023.*

*A Mini Project Expo using 555 Timer IC was held on 9<sup>th</sup> September 2023 for 5<sup>th</sup> semester students.*



*Mr. Akhil, Climb Creative Solutions, Chennai, was the resource person for the Internship on **VLSI Design using Verilog**, conducted from 25<sup>th</sup> October to 24<sup>th</sup> November 2023.*



*Mr. Chandrashekhar Rai, V-Star Health Plus, was the resource person for the **Health and Awareness Program** conducted on 11<sup>th</sup> November 2023.*

## **DEPARTMENTAL ACTIVITIES**



*A visit to Indian Institute of Science (IISc) was arranged for students and faculty on 24<sup>th</sup> February 2024.*

*Mr. Pulivarthi Rajendra and Mr. Srinivasa B.A, Entuple Technologies, Bangalore, were the resource persons for the Exploring the Cadence Tool Workshop conducted from 24<sup>th</sup> June to 28<sup>th</sup> June 2024*



*Mr. Vijay Kumar M C, Uday Engineers, Bangalore, was the resource person for the Digital Storage Oscilloscope (DSO) Workshop held on 18<sup>th</sup> June 2024.*

*Mr. Srinivasa B A, Senior Delivery Manager, L&T Technology Services Limited, Mysore, was the resource person for the guest lecture titled Be Ready to Explore the Engineering World of Infinite Possibilities, delivered on 12 July 2024.*

## **DEPARTMENTAL ACTIVITIES**

*A Mini Project Expo 2023-24 was conducted for 7th semester students on 19 July 2024 and for 4th semester students on 27 July 2024. The first place was won by two projects:*

- *Human Following Robot developed by Harshith N N, Dileep M R, Drushya Paramesha, Ganesh K B, Abhishek G R.*
- *Bluetooth Controlled Car with Front and Back Lights developed by Ronika T S, Rohan Gowda, Sahana H T, Sarika K M, Raghavendra.*
- *The second place was secured by the project Automatic Toll Barrier System using Arduino Uno developed by Likin Chinnappa N S, K Yashwanth Raj, Kannika M P, Khairunisha, Ankith K P.*
- *The third place was secured by the project Smart Blind Stick – Pooja G M, Poojith K B, Prajwal Y, Preetham B, Yashashwini.*

*The Department Journal (Prabhigyan) was officially released on 24 June 2024.*



*Mr. Sree Rama Samartha J G, Assistant Professor, Canara Engineering College, Mangalore, was the resource person for the Mobile Application Development Workshop held on 11<sup>th</sup> November 2024.*

*A Pick and Speak Competition was organized for 3rd semester students on 22<sup>nd</sup> November 2024. The winners were Rohith C L and Sanjay.*

*A Technical Quiz Competition was held for 3rd semester students on 22<sup>nd</sup> November 2024. The winners were Nithin H B, Puneeth B V and Likith Kumar .*

## ACADEMIC TOPPERS

### FIRST TOPPER



SINCHANA NAMADHARI S  
SGPA: 8.7

### FIRST YEAR

### SECOND TOPPER



SINDHU  
SGPA: 8.6

### SECOND TOPPER



RAKSHAK G RAJU  
SGPA: 8.6

### SECOND YEAR

#### FIRST TOPPER



PANCHAMI NAGARAJ  
SGPA: 9.0

#### SECOND TOPPER



RANCY PEMMAIAH C P  
SGPA: 8.9

### THIRD YEAR

#### FIRST TOPPER



LISHA RAI S  
SGPA: 9.1

#### SECOND TOPPER



VARSHA B S  
SGPA: 9.0

### FOURTH YEAR

#### FIRST TOPPER



MEGHANA H S  
SGPA: 9.2

#### SECOND TOPPER



POOJA M U  
SGPA: 9.0

BEST  
OUTGOING  
STUDENT  
2023-24



POOJA M U