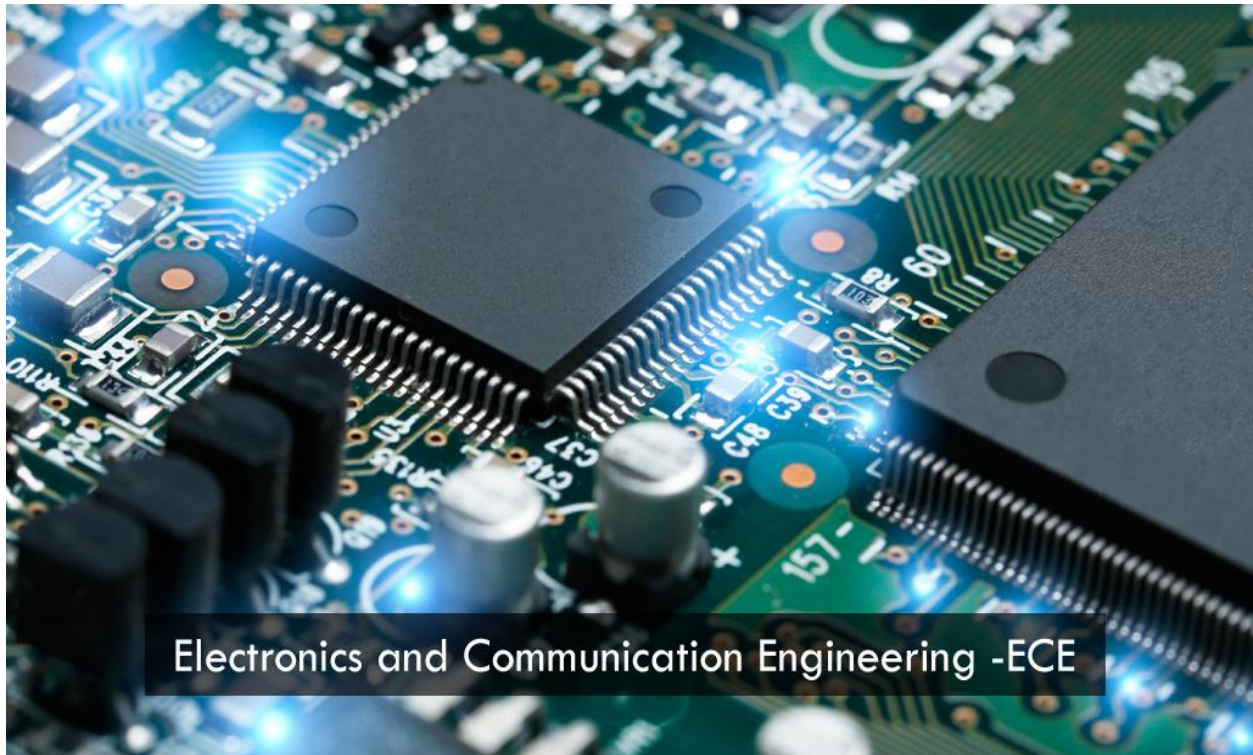


# *E-PULSE*

ECE DEPARTMENT NEWS LETTER



Electronics and Communication Engineering -ECE

Department of Electronics and Communication Engineering

Chalapathi Institute of Technology, Guntur-522007

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Editor: Dr. P.  
Balamuralikrishna  
Members: M.Gopi, IV ECE

**Vision of the department:**

To impart high-quality technical education to the students to shape them into competent professionals in the field of Electronics and Communication Engineering

**Mission of the Department:**

**M1:** Educating students with the cutting-edge technologies in Electronics and Communication Engineering to meet the ever growing challenges of the industry

**M2:** Fostering faculty and student innovation and creativity in order to carry out collaborative research

**M3:** Providing ethical and value-based education that encourages participation in activities that address societal needs

**Program Educational Objectives (PEOs):**

**PEO1 :** Preparing our graduates for successful careers in the field of Electronics and Communication Engineering.

**PEO2 :** Preparing our graduates to pursue higher education, research and professional development courses.

**PEO3 :** Preparing our graduates to attain leadership roles in industry, academia and research organizations and innovate continuously.

**PEO4 :** Preparing our graduates who will continuously work for the benefit of society as ethical and responsible professionals.

**Program Specific Outcomes (PSOs):**

**PSO1 :** Student will demonstrate the knowledge and understanding of concepts in the area of Electronics Communications, signal & image processing, networking and internet of things (IoT)

**PSO2 :** Should possess the skill to apply the knowledge gained in the field of ECE for the protection of the environment and well being of the society

## Student Technical Article: The ultrasonic blind walking stick

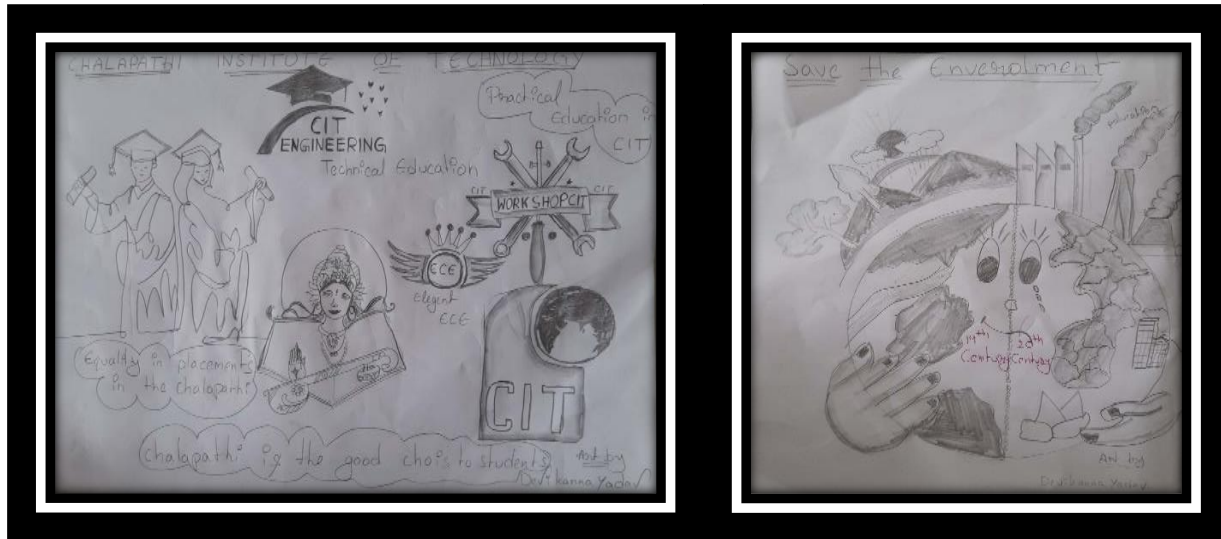


The objective of this project is to provide the visually impaired a better navigational tool. The ultrasonic blind walking stick is way more advanced than the traditional walking stick as the use of sensors makes object detection easier. But in the proposed system having voice playback assists the blind person to take appropriate steps to reach the desired destination. The vibrator connected to the stick is used for the indication.

ARTICLE: రైతు పడని కష్టంలేదు..... రైతు చూడని నష్టం లేదు..... రైతు చూడని చావు లేదు.....మనకి అన్నం గురించి ఎదురుచూసే రోజు వస్తే తప్పు రైతు విలువ తెలియదు....



## Student Arts:



Art by G.Vyshnavi II ECE

## LIST OF CONFERENCES AND WORK SHOPS ORGANISED:

1. Two-day National-Level Workshop on Internet of Things (IOT) conducted from 05.09.2019 to 06.09.2019 and the resource is Sri T. Mahipal Yadav and Sri P. Siva Prasad , Datapoint Info Solutions, Hyderabad. Dr. P.Bala Murali Krishna, D.Ravi Kiran, S.Sreechandra, D.Prabhakar, T.Raju, A.Laitha.





Photos of Two-day National-Level Workshop on Internet of Things (IOT)

### **STUDENTS PARTICIPATION IN THE EVENTS WITHIN THE STATE:**

1. Guntupalli Jahnvi awarded a Participation certificate in the VIHUNG event conducted by Malineni Perumallu Educational Society's Group of Institutions, Guntur, AP.
2. Gogada Bhavya Sri awarded a Participation certificate in the VIHUNG event conducted by Malineni Perumallu Educational Society's Group of Institutions, Guntur, AP.
3. Bommareddy Snigdha awarded II Prize(Cash Prize & Certificate) in the VIHUNG event conducted by Malineni Perumallu Educational Society's Group of Institutions, Guntur, AP.
4. Gutlapalli Vyshnavi awarded Participation in the NOVAM event conducted by CIET, Lam,Guntur.
5. Devarapu Harshitha awarded Participation in the NOVAM event conducted by CIET, Lam,Guntur.
6. Darla Pushpachandana Sai awarded I Prize(Cash Prize & Certificate) in the NOVAMevent conducted by CIET, Lam,Guntur.
7. Nara Bhagyarekha awarded Participation certificate in the VIHUNG event conducted by Malineni Perumallu Educational Society's Group of Institutions, Guntur, AP
8. Tadikonda Triveni awarded II Prize(Cash Prize & Certificate) in the VIHUNG event conducted by Malineni Perumallu Educational Society's Group of Institutions,

Guntur, AP

- 9 Shaik Sadulla awarded Participation Certificate in the VIHUNG event conducted by Malineni Perumallu Educational Society's Group of Institutions, Guntur, AP Nagisetty Nagarjuna awarded II Prize(Cash Prize & Certificate) in the Sunrise -2k19 event conducted by NRIT, Guntur, Andhra Pradesh.
- 10 Kari Subhash awarded Participation Certificate in the Sunrise -2k19 event conducted by NRIT, Guntur, Andhra Pradesh.

### **STUDENT PRIZES/AWARDS RECEIVED IN THE EVENTS:**

1. Bommareddy Snigdha awarded II Prize(Cash Prize & Certificate) in the VIHUNG Poster presentation on Vehicle Tracking System by Using GPS event conducted by Malineni Perumallu Educational Society's Group of Institutions, Guntur, AP
2. Darla Pushpachandana Sai awarded I Prize(Cash Prize & Certificate) in the NOVAM Quiz Technical event conducted by CIET, Lam,Guntur.
3. Tadikonda Triveni awarded II Prize(Cash Prize & Certificate) in the VIHUNG Project Expo on Intelligent Ambulance by Using Bluetooth event conducted by Malineni Perumallu Educational Society's Group of Institutions,Guntur, AP
4. Nagisetty Nagarjuna awarded II Prize(Cash Prize & Certificate) in the Sunrise -2k19 Quiz Technical event conducted by NRIT, Guntur, Andhra Pradesh.