

ECE Department

Students participated @ in KRITHOATHON 3.0 organized by KRITHOMEDH, Department of CSE - AIML & IoT, VNRVJIET, Hyderabad from 25th - 26th April, 2025. One Student from our college along with the students of CBIT has participated in the event. The team has received **First Prize** with a **Cash Prize of Rs. 12,500/- (Rupees Twelve Thousand Five Hundred only)** in the competition.

Team: 404 CREW

Students details:

- PRANAV ADEPU, 2nd Year ECE, 23R11A0497





VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI
INSTITUTE OF ENGINEERING AND TECHNOLOGY

Department of CSE - AIML & IoT



KRITHUATHON 3.0

Powered by Utopia

CERTIFICATE OF MERIT

This certificate is awarded to



Pranav Arapu

for securing 1st place in KRITHUATHON 3.0 held on 26th to 28th April 2023 organized
by KRITHUATHON 3.0

Dr. V. S. Ravi Varma
Principal
Department of CSE - AIML & IoT

Dr. V. S. Ravi Varma
Associate Professor
Department of CSE - AIML & IoT

Dr. V. S. Ravi Varma
Associate Professor
Department of CSE - AIML & IoT

Dr. V. S. Ravi Varma
Associate Professor
Department of CSE - AIML & IoT



AY 2024-25

Students participated @ in a 11th National Level Startup Summit - STARTUPEDIA'25 organized by E-Cell at Institute of Public Enterprise, Hyderabad from 20th - 21st March, 2025. Two teams participated in the event. One Team from ECE received **First Prize** in the competition.

Title: IoT Battery System

Students details:

- T.GIRISH KUMAR, 2nd Year ECE, 23R11A0496
- DHARAVATH NAVEEN, 2nd Year ECE, 23R11A0458





AY 2024-25

Students participated @ in SUDHEE 2025 conducted at Department of ECE, Chaitanya Bharati Institute of Technology, Hyderabad from 4th - 5th March, 2025. One Student from ECE received **Best Paper** from Professor A.D.Sarma Garu, Advisor R&D.

Title: Recognition of Voice Signals from a Noisy Environment

Students details:

- Thummalapalli SSRSB Hari Teja, ECE-4C, 21R11A04E7



Final Year Student: Raghavendra Reddy bearing Roll Number 21R11A0415 has published an article in Electronics For You Express Magazine with the Title: **Human Safety Device - to monitor Kids, Elderly and Sick** in the month of February, 2025.

Link to View the Article:

<https://drive.google.com/file/d/1RLixmaf2fbo8ZzzPx6E7Bkc5G9hFayti/view?usp=sharing>




HUMAN SAFETY DEVICE

To Monitor Kids, Elderly, And Sick

RAGHAVENDRA REDDY JAKKIDI

This human safety device offers a compact, reliable solution for detecting, monitoring, and responding to emergencies involving vulnerable individuals. Built using an IndusBoard Coin, it addresses the urgent need for immediate assistance, particularly for the elderly, children, and those with medical conditions.

The device integrates a MEMS sensor for fall detection, a temperature sensor for health monitoring, and GPS and GSM modules for location tracking and communication. Automatic and manual response capabilities enhance its effectiveness. The MEMS sensor identifies falls or sudden movements, sending alerts with GPS coordinates and sensor data to emergency contacts via SMS. The temperature sensor triggers alerts for abnormal readings, potentially indicating a health crisis. An emergency button allows manual alert activation, ensuring user control in critical situations.

The GSM module ensures alerts are delivered via SMS even in areas without internet connectivity, making it suitable for remote and outdoor locations. Despite dependencies on GSM network coverage and battery life, the device represents a



Fig. 1: Author's prototype

ALERT:FALL AT LOCATION: <https://www.google.co.in/maps/place/17.52115,78.63043>

ALERT:EMERGENCY AT LOCATION: <https://www.google.co.in/maps/place/17.52114,78.63033>

ALERT:HIGH TEMPERATURE AT LOCATION: <https://www.google.co.in/maps/place/17.52112,78.63041>

significant advancement in personal safety. Future iterations could incorporate additional sensors, wearable designs, and a mobile app for real-time tracking and control.

Harnessing advanced sensor and communication technologies, this device delivers a vital layer of security. Fig. 1 shows the prototype, Fig. 2 illustrates the block diagram, and required components are detailed in the Bill of Materials table.

Components	Quantity
IndusBoard Coin	1
SIM800L GSM module	1
U86 GPS module	1
Buzzer	1
Switch (optional)	1
3.3V or 3.7V battery	1

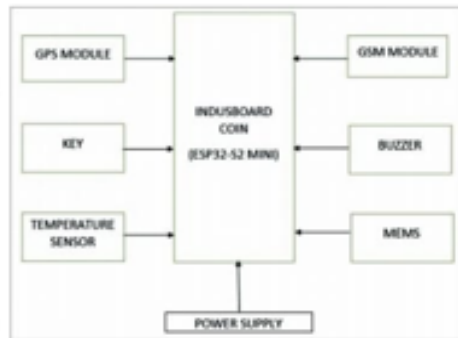


Fig. 2: Block diagram

Raghavendra Reddy Jakkidi is pursuing BTech in Electronics and Communication Engineering at Geethanjali College of Engineering and Technology, Hyderabad. He developed this project under the guidance of Dr P. Sudhakar (an Associate Professor at the same college).



THIS WAS JUST AN EXTRACT.

For full content read ezine edition of Electronics For You.

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AY 2024-25

Students participated @ in a Startup Pitch Competition 2025 conducted at VNR VJIE, Hyderabad from 24th January, 2025. One Team from ECE got shortlisted and participated in the event and received **First Prize** in the competition and **WON cash prize of Rs. 25,000/-**.

Title: Advanced Garbage Monitoring system

Faculty Mentor: Dr. G.Vallathan and Mr. M.Anand

Students details:

- T.GIRISH KUMAR, 2nd Year ECE, 23R11A0496
- T.BALADITYA, 2nd Year ECE, 23R11A0495



Dr. G. Sreelakshmi, Head of the Department, Dr. P.Vijai Bhasker, Dean Academics and Professor O.V.P.R. Siva Kumar has appreciated the students on their achievement.



AY 2024-25

Students participated @ Nexora'25 organized by G. Narayanamma Institute of Technology, Shaikpurt, Hyderabad on 23rd January, 2025. Two Teams from ECE participated in the Poster Presentation Event. One team received **Second Prize** in the competition.

Poster Presentation Topic: Wireless Technology

Students details:

- A. SANJANA DEVI , 3rd Year ECE, 22R11A0449
- KANDUKURI AISHWARYA, 3rd Year ECE, 22R11A0471



AY 2024-25

Students participated @ in a Mat Hack 2024 conducted at BVRIT, Hyderabad from 29th - 30th November, 2024. One team from ECE participated in the event and won First Prize in the competition.

Faculty Mentor: Dr. G.Vallathan

Students details:

- T. HARI HARA VINAY, 2nd Year ECE, 24R15A0420
- M. SRIKAR, 2nd Year ECE, 24R15A0411
- K. HIHAZ AKMAL, 2nd Year ECE, 24R15A0408

Winners: Cash Prize of Rs. 8000/-



VISHNU
BVRIT Hyderabad
MATLAB Chapter
presents

MAT HACK 2024
A MATLAB HACKATHON

IEEE ComSoc
MATLAB

29th & 30th Nov, 2024
10:00 AM to 4:00 PM
Team size 3 or 4
Per team
IEEE-399/-
Non IEEE-499/-

Register Now!!

Faculty Coordinators:
Dr. V. Sandhya Kumar-9618106080
Dr. R. Vinayashree-9681733567
Student Coordinators:
Ms. P. Umamaheshwari-9701513231
Ms. K. Geethika Choudhary-9401121743

AY 2024-25

Students participated @ in a Hackathon conducted at Vasavi Engineering College, Hyderabad from 20th September, 2024. Two teams from ECE have Participated in the event and One Team has Won Second Prize in the competition. For this event around 200+ teams have participated Nationwide.

Theme: Clean and Green Energy

Title: Advanced IoT Garbage Monitoring system

Faculty Mentor: Dr. G.Vallathan

Students details:

- T.GIRISH KUMAR, 2nd Year ECE, 23R11A0496
- T.BALADITYA, 2nd Year ECE, 23R11A0495
- D.TARUN, 2nd Year ECE, 23R11A0460
- B.NARENDRA (DS-2D)

Winners: Cash Prize of Rs. 7000/-





VASAVI COLLEGE OF ENGINEERING (A)

ACCREDITED BY NAAC WITH 'A++' GRADE
IBRAHIMBAGH, HYDERABAD, TELANGANA - 500031



CERTIFICATE OF MERIT

This is to certify that

GIRISH GUPTA (4CET)

who has secured **2nd** position in **CLEAN and GREEN TECHNOLOGY** theme in the **INNOVASIA 2K24 - National Level Hybrid Hackathon**, held at Vasavi College of Engineering, conducted by the Department of Computer Science and Engineering from 15th to 16th November, 2024.

T. Adilakshmi

Dr. T. ADILAKSHMI
HEAD OF CSE

Dr. S. V. Ramana

Dr. S. V. RAMANA
PRINCIPAL



VASAVI COLLEGE OF ENGINEERING (A)

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CERTIFICATE OF MERIT

This is to certify that

BALADITYA (4CET)

who has secured **2nd** position in **CLEAN and GREEN TECHNOLOGY** theme in the **INNOVASIA 2K24 - National Level Hybrid Hackathon**, held at Vasavi College of Engineering, conducted by the Department of Computer Science and Engineering from 15th to 16th November, 2024.

T. Adilakshmi

Dr. T. ADILAKSHMI
HEAD OF CSE

Dr. S. V. Ramana

Dr. S. V. RAMANA
PRINCIPAL



VASAVI COLLEGE OF ENGINEERING (A)

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CERTIFICATE OF MERIT



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INNOVASIA 2K24 - National Level Hybrid Hackathon, held at Vasavi College of
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from 15th to 16th November, 2024.

T. Adilakshmi

Dr. T. ADILAKSHMI
HEAD OF CSE

Dr. S. V. Ramana

Dr. S. V. RAMANA
PRINCIPAL

AY 2024-25

Students participated @ Poster Presentation on "Generative AI in Electronics" organized by ISTE Student Branch, Department of ECE, Geethanjali College of Engineering and Technology, Hyderabad from 20th September, 2024.

Team members:

Winners: Cash Prize of Rs. 1000/-

- T.Bala Adhitya - 23R11A0495(ECE-2B)
- M. Ajith kumar-23R11A0479(ECE-2B)
- T. Girish-23R11A0496(ECE-2B)



Runner: Cash Prize of Rs. 500/-

Madhumitha-23R11A04D9(ECE-2C)

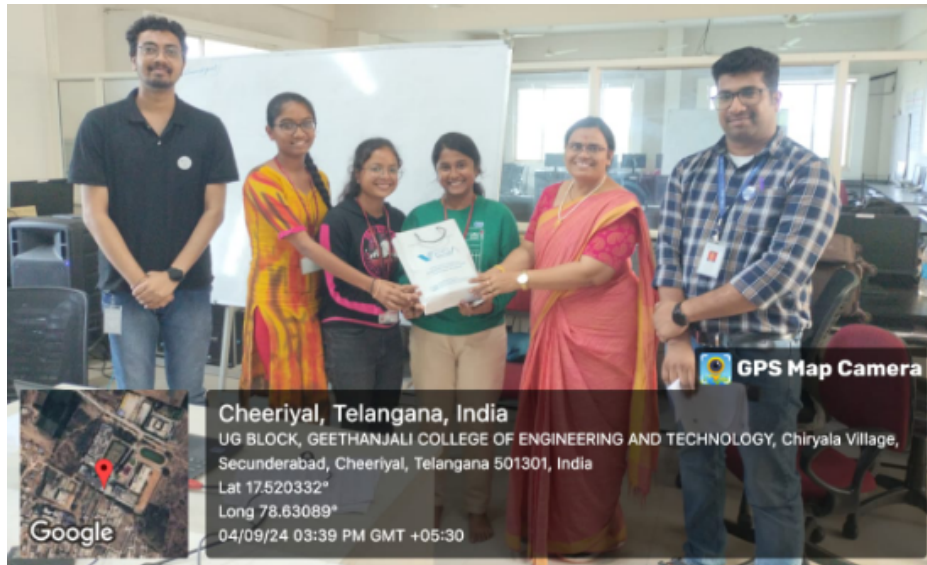


AY 2024-25

Students participated @ Workshop on "Vega Processor and Its Applications" organized by Department of ECE under CoE ES &IoT and C-DAC Trivandram, Geethanjali College of Engineering and Technology, Hyderabad from 2nd - 6th September, 2024.

Team members: Won Prize from C-DAC for Best Presentation for Problem Statements.

1. K Varshitha, 3rd Year ECE Student. 22R11A04B9
2. Yashika Agarwal, 3rd Year ECE Student. 22R11A04K2
3. Kodidala Santhoshi, 3rd Year ECE Student. 22R11A04G5



AY 2023-24

Students participated @ “Ideathon” organized by Presidency University, Bangalore on 30th May, 2024. They got the opportunity to work in the Launchpad Incubation Center, Presidency University, Bangalore.

Team members:

1. Priyanka Singh, 2nd Year ECE Student. 22R11A0440
2. Yashika Agarwal, 2nd Year ECE Student. 22R11A04K2





PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956
Approved by AICTE, New Delhi | Approved By BCI

CERTIFICATE OF PARTICIPATION

This is to certify that Priyanka Singh of Geethanjali College of Engineering and Technology has participated in the **IDEATHON-Innovation Business Plan Competition-2024** on May 30th, 2024 organised by School of Management, Presidency University, Bengaluru.

Dr. Prema Sankaran
Associate Dean, SOM

Dr. Prachi Beriwal
Assistant Dean, SOM

Dr. K. Srinivasan
Dean - SOM

Dr. Yallati Venkata Rangaiah
Convener - Ideathon



PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956
Approved by AICTE, New Delhi | Approved By BCI

CERTIFICATE OF PARTICIPATION

This is to certify that Yashika Agarwal of Geethanjali College of Engineering and Technology has participated in the **IDEATHON-Innovation Business Plan Competition-2024** on May 30th, 2024 organised by School of Management, Presidency University, Bengaluru.

Dr. Prema Sankaran
Associate Dean, SOM

Dr. Prachi Beriwal
Assistant Dean, SOM

Dr. K. Srinivasan
Dean - SOM

Dr. Yallati Venkata Rangaiah
Convener - Ideathon

AY 2023-24

Students participated @ “Azura 2K24” organized by CMR College, Hyderabad on 6th April, 2024. They have received the **Second Prize** for **Project Expo**.

Team members:

- ❖ Sreeja Mandava -21R11A0428
- ❖ J. Siddhu-21R11A0417.



AY 2023-24

Students participated @ “Daksha 3.0” organized by Anurag University, Hyderabad on 23rd - 24th February, 2024. They have received the **First Prize** (Cash Prize of Rs. 1000/-) for **Debate** Competition Organized by the Data Science Department and **Runner** (Cash Prize of Rs. 500/-) for **Start-Up-Plan** Competition Organized by the SOM Department.

Team members:

- ❖ Priyanka Singh, 2nd Year ECE Student, 22R11A0440
- ❖ D. Sreeja Reddy, 2nd Year CSE Student.



AY 2023-24

Students participated @ “ABHIGNYAN 2023 Ideathon” organized by Entrepreneurship Development, Matrusri Engineering College, Hyderabad on 6th January, 2024. They have received the first prize of a cash prize of Rs. 2500.

Idea: Theme “Clean Tech”

Faculty Mentor: Dr. G.Vallathan

Team members:

- ❖ Priyanka Singh, 2nd Year ECE Student, 22R11A0440
- ❖ D. Sreeja Reddy, 2nd Year CSE Student.



AY 2023-24

Students participated @ Innovators Challenge 2023 at NIET, Greater Noida on 20/11/2023

Idea: *Smart Bogie Waste Management System with Platform Extension using STM 32 IoT Kit*

Faculty Mentor: Dr. G.Sreelakshmi

Team members:

❖ P.Uday kiran

❖ G.Anusha

❖ K.Bhavya

❖ P.Priyanka



AY 2023-24

SPORTS

Students participated @Ekalavya 2023, Inter-Collegiate Sports Meet at Mahatma Gandhi Institute of Technology, Hyderabad from 13th - 15th October, 2023.

GCET College Team are RUNNER UPS in Cricket.



MAHATMA GANDHI
INSTITUTE OF TECHNOLOGY (Autonomous)
Mahatma Nagar, Gachibowli, Hyderabad - 500032, www.mgit.ac.in

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EMPOWER YEARS

INTER-COLLEGIATE SPORTS MEET

13,14&15 October,2023

BOYS
CRICKET
VOLLEY BALL
BASKET BALL

GIRLS
THROW BALL
VOLLEY BALL
BASKET BALL



EKALAVYA
2023

Entry fee
Cricket-2500/-
Basketball-2000/-
Volleyball-2000/-
Throwball-1500/-

Venue : Mahatma Gandhi Institute of Technology

Sports Commiser
Dr.M.Burraiah - 9847811740
Dept Of Physical Education, MGIT

Last date for registration
10 October,2023

Exciting Prizes

Student Co-ordinators
1.K.Jathin- 6309286846
2.Tapan - 7569091982
3.Abhiraani- 9188210220
4.Lasya- 9642701134

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EKALAVYA
2023

EKALAVYA 2023 INTERCOLLEGIATE SPORTS MEET

RULES & REGULATIONS

- Every participant should bring their Identity cards and Bonafide signed by the head of the institution.
- It is strictly for Engineering college students. Only B.E./B.Tech students are allowed to participate.
- Students who are currently in detention are not allowed to participate.
- We are not responsible for any loss belongings.

CRICKET RULES

1. Id cards are mandatory for every player who is playing



AY 2023-24

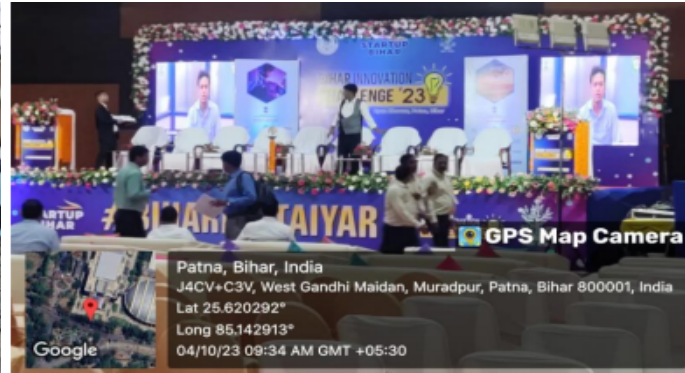
Students participated @ Bihar Innovation Challenge 2023 at STARTUP BIHAR, Department of Industries, Government of Bihar, Bihar, India on 4th - 5th October, 2023

Idea: *Project Vega*

Faculty Mentor: Dr.G.Vallathan

Team members:

- ❖ M.Rohit, 21R11A0483, ECE -3B
- ❖ D.Rafi, 21R11A0460, ECE -3B
- ❖ Md.Arif, 22R15A0412, ECE -3B



Participant Name	#Rank	Points
Project Vega.	# 29	20
715898-UW864FZ3	# 29	20
Challenegrs	# 29	20
TEAM EMOSENSE	# 29	20
Alzheimer's AID	# 29	20

Note: Finally our college position in BIC is 29 out of 500+ teams.

ECE Department

AY 2022-23

SPORTS

Students participated @in the National Level Inter-College Sports Tournament held during Ashwatthama 2K22, conducted by Sports Club SNIST, at Sreenidhi Institute of Science and Technology, Hyderabad from 21st - 24th November, 2022.

GCET College Team Secured 2nd Place in TABLE TENNIS

