

## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

[SUDHEE-2024]

**REPORT**

**on**

**ELECTRET- 2024**

### 1. INTRODUCTION

ELECTRET of EEE Department has been conducted on 26<sup>th</sup> February & 27<sup>th</sup> February 2024 as part of the Institute Technical Fest., SUDHEE 2024. The Faculty coordinators for this event are Sri. C. Srisailam & Dr. B. Krishna Chaitanya.

The Department 'ELECTRET' was started at 11:30AM in Room D-102. Dr. M. Balasubba Reddy, Professor and HoD of EEE, welcomed the Teaching, Non-Teaching Staff, Students & Participants from the various institutes to this Technical Symposium. After the address by HoD, the brief profile of our key note speaker Dr. Sastry Pamidi, Professor and Chair, FAMU-FSU College of Engineering Tallahassee, USA was read by our students Dasari Reshma and Candlitch Swarzina then, the key note speaker has addressed the gathering on the topic 'Significance and Importance of Engineering in meeting and fulfilling Societal needs' theme of institute Technical Symposium 'SUDHEE'. The session has been concluded at 12:15PM by giving our vote of thanks to the keynote speaker for sharing his practical insights. The number of participants attended this key note lecture was around 60.

After that, the following Thirteen (13) events (02-Technical & 11-Informal) were conducted in offline, by our student organizers, till evening 05:30PM, on Day-1.

S.no	Event	S.no	Event	S.no	Event
1.	Levitation (Paper Presentation)	6.	Electrocentric	11.	Fun'spark
2.	Project expo	7.	Electrocric	12.	Inventrix
3.	Codfiesta	8.	Electrohunt	13.	Electromaze
4.	E-Concorenzza	9.	Electruzzele		
5.	Electrobliss	10.	Funectron		



'Poster launch'

ELECTRET-2024 Teaser Drive link: <https://drive.google.com/file/d/1h8grYzOW95azInJ-yPoZ4iAkWqFvXfPp/view?usp=sharing>

## 2. ORGANIZING COMMITTEE

Student Coordinators	Faculty Coordinators
Mr. A. Akshay (7287078216) Ms. G. Rishitha (8074986059) Ms. J. Akshaya (6300463689) Mr. A. Anudeep Goud (7993764425)	Sri. C. Srisailam (9039714123) Dr. B. Krishna Chaitanya (9989302402)

### 1. LEVITATION (PAPER PRESENTATION)

Faculty In-charge	Contact
Dr. T. Murali Krishna	9866479770
Sri. C. Srisailam	9039714123
Dr. P Vijay Babu	8096909995
Sri. V.S. Krishna	8143115570

S.no	Student Organizer	B.E/M.E	Sem & Section	Contact
1.	P. Sathya Snigdha	B. E	VI-Sem-D1	9515933220
2.	S. Keerthi	B. E	VI-Sem-D1	7207560164
3.	A. Shiva Ram	B. E	VI-Sem-D2	8341961583
4.	Qudsiya	B. E	VI-Sem-D2	7075197187
5.	Narasimhulu	M.E	IV-Sem	
S.no	Volunteer	Sem & Section		Contact
1.	Sairam	IV-Sem-D1		7989127495
2.	MVV Aneesh	IV-Sem-D1		8639194103
3.	S. Harshvardhan	IV-Sem-D1		7981399009
4.	Surya Veeranki	IV-Sem-D1		9908961500

### 2. PROJECT EXPO

Faculty In-charge	Contact
Sri. D. Satish	9492433934
Sri. N. Santosh Kumar	9440666403
Sri M. Kishore	8500040812

S.no	Student Organizer	B.E/M.E	Sem & Section	Contact
1.	Yashaswini Sontе	B. E	VI-Sem-D1	7670975770
2.	S. Sathwik	B. E	VI-Sem-D1	9381361629
3.	D. Akhil	B. E	VI-Sem-D2	9951071723
4.	K. Sriharsha Vyshnavi	B. E	VI-Sem-D2	7601002762
5.	Beemari Pranesh	M.E	IV-Sem	
S.no	Volunteer	Sem & Section		Contact
1.	N. Sravani	IV-Sem-D1		8185938897
2.	A. Sampath Kumar	IV-Sem-D2		6303805426
3.	Harsha Vardhan	IV-Sem-D1		9347048781

4.	G. Harshitha	IV-Sem-D2	9052038387
----	--------------	-----------	------------

### 3. CODFIESTA

Faculty In-charge	Contact
Dr. Madhulika Das	7980200299
Dr. P. Kowstubha	9676402000
Mrs. Samatha	9603868380

S.no	Student Organizer	B.E/M.E	Sem & Section	Contact
1.	G. Bhavana	B. E	VI-Sem-D1	9440420687
2.	Sai Vardhan	B. E	VI-Sem-D1	9391723359
3.	S. Jessica	B. E	VI-Sem-D2	9032365724
4.	B. Shirisha	M.E	IV-Sem	
S.no	Volunteer	Sem & Section		Contact
1.	A. Prasanna	IV-Sem-D1		7386190145
2.	N. Soumya	IV-Sem-D1		9618710461
3.	Manogna	IV-Sem-D1		9177565646
4.	T. Bharath	IV-Sem-D2		9182408526

### 4. E-CONCORENZZA

Faculty In-charge	Contact
Sri. P. Hemeshwar Chary	9000234560
Dr. R. Vijay	9952322511
Sri A. Krishnama chary	9908312707

S.no	Student Organizer	B.E/M.E	Sem & Section	Contact
1.	K. Supriya	B. E	VI-Sem-D1	9866943854
2.	P. Sai Charan	B. E	VI-Sem-D1	9652743101
3.	G. Koti Reddy	B. E	VI-Sem-D1	9392672374
4.	P. Mounika	M.E	I-Sem	
S.no	Volunteer	Sem & Section		Contact
1.	K. Haindavi Rao	IV-Sem-D1		9849748123
2.	Parameshwari	IV-Sem-D1		8179259091
3.	B. Sai Rithvik	IV-Sem-D1		7386661634
4.	G. Nandavardhan Reddy	IV-Sem-D1		7207867903

### 5. ELECTROBLISS

Faculty In-charge	Contact
Sri. C. Harish	9441952462
Sri. D. Harsha	9440573124
Sri S. Srinivas	9573284290

S.no	Student Organizer	B.E/M.E	Sem & Section	Contact
1.	Manipal Yadav	B. E	VI-Sem-D1	9493722127
2.	G. Shruthi Reddy	B. E	VI-Sem-D2	9154062004
3.	M. Chandana	B. E	VI-Sem-D2	6302776988
4.	G. Devi Sri	M.E	I-Sem	
S.no	Volunteer	Sem & Section		Contact
1.	N. Prachetan	IV-Sem-D1		8074317826
2.	Vignasri	IV-Sem-D2		7569190279
3.	A. Manish	IV-Sem-D2		7702268115
4.	S. Karthik	IV-Sem-D2		8519973725

## 6. ELECTROCENTRIC

Faculty In-charge	Contact
Dr. Ch. V. Krishna Reddy	9948283847
Sri. I. Pranav	9949871871
Sri. B.Maheshwar	8008008098

S.no	Student Organizer	B.E/M.E	Sem & Section	Contact
1.	J. Rajesh	B. E	VI-Sem-D1	7569558519
2.	Aishwarya Bura	B. E	VI-Sem-D2	7799300885
3.	M. Sindhu	B. E	VI-Sem-D2	8790035309
4.	D. Srinivas	M.E	III-Sem	
S.no	Volunteer	Sem & Section		Contact
1.	K.N.B Praneeth	IV-Sem-D1		9014638865
2.	Shaik Uzma Saniya	IV-Sem-D2		7337519528
3.	Shaik Osman Pasha	IV-Sem-D2		7995439072
4.	M. Newraj	IV-Sem-D2		9014363263

## 7. ELECTROCRIC

Faculty In-charge	Contact
Sri. P. Hemeshwar chary	9000234560
Dr. B. Krishna Chaitanya	9989302402
Sri. Rahim Pasha	9963957491

S.no	Student Organizer	B.E/M.E	Sem & Section	Contact
1.	L. Rahul	B. E	VI-Sem-D1	6301132394
2.	G. Vijay	B. E	VI-Sem-D2	6301582694
3.	L. Nitish	B. E	VI-Sem-D2	8309257628
4.	Mohammad Amaanuddin	M.E	I-Sem	
S.no	Volunteer	Sem & Section		Contact
1.	Vignesh	IV-Sem-D2		6309329393
2.	T. Rohith Singh	IV-Sem-D2		8309897618
3.	B. Anandasagar	IV-Sem-D1		9493364665
4.	K. Hari Krishna	IV-Sem-D2		6305341170

## 8. ELECTROHUNT

Faculty In-charge	Contact
Dr. Yawar Abbas Khan	7295996603
Dr. Ahmed Syed	9848543912
Sri. K. Mallesha	9948854285

S.no	Student Organizer	B.E/M.E	Sem & Section	Contact
1.	Adithya Goud	B. E	VI-Sem-D1	9703006677
2.	S. Seema	B. E	VI-Sem-D1	9866547591
3.	V. Karthik	B. E	VI-Sem-D2	9014607100
4.	Azka Ihtesham Uddin Ahmed	M.E	III-Sem	
S.no	Volunteer	Sem & Section		Contact
1.	A. Nikhila	IV-Sem-D1		9398611745
2.	V. Kavya	IV-Sem-D1		9398769941
3.	Suresh	IV-Sem-D2		9381672292
4.	Rohith	IV-Sem-D1		8019803241
5.	S. Prasanna Reddy	IV-Sem-D1		6303089495
6.	V. Supritha	IV-Sem-D1		9948747055
7.	G. Geethika	IV-Sem-D1		9032763808
8.	U. Reshma	IV-Sem-D2		9347860580
9.	U. Nikhil Tej	IV-Sem-D2		8465951224

## 9. ELECTRIZZLE

Faculty In-charge	Contact
Dr. T. Sudhakar babu	7382163424
Dr. B. Krishna Chaitanya	9989302402
Sri. B.Yadaiah	

S.no	Student Organizer	B.E/M.E	Sem & Section	Contact
1.	K. Lalith Kumar	B. E	VI-Sem-D1	7981034096
2.	N. Rahul	B. E	VI-Sem-D1	6305843916
3.	P. Karthikeya	B. E	VI-SEM-D1	8328037815
4.	K. Meghana	B. E	VI-Sem-D2	7569508697
5.	B. Sangeetha	M.E	I-Sem	
S.no	Volunteer	Sem & Section		Contact
1.	K.V. Bharadwaj Karthik	IV-Sem-D1		9014745177

## 10. FUNECTRON

Faculty In-charge	Contact
Dr. B. Suresh Kumar	9849396814
Mr. V. Vijay	9039714123
Sri. Rahim Pasha	9963957491

S.no	Student Organizer	B.E/M.E	Sem & Section	Contact
1.	J. Kaushik Reddy	B. E	VI-Sem-D1	9573414937
2.	Karthikeyan Reddy	B. E	VI-Sem-D1	9848818782
3.	S. Rahul	B. E	VI-Sem-D2	7794857056
4.	M. Anusha	M.E	I-Sem	
S.no	Volunteer	Sem & Section		Contact
1.	Krithisha	IV-Sem-D2		7386926226
2.	S. Akshay	IV-Sem-D2		6300088101
3.	Riya Kumari	IV-Sem-D1		9923671155

## 11. FUN'SPARK

Faculty In-charge	Contact
Mrs. D. Sushma	9963499264
Sri. P. Hemeshwar chary	9000234560
Sri M. Kishore	8500040812

S.no	Student Organizer	B.E/M.E	Sem & Section	Contact
1.	B. Harinika	B. E	VI-Sem-D1	9618096364
2.	B. Lalitha	B. E	VI-Sem-D2	7730884193
3.	M. Raju	B. E	VI-Sem-D2	8790356530
4.	B. Sai Teja	M.E	I-Sem	
S.no	Volunteer	Sem & Section		Contact
1.	B. Manogna	IV-Sem-D2		9701639616
2.	Giri	IV-Sem-D2		7893094114
3.	G. Sandhya	IV-Sem-D2		6300316615
4.	Sairam	IV-Sem-D2		9059487561
5.	A. Nithya	IV-Sem-D2		9490265544

## 12. INVENTRIX

Faculty In-charge	Contact
Dr. N. Vasantha Gowri	9052221446
Sri. N. Santosh Kumar	9440666403
Sri. P. Venumadhava chary	9000607685

S.no	Student Organizer	B.E/M.E	Sem & Section	Contact
1.	N. Kavya	B. E	VI-Sem-D1	9959020637
2.	Tahniyath Mahveen	B. E	VI-Sem-D1	7386641876
3.	C. Asrith	B. E	VI-Sem-D2	9866587712
4.	N. Rahul	M.E	I-Sem	
S.no	Volunteer	Sem & Section		Contact
1.	Sadwika	IV-Sem-D2		8143104200
2.	Praveen Raj Jai Shankar	IV-Sem-D2		9989415444
3.	Santhi Vardhan	IV-Sem-D2		8897667349

4.	Y. Akhila	IV-Sem-D2	6300859227
----	-----------	-----------	------------

### 13. ELECTROMAZE

Faculty In-charge	Contact
Dr. N. Vasantha Gowri	9052221446
Sri. N. Santosh Kumar	9440666403
Sri. V.S. Krishna	8143115570

S.no	Student Organizer	B.E/M.E	Sem & Section	Contact
1.	Victor Samuel	B. E	VI-Sem-D1	8106622360
2.	G. Vigneshwar	B. E	VI-Sem-D1	7330628154
3.	Sai Arjun	B. E	VI-Sem-D1	6305215607
4.	Y. Sandeep	B. E	VI-Sem-D1	8309681069
5.	M. Sai Charan	M. E	IV-Sem	

S.no	Volunteer	Sem & Section	Contact
1.	D. Mahesh	IV-Sem-D1	9963679240
2.	Bharadwaj	IV-Sem-D1	9398981190
3.	Sai Pranav	IV-Sem-D1	8977637778
4.	M. Vaibhav	IV-Sem-D1	9177001939





### **3. KEYNOTE SESSION**

#### **DETAILS OF SPEAKER**

Name: Dr. Sastry Pamidi

Designation: Professor and Chair

FAMU-FSU College of Engineering Tallahassee, USA

#### **SPEAKER PROFILE**

Dr. Sastry Pamidi who is a distinguished researcher with a rich academic background, holding a Ph.D. in Materials Chemistry from the University of Bombay (1992), an MBA in Financial Management from Florida State University (2007), and an M.S. in Nuclear Science from Andhra University, India (1984). Since 1986, Sastry has been a leading figure in superconducting materials and devices. Currently associated with the Florida State University Center for Advanced Power Systems (CAPS), he spearheads research on superconducting power systems and applied cryogenics. His ongoing projects encompass superconducting power cables, AC loss measurements, and collaboration with industry for device development. He has collaborated globally, supporting various institutions and small businesses. He boasts 150 publications in peer-reviewed journals and actively contributes to the applied superconductivity community through editorial committees and professional development courses. Recognized as a Senior Member of the Institute of Electrical and Electronic Engineers (IEEE) and a Project Management Professional (PMP) with the Project Management Institute.

#### **KEYNOTE ADDRESS**

Dr. Sastry Pamidi had given '**Significance and Importance of Engineering in meeting and fulfilling Societal needs**' theme.



## 4. EVENT DETAILS

### 1. LEVITATION

Levitation is an amazing opportunity to showcase your ideas on a unique and massive platform in the form of well integrated and intriguing presentation. It strives to explore the competency of young minds by giving their incredulous ideas a definitive direction. There are two stages in this event where in the first stage is submission of abstract and the second round is presenting the ideas in front of judges.

The Electret's Levitation 2024 showcased an array of innovative ideas, competitions, and activities, providing a platform for participants to demonstrate their skills and ingenuity. The event culminated in the announcement of winners, recognizing outstanding ideas and thoughts that exhibited technical brilliance and societal impact.

#### **Paper Presentation:**

Participants from various institutions presented their Ideas, covering diverse areas of Electrical and Electronics Engineering ranging from Wireless Electricity, Smart Grid Review, Solar Navigator to Quartz Thermometry and EV Battery Swapping, showcasing the creativity, Field of study and technical expertise of the participants. The Participants navigated deep into the subject by sharing their thoughts and receive feedback from the judges

#### **Competition Results:**

The results of the Expo were as follows:

##### **The Winners:**

**Name :** Mr. Akhilesh R. A, 2<sup>nd</sup> year MECHANTRONICS, KPRIET, Tamil Nadu.

**Paper Title:** Bio inspired robotic bird

##### **The Runner:**

**Name:** Mr Hemanth Varma, 3<sup>rd</sup> year EEE, CBIT, Hyderabad

**Paper Title:** Quartz Thermometry

#### **Event Information:**

- Date & Time: 26th, at 10:00 AM
- Venue: L202, CBIT.

- Dress Code: Formals
- ID Requirement: College institute ID card for entry.

### **Highlights:**

- Technical Brilliance: Presentations were evaluated by a discerning panel.
- Societal Impact: Paper aimed at making a difference in society and Innovation to existing one.
- Valuable Insights: Participants received feedback from esteemed judges.
- Networking: Participants had the opportunity to connect with peers passionate about EEE.

### **Registration Details:**

- Single Participant: Rs 400/-
- Two Members: Rs 400/- (Rs 200 + Rs 200)
- Three Members: Rs 600/- (Rs 200 + Rs 200 + Rs 200) Prize:
- The first prize winner received Rs. 2000/-
- Second Prize Winner received Rs. 1500/-

The CBIT EEE's Electret Project Expo provided a platform for participants to showcase their skills and innovations, fostering collaboration and driving excellence in Electrical and Electronics Engineering.

### **Judges profile:**

Judge-1:- Prof.B.V.Ramana Prasad

- *Designation* :-Professor, HoD
- *Education* :-M.E(Instrumentation& Control)
- *Affiliation* :-Government Polytechnic, Yadagirigutta
- *Responsibilities* :- Committee member for design of Diploma Curriculum for the past decade, and also for Intermediate Vocational courses, State & District Coordinator for Srujana Techfest conducted by the Department of Technical Education, Telangana for EEE cluster.
- Awards :- Best HoD awardee by the Government of Telangana in 2023
- Contact info :- -91 9866546182 ,kbcramana@gmail.com

**Judge-2:- Dr.R.Vijay**

- *Designation* :- Assistant Professor
- *Education* :- B.E., M.Eng., Ph.D., M.I.S.T.E., M.I.E
- *Affiliation* :- Chaitanya Bharathi Institute of Technology  
(Autonomous),Hyderabad
- *Research Areas* :- Power System Optimization
- *Responsibilities'* :- Student Achievement and Placements
- *Course Handled* :- Power System Operation and Control, Power System-I,  
Restructured Power System, Utilization of Electrical Energy etc.,
- *Publications* :- He has published more than 28 Research articles in  
refereed and SCI Indexed Journals and 5 book chapters. He has received a copyright for  
his research work from the Government of India.
- *Contact info* :- + 91 9952322511, [vijai.mtp@gmail.com](mailto:vijai.mtp@gmail.com)



**SUDHEE 2024**  
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

**ELECTRET**  
PROUDLY PRESENTS  
**LEVITATION**

Win exciting awards

**EVENT ORGANIZERS**  
S. Keerthi - 7207560164  
Sripathi - 9515933220  
Anusya - 7075197187  
Shivaram - 8341961583

Putting your thoughts into practice

ON 26 & 27TH FEB

Registration fee  
Individual - 400/-  
Group of 2 - 400/-  
Group of 3 - 600/-



## 2. PROJECT EXPO

- The "Technical Project Presentation" event at CBIT is an exciting opportunity for participants to showcase their technical skills and talents in front of a panel of judges. This event is designed to provide participants with a platform to present their technical projects or any projects useful to the society. Participating in this event will be a great experience for those who are passionate about Electrical and Computer Science.

The Electret's Project Expo 2024 showcased an array of innovative projects, competitions, and activities, providing a platform for participants to demonstrate their skills and ingenuity. The event culminated in the announcement of winners, recognizing outstanding projects that exhibited technical brilliance and societal impact.

### **Project Exhibition:**

Participants from various institutions presented their projects, covering diverse areas of Electrical and Electronics Engineering. Projects ranged from Water Quality Monitoring Systems to Automatic Speed Control of Vehicles Using RF modules, showcasing the creativity and technical expertise of the participants.

### **Judges profile:**

Judge-1:- Dr. P. Nagasekhar Reddy

Dr. P. Nagasekhar Reddy, Associate Professor received his M.Tech degree from Jawaharlal Nehru technological University, Ananthapur, in 2005 and completed his Ph.D from Jawaharlal Nehru technological University, Hyderabad in 2014. He is presently working as Associate Professor in Mahatma Gandhi Institute of Technology, Hyderabad, India. He presented more than 60 research papers in various national and international Journals and Conferences. His research areas include Power Electronics, PWM techniques, DC to AC converters and control of electrical drives. He authored 5 Text Books published by national and international publishers and has 4 patent publications into his credit. He is the Life member of INDIAN SOCIETY FOR TECHNICAL EDUCATION, The Institution of Engineers (India) and Solar Energy Society of India

Judge-2:- Sri. D. Sathish, Assistant Professor

- *Education* :- M.E
- *Affiliation* :- Chaitanya Bharathi Institute of Technology(Autonomous),Hyderabad
- *Research Areas* :- Power System
- *Contact info* :- + 91 94924 33934, dsathish\_eee@cbit.ac.in

### **Competition Results:**

The results of the Expo were as follows:

#### **First Prize Winners:**

1. G. Shivakumar, EEE, 3rd Year, Govt. Polytechnic College, Masab Tank.
2. P. Aneesh, EEE, 3rd Year, Govt. Polytechnic College, Masab Tank.
3. D. Vishal, EEE, 3rd Year, Govt. Polytechnic College, Masab Tank.

Project: Automatic Speed Control of Vehicles Using RF modules.

#### **Runner Ups:**

1. J. Srujan Kumar, ECE, 3rd Year, CBIT.
2. D. Akhil, EEE, 3rd Year, CBIT.

Project: Water Quality Monitoring System.

#### **Event Information:**

- Date & Time: 26th, at 10:00 AM
- Venue: Right Side Lane Open Air Auditorium, CBIT.
- Dress Code: Formals
- ID Requirement: College institute ID card for entry.

#### **Highlights:**

- Technical Brilliance: Projects were evaluated by a discerning panel.
- Societal Impact: Projects aimed at making a difference in society.
- Valuable Insights: Participants received feedback from esteemed judges.
- Networking: Participants had the opportunity to connect with peers passionate about EEE.

#### **Registration Details:**





- Single Participant: Rs 400/-
- Two Members: Rs 400/- (Rs 200 + Rs 200)
- Three Members: Rs 600/- (Rs 200 + Rs 200 + Rs 200)

**Prize:**

- ▣ **The first prize winner received Rs. 2000/-**
- ▣ **Second Prize Winner received Rs. 1500/-**

The CBIT EEE's Electret Project Expo provided a platform for participants to showcase their skills and innovations, fostering collaboration and driving excellence in Electrical and Electronics Engineering.

**SUDHEE 2K24**  
 DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
 On Feb-26 & Feb 27  
**ELECTRET**  
*Presents*  
**PROJECT EXPO**  
*Brushing future with unleashed creativity of our minds*

**Registration FEE : ₹400/-**

Organizer's:  
 S. Yashaswini 7670975770  
 K. Vyshnavi 7601002762  
 S. Sathwik 9381361629  
 D. Akhil 9951071723

Scan this QR to Register

**First Prize Cash 2000/-**

Volunteer's:  
 N. Sravanil 8185938897  
 G. Harshitha 9052038387  
 A. Harsha Vardhan 9347048781  
 A. Sampath Kumar 6303805426



### 3. CODEFIESTA

Codfiesta is an event, organized by Electret 2024 for Sudhee Tech Fest, comprises three rounds.

#### **Round 1: Quiz**

Questions are based on fun, logical, and technical along with some basic electrical questions.

#### **Round 2: Error Detection**

A code containing errors will be shown on the screen. You will have to detect the errors

#### **Round 3: Codewars**

The entire code is shown on the screen, and the participant must enter it without looking at the monitor.

**Prize winners: Ch.Shashank (3rd year)**

#### **Registration Details:**

For single person:

50/- For team of

two: 80/-

#### **Prize:**

- The prize winner received Rs. 1000/-

# SUDHEE 2K24

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ELECTRET PRESENTS

Win Exciting prizes

**CODEFIESTA**

ON  
26 AND 27  
FEB

Register here  
single : 50/-  
dual : 80/-

SHOW ME THE CODE



- Round 1 : Quiz
- Round 2 : Error Detection
- Round 3 : CodeWars

EVENT ORGANIZERS :  
 BHAVANA GANGANAMANI - 9440420687  
 SAI YARDHAN - 9391723359  
 JESICA - 9032365724



## 4. E-Concurrenza

The Techfest featured a wide range of events, competitions, and activities. We had technical workshops, coding challenges, robotics competitions, paper presentations, and more. The winners of each event were recognized and awarded based on their performance and innovation. E-CONCORRENZA is a fun event.

### Round 1:- Fun game.

Part 1: Dumbcharades, we will provide the teams a film name one has to perform an action and the other has to guess the film name. Time per team 3 min. No. of questions will be 5 (they can pass the questions). 2 mark will be awarded for correct answer

Part 2: Music/Dialogue bit, guess the song with music bit or guess movie name if dialogue is given. Time per team 3 min. No. of questions will be 10 (they can pass the questions) 1 mark will be awarded for correct answer



### Round 2:- Memory Based

Grid full of images will be shown for 30 secs and they need to remember them. The teams then need to start writing the remembered images within 30 seconds. 1 mark awarded for correct answer.

The teams that are selected to play for the next round are selected based on the 1st and 2nd round performances.

### Round 3:- Find me out

In this round, a set of questions will be displayed on the screen, team members will have to write the answers on the sheets given and the final winner and runner will be decided based on the no. of correct answers and the time taken by the team. One set has 10 questions. 1 mark is awarded for correct answer.

**Congratulations to the winners**, Chava Sravya and their team of two from Stanley College of Engineering and Technology for Women.

**Also, kudos to the runners-up**, D.Saketh and their team of three from CBIT Civil 6th Sem.

## 5. ELECTRO BLISS

- ELECTRO BLISS is a mix of time based fun events. There are 3 rounds in this event.

### Event Summary:

No. of Rounds: 3

### Round 1: BGM Hunt

Embark on a thrilling background music hunt! Dive into the sonic world of movies or series, identifying and enjoying the music that enhances the cinematic experience. Bgm hunt is fun auditory challenge.

Here 3 BGM's of any movie or series is played and participant who guess atleast two correct in 1 min will be qualified to next round.

### Round 2: Balloon smash

Box full of different items need to be separated based the number when they smash the balloon. Balloon usually contains a chit, that has number.

### Round 3: Guess the logo

A thrilling game where players decode iconic symbols in 30 seconds. Fun and challenging, it tests your brand recognition skills.

Here 10 logo's will be displayed one by one and the participant need to guess the logo within 30 sec for each image. Atleast 6 logos to be guessed to qualify to next round.

### Winner Selection Criteria:

Top 2 will be considered as Winner and runner are decided based on Time limit and No. of things guessed in each round.

### Winners:

1st Prize: Nithish and Raju

2nd Prize: Sarvotham and anil kumar

3rd Prize: Akshaya and Anudeep

### Registration Fee:

Single: 50/-

Duo: 80/-

No. of registrations: 41

Head count: 73

### Event Photos:



## 6. ELECTROCENTRIC

- Electrocentric is a fun event designed to test the participant's skill about the terminology.

### Event Summary:

No. of Rounds: 3 Event Details:

Mode of event: Offline Venue: H-block  
lane

Registration Fee: Single: 50/-

Duo: 80/- No .of registrations: 45

Head count: 71

### ABOUT THE EVENT:-

#### Overview:

Electrocentric is an electrifying event where electrical prowess, creativity collide!! This exciting competition features three levels of challenges, designed to test your knowledge, ingenuity, and understanding of the fascinating world of electricity.

#### LEVEL 1:- SPARK SEARCH

It's similar to a word search game, but electrical words will be given to search those that are arranged in vertical/horizontal/diagonal manner. Each word search will have 10 electrical words and they need to find them out within 2 minutes. Participants will be qualified for the nextlevel if they find 5 searches correctly.

#### LEVEL 2:- CURRENT CLUE

Some hints/clues will be displayed in the form of images like circuit + speed breaker (question) = circuit breaker (Answer). Each participant willbe given 10 questions with a 10 seconds timer. If they crack 8 correctly, they will be qualified to level 3.

#### LEVEL 3:- POWER PLAY

5 electrical related questions are asked where they need to answer them by arranging the cups at some distance with letters based on the cracked electrical answer.

Eg: Unit of power? WATTS






### Winners Selection Criteria:

Top 2 will be considered as Winner and runner are decided based on Time limit and the fastest of all will be the winner.

### Winners:

**1<sup>st</sup> Prize:** KOMAL RAJ JARATHI

**2<sup>nd</sup> Prize:** GOPU SHRUTHI REDDY

### Cash Prize:

**1<sup>st</sup> winner:** 600/- **2<sup>nd</sup>**

**winner:** 400/-

## 7. ELECTROCRIC

- Electrocric is a fun event designed especially for cricket lovers. A new way of playing cricket in a dark room. Radium paint will be applied on the ball and bat, and you will be playing in a dark environment with only the ball being visible to us. Feels like scintilla in a dark room. This is a game where participants bet on their striking skills and get instant rewards if they reach the score limit that is given to them.

### EVENT DETAILS:

The Techfest featured a wide range of events, competitions, and activities. We had technical workshops, coding challenges, robotics competitions, paper presentations, and more. The winners of each event were recognized and awarded based on their performance and innovation. Our event name is electrocric, we conducted cricket game in dark room with bright ball and bat (radium /shining ball and bat). Those participant will hit the highest score in dark room, that participant named as winner.



**SUDHEE-2K24**  
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
ELECTRET  
PRESENTS  
**ELECTROCRIC**  
REGISTER TO WIN PRIZES

WIN UPTO  
**RS.500**

**ORGANISERS:**  
G.Vijay-6301582694  
L.Rahul-9052756696  
L.Nitish-8309257628

26 27 FEB  
9:30 ONWARDS  
I-BLOCK

REGISTRATION FEE:  
PER HEAD-50/-

QR Code

No of registrations: 50

No of participants: 50

### Winners :

1. Saikiran reddy , ece, 3rd year
2. Vaibhav , eee, 2nd year
3. Ravali

## 8. ELECTROHUNT

- Electrohunt is a traditional treasure hunt based event. There are two rounds in this event.

The game consists of two rounds: 1. Let's Selfie 2.Hunt Briefly about rounds:

**Round 1:** In this we have posters of emojis sticked at random places in our college premises. The contestants should find out using provided hints and should take selfie and complete in respective time. Then they are qualified for round 2.

**Round 2:** In this we have 7 hints which are with our volunteers at different places in our college premises. From the start point the contestants who reach to end point in less time by covering all hints they will be the "WINNER".

"TOP 3 WINNERS get the CASH PRIZES."

Congratulations to the **winners**, Vinay and their team of two from CBIT.

Also, kudos to the **runners-up**, Mounika and Pranav teams from CBIT





## **9. ELECTRUZZLE**

The Techfest featured a wide range of events, competitions, and activities. We had technical workshops, coding challenges, robotics competitions, paper presentations, and more. The winners of each event were recognized and awarded based on their performance and innovation. We played three games. Game - 1: Sketch the part  
Description: An image of animal with a missing part is drawn. The participant should draw the missing part with a blindfold. For pairs one participant is given chance based on their choice. Selection Criteria: Accuracy of placement and diagram.

### **GAME-1: SKETCH THE PART**

"Sketch the Part" sounds like a fun and creative game! In this game, an image of an animal with a missing part is drawn, and the participants must draw the missing part while wearing a blindfold. It can be played individually or in pairs, where one participant is given a chance to draw based on their choice. The key criterion for winning the game is the accuracy of placement and diagrams. It sounds like a challenging and exciting game that tests both artistic skills and spatial awareness.

### **GAME-2: Pictionary**

Pictionary! That's such a classic and entertaining game! In Pictionary, a word related to EEE is represented through pictures, and the participants must guess the word based on those pictures. It's a race against time, as the selection criteria include both the speed in guessing and the correctness of the answer. It's a great game to test your creativity, quick thinking, and ability to interpret visual cues. Pictionary is a super fun game where you must guess words based on pictures. In this version, the words are related to EEE, so it adds an extra twist. The goal is to guess the word correctly and as quickly as possible. It's a great game to play with friends and family, and it's guaranteed to bring lots of laughter and excitement.

### **GAME-3: JIGSAW PUZZLE**

Jigsaw Puzzle is a classic and engaging game where participants try to complete a jigsaw puzzle within a certain time limit. The goal is to assemble all the puzzle pieces correctly to recreate a picture or image. It's a great way to challenge your problem-solving skills, spatial awareness, and attention to detail. Jigsaw

puzzles can be played individually or as a team, and they offer a satisfying sense of accomplishment when the final piece fits into place. Jigsaw Puzzle is a fantastic game where you must put together puzzle pieces to complete a picture. It's all about finding the right fit and matching the shapes and colors to create a beautiful image. It can be a relaxing and enjoyable activity that also challenges your problem-solving skills. Whether you're a puzzle enthusiast or just looking for a fun way to spend some time.

**WINNER: Architha - EEE CBIT.**





## 10. FUNECTRON

FUNECTRON is a fun event and it consists of 3 rounds.

### ROUND-1

**BOTTLE FLIP :-** Contestant's will be asked FIVE Riddle Questions .If the answer given by the contestant is correct then he/she is awarded 5 points and he/she is given THREE chances to Flip the bottle if he/she is successful in flipping the bottle in First attempt they will be awarded another 5 points in second attempt they will be awarded 4 points in third attempt they will be awarded 3 points .The total score for ROUND 1 will be awarded for 10 points.

### ROUND 2

#### WORD BUILDING :-

In this round contain 26 cups and these cups are arranged in the form of stack and an alphabet is written on the each cup ,contestants will pick a chit which contains a word and the contestants need to find the cups and arrange them in order to form the word. Points are awarded based on their progress. The total score is awarded for 10 points.

### ROUND 3

#### RESISTOR BUILDING :-

**PHASE 1 :-** Groups of Contestants will be given duplicate money and a resistor circuit is given to them they need to buy the Resistors through auction they need to buy all the resistors present in the circuit or they will be eliminated .

**PHASE 2 :-** They need to arrange the resistors in such a way that the equivalent resistance of the circuit is less . The group with least resistance are awarded 10 points. Depending on the least resistance remaining groups are awarded points.

THE TOTAL POINTS WILL BE EVALUATED FOR 30 POINTS.

WINNER IS GIVEN CASH PRICE.

#### PARTICIPANTS :-

For this event, we received 25 registrations and had a headcount of 43 participants, who played in duos or single for each round. Participants expressed joy and happiness for being part of the event, including other



branches within our college.

**Congratulations to the winners, Chaitanya and Anil from CBIT.**



## 11. FUNSPARK

Fun'spark is an event, organized by Electret 2024 for Sudhee Tech Fest, comprises three rounds.

### Round 1: Guess it

Participants are engaged in this guessing challenge by revealing the concealed images and decoding technical terminology.

### Round 2: Balloon Blast

Participants will face some general questions or brain teasers, and correct answers allow them to burst a water balloon on their partner's head. Incorrect or unanswered questions result in penalties involving funny tasks.

### Round 3: Blindfolded

The contestant, without a blindfold, will guide their blindfolded partner to navigate through an arrangement without causing any disturbance.

**First Prize winners: Sravan (4th year)**

**Second Prize winners: Ravali .L( Alumni)**

### Registration Details:

For single person:

50/- For team of

two: 80/-

### Prize:

- The first prize winner received Rs. 700/-
- The second prize winner received Rs. 400/-

**SUDHEE-2K24** Presents **ELECTRET FUNSPARK** On 26th & 27th Feb

Let's find spark in you

**Guess it**

**Balloon Blast**

**Blind folded**

WIN CASH PRIZES!!

Registrations  
 Single person -50/-  
 Team of two-80/-

Event organizers:  
 Harinika-96180 96364  
 Lalitha-7730884193  
 Raja-87903 56530





## 12. INVENTRIX

A brief overview of the event:

**INVETRIX** is an irresistible event of **ELECTRET 2024**

It consists of 3 rounds namely, **SPLASH IT OUT, BLIND FOLD, IBOMMA.**

**SPLASH IT OUT:** Participants will be asked Riddles and general Brainteasers to answer. One wrong answer, and you'll be splashed out with water.

**BLIND FOLD :** You'll be Blindfolded and a Braille script kind will be given to you and you are supposed to answer any 2 right by just the touch and feel of the Inscribed words.

**IBOMMA :** Any 2 out of 3 Sequence/ Pattern of Bottles should be matched to the Organisers array.

The participants have to then, remember the 3 lead cast of 4 movie's in the order we tell them and arrange their cut out pictures accordingly(in the same order as told) on the desk.

- Everyone will be promoted till the last round.
- Small Amusing punishable tasks will be given in between to make the event a wholesome experience for participant.

### **Registration fee:**

For singles-50/-

For Duo- 80/-

N.Kavya- 9959020637

Tahniyath Mahveen- 7386641876

Asrith Chinnamurthy – 9866587712

CLICK HERE FOR [PARTICIPANTS DETAILS](#) .

We have received a total of registrations of 41 participants in total, out of which 4 participants are declared as winners.

**Winner Details : Akshay, Vignesh from CBIT and Sneha, Harika from MGIT.**

## 13. ELECTROMAZE

### Round 1: Wonder Word

Kickstart your adventure by diving into a sea of letters where electrical terms are hidden waiting to be discovered. In this initial challenge, participants will be given a sheet filled with jumbled letters, and the task is to identify and mark out all the electrical words camouflaged within. Sharpen your eyes and get ready to unravel the mysteries letter by letter!

### Round 2: Entertainment Carnival

After flexing your vocabulary muscles, it's time to add a dash of fun with our Entertainment Carnival. In this round, you're invited to a delightful journey through various categories of intriguing image-based puzzles. Each participant will choose a category and decode the hidden electrical concept depicted in the images. It's a test of how well you can connect visuals to your electrical knowledge!

### Round 3: Color Cascade

The final hurdle of ElectroMaze is a vibrant challenge that will dazzle your senses and test your memory. Participants will be presented with a sequence of colored balls, each representing a different aspect of electrical and electronics engineering. The challenge? To memorize and then rearrange a new set of balls in the exact same order. It's a colorful twist to test how attentively you can recall sequences under pressure.



**CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY**

An Autonomous Institute | Affiliated to Osmania University  
Kokapet Village, Gandipet Mandal, Hyderabad, Telangana-500075. www.cbti.ac.in



COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

**45**  
years



### **Participants:**

For this event, we received 22 registrations and had a headcount of 43 participants, who played in duos or single for each round. Participants expressed joy and happiness for being part of the event, including other branches within our college.

**Congratulations to the winners, Sri Charan and their team of two from CBIT.**



**5. PARTICIPANTS** are within state/Out of state participation.

S.no	Event	No.of Participants/ Registrations	Registrations from CBIT	Registrations from Other Institutions	Fund received from the Registrations
1.	Levitation (Paper Presentation)	19	16	3	8800
2.	Project expo	14	11	3	6200
3.	CODFIESTA	24	14	10	1590
4.	E-CONCORENZZA	21	20	1	1940
5.	ELECTROBLISS	41	37	4	2950
6.	ELECTROCENTRIC	45	42	3	3090
7.	ELECTROCRIC	50	49	1	2500
8.	ELECTROHUNT	34	32	2	2960
9.	ELECTRUZZLE	15	12	3	570
10.	FUNECTRON	25	22	3	1360
11.	FUN'SPARK	25	23	2	1820
12.	INVENTRIX	25	16	9	1670
13.	ELECTROMAZE	22	21	1	1730



**6. FEEDBACK**

- The events were well planned and executed, maybe the organisers have to work a little on publicity and make the events a little more interesting!

**7. SPONSORS AND PARTNERS-**

S.No.	Name of the Company	Contact person of the Company	Mobile number	Email id	Transaction Reference Number	Date of Transaction	Sponsored Amount
1	SBN Hostels	Kaku Madhusudhan	9052345199	-	405160370578	20-02-2024	10,000
2	VSL Hostels	Sara Subbaiah	8106441869	-	T2402202102523585907524	20-02-2024	2,000
3	AMR EDTECH	Manikanta	6309616723	amudala.manikanta@gmail.com	405280813537	21-02-2024	5,000
4	Movie-Pottelu	Suresh	9663766770	Suresh.sadige@gmail.com	405401743426	23-02-2024	50,000
						<b>Total Amount</b>	67,000

**SPONSORS LOGOS:**

**AMR EDUTECH**





**CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY**

An Autonomous Institute | Affiliated to Osmania University  
Kokapet Village, Gandipet Mandal, Hyderabad, Telangana-500075. www.cbif.ac.in



COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

**45**  
years

## SBN Hostels



## Vasantha Lakshmi Womens PG Hostel





## 8. CONCLUSIONS

The two day fest came to a memorable end with the valedictory program. The valedictory started at 03:00PM, on Day-2 (27-02-2024), in Room L-202. The program is graced by the presence of our beloved Professor & Head Department of EEE, Dr. M. Balasubba Reddy, Faculty coordinators, Student coordinator and the charming event organizers, volunteers and participants. The program has begun by welcoming the HOD sir, Faculty coordinators on to the dais. Our student coordinator Ms. J. Akshaya, addressed the gathering by giving a brief overview of the entire fest. She spoke about all preparatory activities which are done for smooth conduction of all the events. She mentioned all behind the scene activities and the people who worked at the back end in making the fest such successful. She shared his experience and the major take away that everyone can get by organizing and participating in such technical events.

Then our Faculty coordinator Sri. C. Srisailam have presented a detailed report about the ELECTRET 2024. He spoke about all the details of the events conducted and mentioned the number of registrations and participants. Boosted all the organizers and participants with his beautiful words and appreciation.

Then the program followed with prize distribution to the winners of the events and then the making video of ELECTRET 2024 is presented to HOD and all the audience.

This pleasant evening of satisfaction and fulfillment have come to an end after presenting the vote of thanks by our Faculty coordinator Dr. B. Krishna Chaitanya.



**Annexures:**

a) Event-wise participants' registration details

Separate document is attached

b) Departmental Techfest posters.



c) Any other relevant information/document: -

**Income Generated:**

S.No.	Name of the Event / Sponsors	Description	Income in Rs	Remarks
1	Levitation	-	8800	-
2	Project expo	-	6200	-
3	Codefiesta	-	1590	-
4	E-Concorenzza	-	1940	-
5	Electrobliss	-	2950	-
6	Electrocentric	-	3090	-
7	Electrocric	-	2500	-
8	Electrohunt	-	2960	-
9	Electromaze	-	1730	-
10	Electruzzle	-	570	-
11	Funectron	-	1360	-
12	Fun'Spark	-	1820	-
13	Inventrix	-	1670	-
		<b>Total</b>	<b>Rs.37,180</b>	

**Expenditure:**

S.No.	Items	Description	Expenditure Amount in Rs.
1	-	Levitation	3900
2	-	Project expo	4300
3	-	Codefiesta	1300
4	-	E-Concorenzza	1720
5	-	Electrobliss	2320
6	-	Electrocentric	2510
7	-	Electrocric	2126
8	-	Electrohunt	2100
9	-	Electromaze	1615
10	-	Electruzzle	550
11	-	Funectron	1359
12	-	Fun'Spark	1650
13	-	Inventrix	1400
		<b>Total</b>	<b>Rs.24,750</b>

**Total Income** : Rs.37,180  
**Total Expenditure** : Rs.24,750  
**Balance Amount** : Rs.12,430



# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

An Autonomous Institute | Affiliated to Osmania University  
Kokapet Village, Gandipet Mandal, Hyderabad, Telangana-500075. www.cbti.ac.in



COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

**45**  
years





# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

An Autonomous Institute | Affiliated to Osmania University  
Kokapet Village, Gandipet Mandal, Hyderabad, Telangana-500075. www.cbif.ac.in

Approved by 	National Board of Examinations 	Program Accredited by 	Grade A++ in 	AI India Rating 100-200 Band 	ISO Certified 
Quality Audit: 2021 - 2024	Green Audit: 2021 - 2024	Energy Audit: 2021 - 2024			

COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

# 45

years





# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

An Autonomous Institute | Affiliated to Osmania University  
Kokapet Village, Gandipet Mandal, Hyderabad, Telangana-500075. www.cbii.ac.in



COMMITTED TO RESEARCH, INNOVATION AND EDUCATION

# 45

years







# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

An Autonomous Institute | Affiliated to Osmania University

Kokapet Village, Gandipet Mandal, Hyderabad, Telangana-500075. www.cbii.ac.in



COMMITTED TO RESEARCH, INNOVATION AND EDUCATION

45 years





# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

An Autonomous Institute | Affiliated to Osmania University  
Kokapet Village, Gandipet Mandal, Hyderabad, Telangana-500075. www.cbti.ac.in

Approved by: National Board of Examinations: Program Accredited by: Grade A++ in: 45 India Ranking (2023-24) ISO Certified by: Quality Audit: 2021 / 2022  
Process Audit: 2021 / 2022  
Energy Audit: 2021 / 2022

COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

45  
years





# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

An Autonomous Institute | Affiliated to Osmania University  
Kokapet Village, Gandipet Mandal, Hyderabad, Telangana-500075. [www.cbif.ac.in](http://www.cbif.ac.in)

Approved by: National Board of Technical Education (NBTE) | Program Accredited by: NAAC | Grade A++ in: NIRF | ISO 9001:2015 Certified | Quality Audit: 2021-2022 | Process Audit: 2021-2022 | Energy Audit: 2021-2022

COMMITTED TO RESEARCH, INNOVATION AND EDUCATION

# 45

years





# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

An Autonomous Institute | Affiliated to Osmania University  
Kokapet Village, Gandipet Mandal, Hyderabad, Telangana-500075. www.cbti.ac.in



COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

45  
years



Gandipet, Telangana, India

CIVIL BLOCK, CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY, CBIT Rd

Number 5, Kokapet, Gandipet, Hyderabad, Telangana 500075, India

Lat 17.391213°

Long 78.319018°

27/02/24 03:35 PM GMT +05:30



Google



# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

An Autonomous Institute | Affiliated to Osmania University

Kokapet Village, Gandipet Mandal, Hyderabad, Telangana-500075. www.cbif.ac.in



COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

45  
years

**C. Srisailam**  
Faculty Coordinator  
Contact: 9039714123

**Dr. B. Krishna Chaitanya**  
Faculty Coordinator  
Contact: 9989302402

**Dr. M. Balasubba Reddy**  
Head, Dept. of EEE