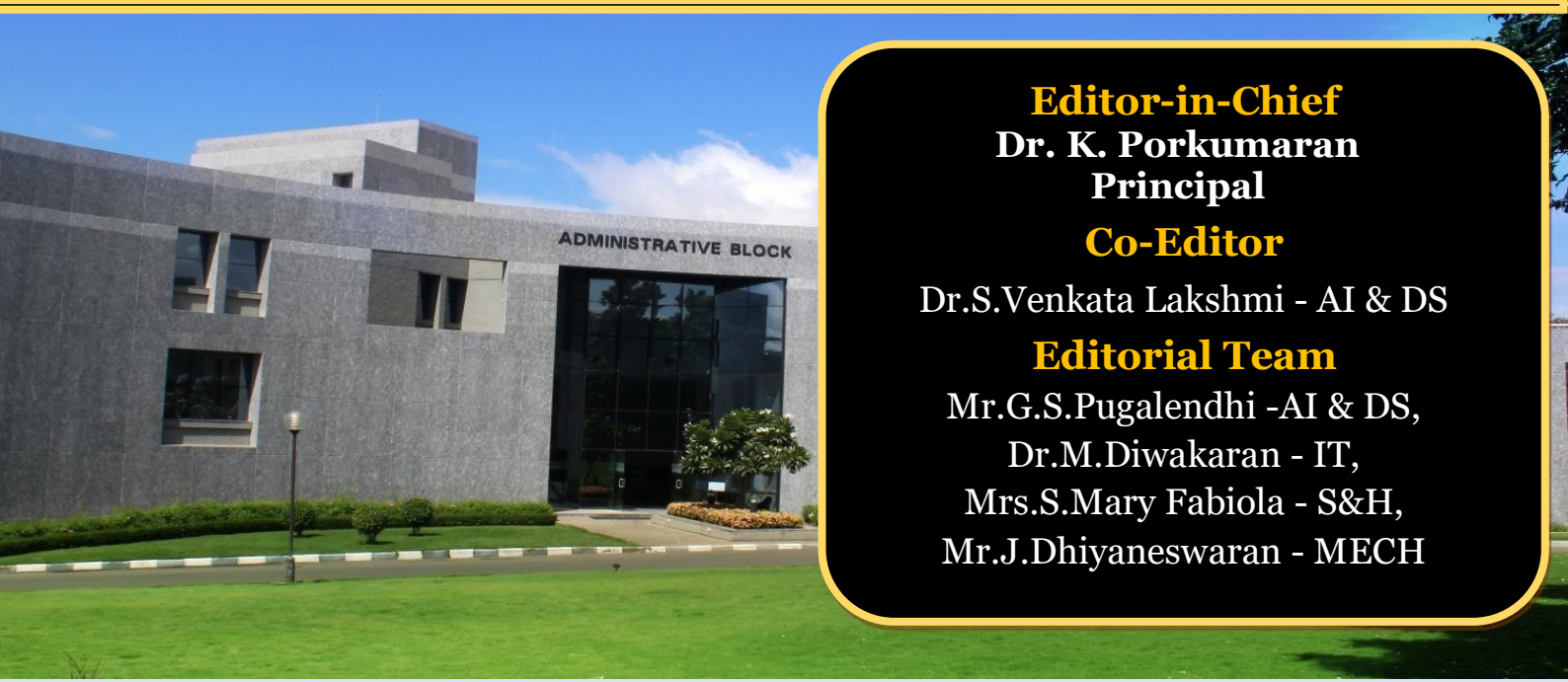
# SKCET Buzz

08th - 14th February 2025

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SKCET BUZZ

| | | | |
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| 1 | **B.Tech Artificial Intelligence and Data Science**<br>**Mr. G.S. Pugalendhi** | **B.E Electrical and Electronics Engineering**<br>**Mr. R.Kavin** | 7 |
| 2 | **B.Tech Information Technology**<br>**Dr. S. Deepa Kanmani** | **B.E Electronics and Communication Engineering**<br>**Mr. R.Sarath Kumar** | 8 |
| 3 | **B.E Civil Engineering**<br>**Mr. R. Vighnesh** | **B.E Mechanical Engineering**<br>**Dr. S. Balamurugan** | 9 |
| 4 | **B.E Computer Science and Design and M.Tech Computer Science and Engineering**<br>**Mr. Sreeraj S Nair** | **B.E Mechatronics Engineering**<br>**Ms. R.Priyadharshini** | 10 |
| 5 | **B.E Computer Science and Engineering**<br>**Dr. V. K. Reshma** | **Department of Science & Humanities**<br>**Dr. T. Anitha** | 11 |
| 6 | **B.E Computer Science and Engineering (Cyber Security) and B.Tech Computer Science and Business Systems**<br>**Ms. Mary Ani Reka** | **Master of Business Administration (MBA)**<br>**Dr. R. Suyam Praba** | 12 |

## STUDENT COORDINATORS

| | | | |
|---|---|---|---|
| 13 | **B.Tech Artificial Intelligence and Data Science, Second Year, Section B**<br>**V. Vasusudhan** | **B.Tech Artificial Intelligence and Data Science, Third Year**<br>**R.A. Kaniga** | 14 |
| 15 | **B.E Mechanical Engineering, Second Year, Section A**<br>**R. Raja Gopal** | | |

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# INSTITUTIONAL EVENTS

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# SKCET | UYIR ROAD SAFETY HACKATHON 2025

The grand inauguration of Uyir Road Safety Hackathon 2025 began with a ribbon-cutting ceremony by **Thiru. Kranthi Kumar Pati, I.A.S., District Collector, Coimbatore**, marking the commencement of this groundbreaking initiative in the presence of **Smt. S. Malarvizhi – Chairperson & Trustee, SKI, UYIR & Project Incharge, Hackathon**. Adding to the prestige of the event, we were honored to have a distinguished panel of eminent leaders and change makers as our Guests of Honour:

- Thiru A. Saravana Sundar, I.P.S. – Commissioner of Police, Coimbatore City
- Thiru K. Karthikeyan, I.P.S. – Superintendent of Police, Coimbatore District
- Thiru M. Sivaguru Prabakaran, I.A.S. – Commissioner, Coimbatore Corporation

# SKCET | UYIR ROAD SAFETY HACKATHON 2025

Innovators, problem-solver and tech enthusiasts signed up with unstoppable energy, eager to revolutionize road safety with groundbreaking solutions. The overwhelming enthusiasm reflected the participants' commitment to leverage technology for a safer future on the roads.

# SKCET | UYIR ROAD SAFETY HACKATHON 2025

The UYIR Road Safety Hackathon 2025 witnessed an inspiring display of innovation and technology-driven solutions as esteemed dignitaries explored the participants' groundbreaking projects aimed at transforming road safety.

**Thiru. Kranthi Kumar Pati, I.A.S. – District Collector, Coimbatore**
**Thiru A. Saravana Sundar, I.P.S. – Commissioner of Police, Coimbatore City**
**Thiru M. Sivaguru Prabakaran, I.A.S. – Commissioner, Coimbatore Corporation**
**Smt. S. Malarvizhi – Chairperson & Managing Trustee, SKI; Trustee, UYIR & Project Incharge, Hackathon**

Their keen insights and encouragement fueled the enthusiasm of the participants, who showcased revolutionary, theme-based innovations set to redefine road safety.

# SKCET | UYIR ROAD SAFETY HACKATHON 2025

Esteemed panel members **Mr.Manuneethi, DE, Road Safety, Mr.Sathyakumar, RTO, Central Coimbatore, Mr.MariSaminthan, NIT, Trichy** and **Mr.Cyril Santosh, CIT, Coimbatore** shared their valuable insights and provided crucial guidelines to be followed throughout the two-day UYIR Road Safety Hackathon 2025. Their expertise and strategic direction set the stage for an immersive and impactful innovative journey. With their guidance, participants were well equipped to collaborate, ideate and develop transformative solutions for road safety.

# SKCET | UYIR ROAD SAFETY HACKATHON 2025

Sri Krishna Hall was charged with innovation and excitement as brilliant young minds from across the country presented their groundbreaking solutions to real-world road safety challenges. Judges and experts witnessed a showcase of creativity, technology and problem-solving at its finest, where every idea has the potential to make a real impact.

# SKCET | UYIR ROAD SAFETY HACKATHON 2025

**"A Perfect Blend of Art & Awareness at UYIR Road Safety Hackathon!"**

Amidst the intense brainstorming and innovation, the UYIR Road Safety Hackathon brought a refreshing twist with power-packed mime performances. These captivating acts not only provided a well-deserved break for the participants but also delivered powerful messages on road safety, leaving a lasting impact on the audience.

# SKCET | UYIR ROAD SAFETY HACKATHON 2025

The Uyir Road Safety Hackathon 2025 has reached the Presentation Round after a highly competitive evaluation process. The brightest minds have navigated multiple stages, presenting groundbreaking innovations in road safety.

**The jury members:**

- Mr. Manuneethi, Divisional Engineer - Road Safety
- Mr. Sathyakumar, RTO (Central), Coimbatore
- Mr. Mari Saminathan, NIT, Trichy
- Mr.Cyril Santosh, CIT, Coimbatore
- Mr. Navin Ganesh, PSG ITech, Coimbatore.

# SKCET | UYIR ROAD SAFETY HACKATHON 2025

The innovative ideas and prototypes were much appreciated by **Thiru. M. Sivaguru Prabakaran I.A.S.,** Commissioner, Coimbatore Corporation, **Dr. S. Rajasekaran,** Managing Trustee of UYIR, **Mr. Manuneethi, Divisional Engineer** - Road Safety who were accompanied by **Dr. K. Porkumaran**, Principal, SKCET.

# SKCET | UYIR ROAD SAFETY HACKATHON 2025

The **Valedictory Ceremony** of the **Uyir Road Safety Hackathon 2025** was a momentous occasion, graced by esteemed dignitaries. The event commenced with **Thiru. V. Senthil Balaji, Honourable Minister** for Electricity and Prohibition & Excise, Government of Tamil Nadu, as the Chief Guest.

**Guests of Honour:**

- **Thiru. Kranthi Kumar Pati, I.A.S**., District Collector, Coimbatore
- **Thiru. A. Saravana Sundar, I.P.S**., Commissioner of Police, Coimbatore
- **Thiru. M. Siva Guru Prabhakaran, I.A.S.,** Commissioner, Coimbatore Corporation
- **Dr. S. Rajasekaran, Managing Trustee, Uyir**
- **Smt. S. Malarvizhi, Chairperson, SKI and Trustee**, Uyir Project Incharge.

The distinguished guests honored the occasion with their presence, emphasizing the importance of road safety and innovation in fostering a safer future.

# SKCET | UYIR ROAD SAFETY HACKATHON 2025

**Dr. Rajasekaran**, the visionary Managing Trustee and Convener of Uyir, delivered a powerful and inspiring welcome address, setting the stage for an impactful gathering.

# SKCET | UYIR ROAD SAFETY HACKATHON 2025

**Smt.S. Malarvizhi, Chairperson and Managing Trustee,** Sri Krishna Institutions delivered an inspiring address about the Uyir Road Safety Hackathon, highlighting its journey from inception to becoming a groundbreaking initiative. She emphasized its transformative impact in fostering innovation, collaboration and community-driven solutions for road safety. Her speech resonated with the audience, showcasing how this hackathon has evolved into a powerful movement for a safer tomorrow.

# SKCET | UYIR ROAD SAFETY HACKATHON 2025

The esteemed Guest of Honour **Thiru. Kranthi Kumar Pati, I.A.S.,** District Collector, Coimbatore appreciated the innovative contributions of students and professionals who participated in the hackathon, reinforcing Coimbatore's commitment in becoming a model city for road safety.

# SKCET | UYIR ROAD SAFETY HACKATHON 2025

**Thiru. V. Senthil Balaji, Honourable Minister** for Electricity and Prohibition & Excise, Government of Tamil Nadu, delivered an inspiring address, emphasizing the impact of the Uyir Road Safety Hackathon in revolutionizing road safety and preventing accidents. His powerful words underscored the initiative's crucial role in saving lives and shaping a safer future on our roads.

# SKCET | UYIR ROAD SAFETY HACKATHON 2025

The ceremony reached its pinnacle as the envelopes were opened and the Winners of the professional and student categories were announced.

In **Professional Category** The team from **NexTurn secured the First Prize** along with a cash award of **₹1 lakh**. The **Second Prize** was awarded to the team from **DromoLys Research & Development Pvt. Ltd.,** while the team from **Intel/Dassault Systèmes, Bengaluru, earned the Third Prize.**

In the **Student Category**, the team from **St.Joseph's Institute of Technology, Chennai,** won the **First Prize** with a cash award of **₹1 lakh**. The **Second Prize** went to the student team from **Erode Sengunthar Engineering College**, Perundurai and the team from **Dr. Mahalingam College of Engineering and Technology, Pollachi**, received the **Third Prize**.

Additionally, 18 teams were recognized for their exceptional efforts and were awarded as the Best Projects.

# SKCET | UYIR ROAD SAFETY HACKATHON 2025

Esteemed Guests of Honour **Thiru. A. Saravana Sundar, I.P.S**., Commissioner of Police, Coimbatore and **Thiru. M. Siva Guru Prabhakaran, I.A.S.,** Commissioner of Coimbatore Corporation - graced the event with their insightful addresses. They emphasized the critical importance of road safety and lauded the Uyir Road Safety Hackathon as a groundbreaking initiative, setting a new benchmark in driving innovation and awareness for a safer tomorrow.

# SKCET | UYIR ROAD SAFETY HACKATHON 2025

**Dr. K. Porkumaran**, Principal, Sri Krishna College of Engineering and Technology delivered a heartfelt and inspiring Vote of Thanks, marking the grand conclusion of this impactful initiative. With deep gratitude, he extended his sincere gratitude to all the distinguished dignitaries, eminent panel members and the dedicated team of Uyir NGO for their unwavering commitment to this noble cause.

He also expressed profound thanks to the Government of Tamil Nadu and the Coimbatore Corporation for their invaluable support in making this initiative a resounding success.

**His words resonated with SKCET's unwavering dedication to make impactful societal contributions.**

# SKCET | UYIR ROAD SAFETY HACKATHON 2025

With a collective vision of "**Every Journey Safer,**" SKCET family remains committed to foster advancements that contribute to a smarter, safer and more connected future.

# SKCET | WORKSHOP ON CURRICULUM DESIGN - 2025

Workshop on Curriculum Design – Regulation 2025 was inaugurated at SKCET on 13.2.2025. This workshop is set to redefine the academic framework with cutting-edge strategies and forward-thinking methodologies that align with global educational standards.

**Dr. ESM Suresh**, Head of the Extension Center at NITTTR, Kochi & NITTTR, Chennai. Us the Resource Person of this workshop.

Objectives:

- Future-Ready Education: Equipping SKI with a next-gen curriculum that meets the evolving demands of the industry.
- Institutional Excellence: Strengthening SKI's position as a leader in academic innovation and student empowerment.
- To redefine educational paradigms and lay the groundwork for an impactful Regulation 2025.

# SKCET | WORKSHOP ON CURRICULUM DESIGN – 2025

**SESSION 1**

- The session focused on the Detailed explanation of Curriculum
- Purpose of Education
- Enriching Educational Experience
- Steps involved in Curriculum Design and Development
- Course Prerequisites
- Process for Identifying Curriculum Gap and Bridging
- Programme Educational Objectives (OBE Framework)
- Course Outcomes

**SESSION 2**

- Emphasis was placed on curriculum updates to align with industry trends.
- Interactive discussions encouraged faculty engagement in refining course content.
- Strategies for integrating real-world applications were explored.
- A structured approach was introduced to map courses with global sustainability challenges.
- Focus areas included technological advancements, environmental sustainability, and social impact.

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# HACKATHON ACCOLADES

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# S&H | UYIR ROAD SAFETY HACKATHON PARTICIPATION

Coimbatore Road Safety Model City Project
NATIONAL LEVEL ROAD SAFETY HACKATHON 2025
CERTIFICATE OF MERIT
This certificate of award is presented to Dr. B. RANJITH KUMAR
of SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY,
for having participated in the grand finale under Student Category at National Level Road Safety Hackathon 2025 conducted on 08-09, February 2025 held at Coimbatore.
Dr. S.Rajasekaran, Managing Trustee, UYIR
A. Saravana Sundar, I.P.S., Commissioner of Police, Coimbatore City
Kranthi Kumar Pati I.A.S., District Collector, Coimbatore
Date: 09.02.2025

Coimbatore Road Safety Model City Project
NATIONAL LEVEL ROAD SAFETY HACKATHON 2025
CERTIFICATE OF MERIT
This certificate of award is presented to GANGALAKSHMI RAJA
of SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY,
for having participated in the grand finale under Student Category at National Level Road Safety Hackathon 2025 conducted on 08-09, February 2025 held at Coimbatore.
Dr. S.Rajasekaran, Managing Trustee, UYIR
A. Saravana Sundar, I.P.S., Commissioner of Police, Coimbatore City
Kranthi Kumar Pati I.A.S., District Collector, Coimbatore
Date: 09.02.2025

Coimbatore Road Safety Model City Project
NATIONAL LEVEL ROAD SAFETY HACKATHON 2025
CERTIFICATE OF MERIT
This certificate of award is presented to SWETHA.P
of SRI KRISHNA COLLEGE OF ENGINEERING & TECHNOLOGY,
for having participated in the grand finale under Student Category at National Level Road Safety Hackathon 2025 conducted on 08-09, February 2025 held at Coimbatore.
Dr. S.Rajasekaran, Managing Trustee, UYIR
A. Saravana Sundar, I.P.S., Commissioner of Police, Coimbatore City
Kranthi Kumar Pati I.A.S., District Collector, Coimbatore
Date: 09.02.2025

Students of I year **CSBS** have participated in the grand finale under student category at National Level Road Safety Hackathon 2025 conducted on 8th & 9th February, 2025 at SKCET, Coimbatore.

Team Name: ICE Breakers

Team members:
1. Gangalakshmi Raja
2. Swetha P

Mentor: Dr. B. Ranjithkumar

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# STUDENTS CERTIFICATION

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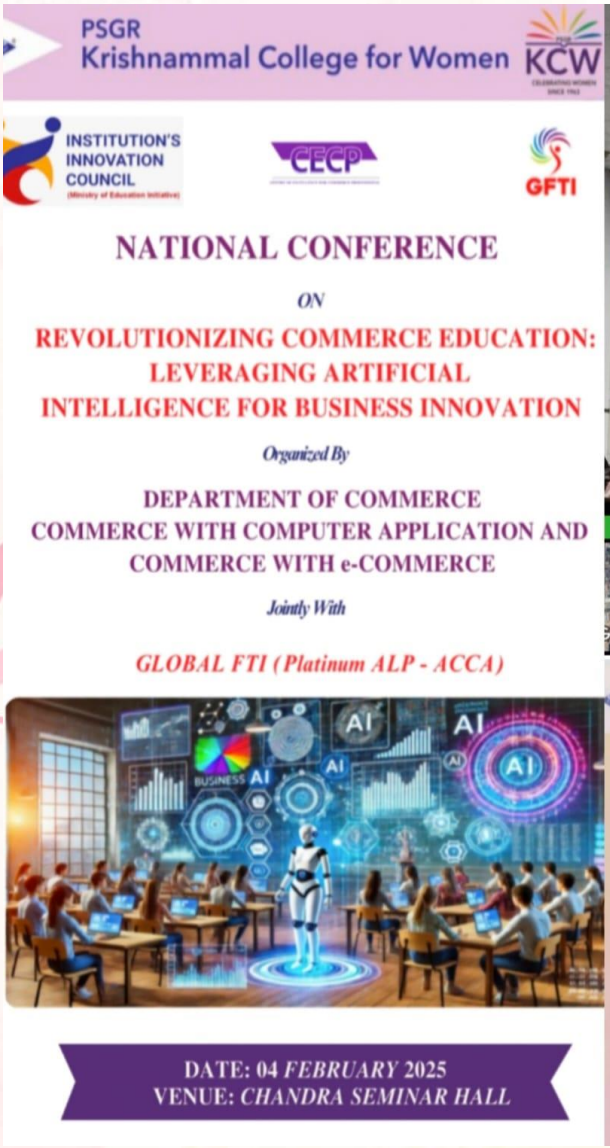
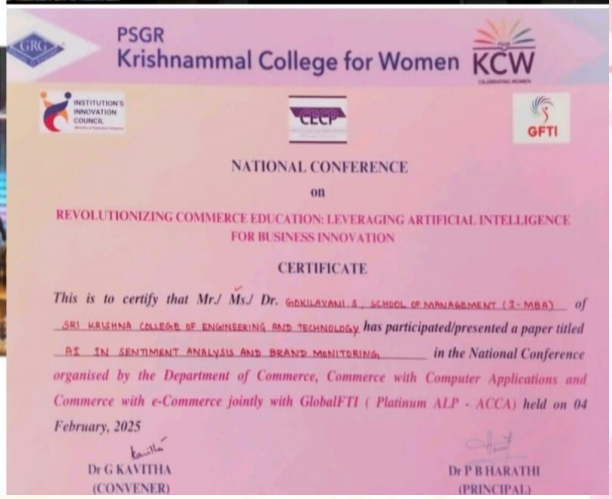
# SOM | PAPER PRESENTATION



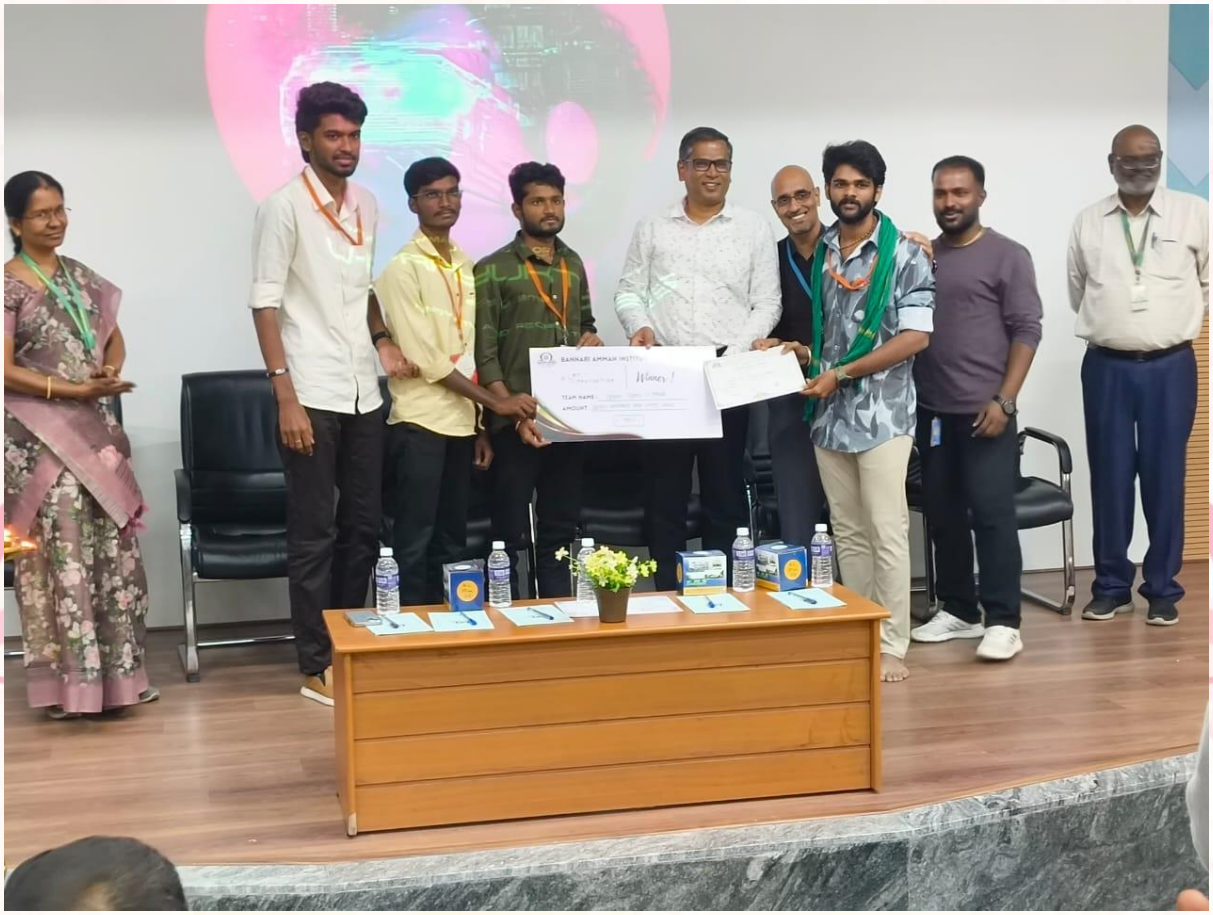



**Gokilavaani S** and **Haritharini S**, students of First year **MBA** presented their research paper on “AI in Sentiment Analysis and Brand Monitoring” at the National Conference on "Revolutionizing Commerce Education: Leveraging Artificial Intelligence for Business Innovation" organized by PSGR Krishnammal College for Women on 4th February 2025. Their research paper stood out among 71 submissions from leading Institutions.

# ECE | STUDENTS ACCOLADES

**Rohithan P.D** student of Third year **ECE** has won Third prize in the paper presentation (KANAM 25) conducted by Dr.NGP Institutions, Coimbatore on 08.02.2025.

# ECE | STUDENTS ACCOLADES

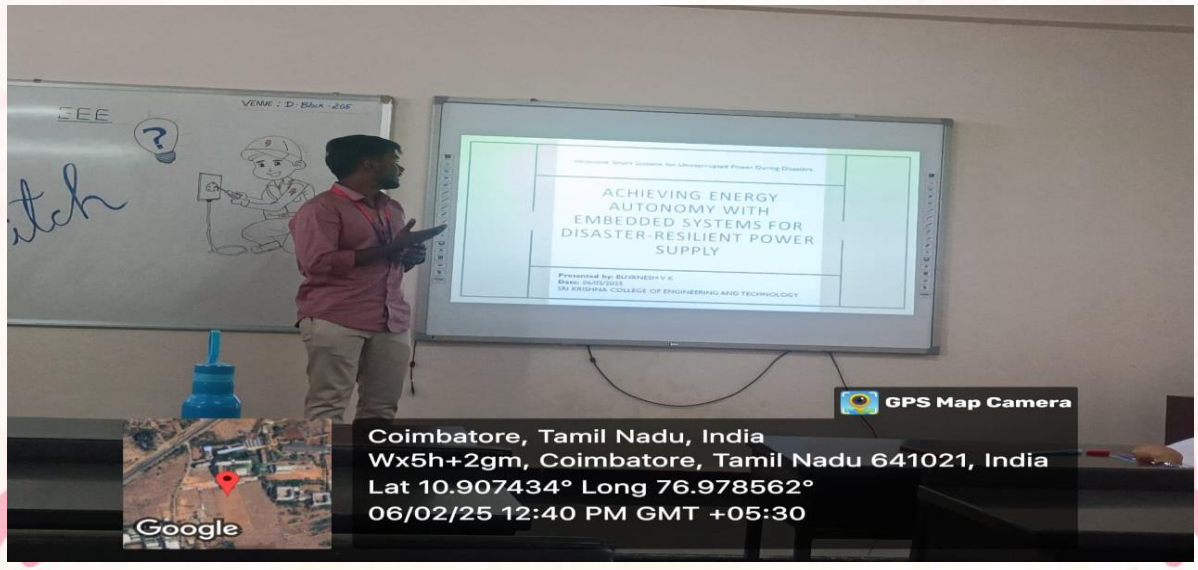


**Sreethar N J**, **Suryakanth R**, **Vishnuprasanth V** and **Rogul Jayaraman** students of Third year **ECE** have won first prize in the Project Presentation (TeenTitans) conducted by the Department of Electronics and Communication Engineering, Bannari Amman Institutions of Technology, Coimbatore on 08.02.2025.

# AI&DS | PAPER PRESENTATION

Students of **Artificial Intelligence and Data Science** **Ranganithilesh R, Rakisha R** and **Kiruthika K** participated in **"Paper Presentation"** event and have won First place and Cash awards organized by Karpagam Institute of technology on 06.02.2025.

# EEE | NATIONAL LEVEL SPORTS, TECHNO & CULTURAL FEST



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This is to certify that BUVANESH. V.K of SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY - COIMBATORE has participated in EEE DEPARTMENT - SLIDE PITCH (PAPER PRESENTATION) ON ENERGY AUTONOMY. at VARNAM'25 (National Level Sports, Techno & Cultural Fest) held on February 06th & 07th, 2025.
CONVENER
PRINCIPAL

**V K Buvanesh,** student of **Second** year EEE-A has participated in **VARNAM'25** - A National Level Sports, Techno & Cultural Fest conducted by Karpagam Institute of Technology, Coimbatore on 06.02.2025.

**Title:** Achieving Energy Autonomy with Embedded Systems for Disaster-Resilient Power Supply

**Event Name:** Paper Presentation

**Mentor Name:**Dr.G.Radhakrishnan, Associate Professor/EEE Department

# AI&DS | INFOSYS CERTIFICATION

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presented to

THARUN KUMAR M

for actively participating and completing the mandatory assignment related to

Internship 5.0 (B2) Route Logic: Smart Logistics Optimization

conducted from October 25, 2024 to December 31, 2024

image not available

Infosys | Springboard

Issued on: Friday, February 7, 2025
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Thirumala Arohi
Executive Vice President and Global Head
Education, Training & Assessment (ETA)
Infosys Limited

**Tharun Kumar M,** student of **Second** year **Artificial Intelligence and Data Science** has completed **"Internship 5.0 (B2) Route Logic: Smart Logistics Optimization"**offered by Infosys Spring board from 25.10.2024 to 31.12.2024.

# AI&DS | NATIONAL LEVEL SYMPOSIUM - VARNAM`25

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has participated in MIND MAZZ
at VARNAM'25 (National Level Sports, Techno & Cultural Fest) held on February 06th & 07th, 2025.
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This is to certify that AATHI PRASANNA AK of
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has participated in MIND MAZZ
at VARNAM'25 (National Level Sports, Techno & Cultural Fest) held on February 06th & 07th, 2025.
CONVENER
PRINCIPAL

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SAEINDIA
This is to certify that MEGHAN GOWSICK S of
SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY
has participated in MIND MAZZ
at VARNAM'25 (National Level Sports, Techno & Cultural Fest) held on February 06th & 07th, 2025.
CONVENER
PRINCIPAL

**Lipeka D, Ramya K, Aathi Prasanna AK, Meghan Gowsick S, Atimanyu.K.S, Logi Chandran J, JayaHarish** and **Mohanraj.S** students of **Third** year **Artificial Intelligence and Data Science** have participated in **VARNAM`25** - A National Level Sports, Techno & Cultural Fest held on 06th& 07th,2025 at **Karpagam Institute of Technology, Coimbatore.**

SKCET Buzz

# PLACEMENT AND TRAINING

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# EEE | PLACEMENT TESTIMONIALS

As I take this significant step forward in my career, I am grateful to my respective Head of the Department, year coordinator, tutors and the faculty members of EEE department who provided me with unwavering support and guidance which have been instrumental in helping me to achieve my goals.

Their dedication and encouragement have been key in helping me secure a position at Sobha Constructions LLC. This achievement is a testament to the excellent education and experiences provided to me. As I begin this new role, I am both eager and grateful for the opportunities that lie ahead. With the foundation built by my mentors and the knowledge I have gained, I am committed to making a positive impact and pursuing a fulfilling career. I sincerely thank everyone who has been a part of my journey and helped me reach this important milestone.

**Nitish Kumar K**
**EEE**
**Sobha Constructions LLC**

# SKCET | PLACEMENT TESTIMONIALS

I am **K.R. Geethan** from **Artificial Intelligence and Data Science** department, batch of 2021-2025. My academic journey at SKCET has been incredibly rewarding, providing me with a strong foundation and the necessary skill set to excel in the industry. Through expert sessions and workshops with industry professionals, I gained valuable insights into the latest trends in technology. Additionally, the emphasis on soft skills and personality development throughout my time at SKCET has played a pivotal role in shaping my professional growth.

I am deeply thankful to my parents for selecting SKCET as the institution to nurture my ambitions. My sincere gratitude goes out to the placement cell and the esteemed faculty for their continuous support and guidance during every stage of the placement process. I am honored to have been placed as a QA Intern at Integra Connect, specializing in UI/UX Testing and API Testing, and I would like to extend my thanks to the principal and the entire SKCET faculty team for helping me achieve this significant milestone in my career.

**GEETHAN K R - AI&DS**
**INTEGRA CONNECT**

# SKCET | TESTIMONIAL BY PLACED STUDENTS

I am Lakshmi Praba from Electrical and Electronics Engineering department of batch 2021 - 2025. My experience at SKCET had been wonderful and I had an opportunity to gain new skills which is an important part of my career. Expert sessions by industry professionals made me familiar with the latest trends in the industry. Training for improving soft skills and overall personality development had helped me during placements. The college has a lot of opportunities to learn and showcase the skills. Overall, I had a very good experience at the college and I am grateful to my parents for choosing SKCET. I would like to specially thank the placement cell and faculty team for providing me a good platform for my career and also helped me to get placed at **Tredence Analytics** by guiding me at every stage of the placement process. Thanks to the Principal and the entire SKCET faculty team.

**LAKSHMI PRABA S**
**EEE**
**TREDENCE ANALYTICS**

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# RESEARCH AND DEVELOPMENT

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# R&D | PAPER PUBLICATION | ECE

ieeexplore.ieee.org/document/10602064/authors#authors

Conferences > 2024 International Conference...

**An Improved Driver Safety System based on Drunk and Drive Analyzing Architecture using Internet of Things Assisted Alcohol Identification Sensor**

Publisher: IEEE | Cite This | PDF

M. Swarna ; G. Saranya ; A. Vanathi ; R. Ashwini ; B. Arunsundar All Authors

1 Cites in Paper | 67 Full Text Views

Abstract
Document Sections
I. Introduction
II. Related Study
III. Methodology
IV. Results and Discussions
V. Conclusion
Authors
Figures
References
Citations

**Abstract:**
The recently survey government is said 80 percentage of road accident is done by drunk and drive and the small cities accident range is 50 percentage to 80 percentage on this survey government declare overall of 100 accident and 30 to 35 deaths occurs on the road due to not wearing the seat belt. The Alcohol Sensor we are implement on the steering and this paper is totally depends on embedded System. This research is IoT and Arduino based system. There has been a dramatic rise in the likelihood of traffic accidents caused by the proliferation of automobiles on the road. Drunk driving is a major contributor to traffic accidents worldwide. The major goal of this research is to develop a system that can detect how much alcohol a driver has consumed. The goal of the proposed system is to decrease the frequency of drunken driving accidents by restricting users from operating motor vehicles while under the influence of alcohol or drugs. A NodeMCU ESP8266 WiFi Modules, an Arduino Controller, an Eye Blink Sensor, and a MQ3 Alcohol Detection Sensors are the main components of the suggested model. To ensure everyone's safety, when the blood alcohol concentration (BAC) rises beyond a certain threshold, the vehicle's ignition system will be disabled and the appropriate authorities will be notified via the IoT module; this process has previously been carried out using the GSM module. The proposed work is termed as Improved IoT based Driver Safety Model (IIoTDSM), in which it is cross-validated with the conventional model called GSM based Driver Safety Model (GSMDSM) to evaluate the efficiency of the proposed work.

**Published in:** 2024 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI)

ieeexplore.ieee.org/document/10602336/authors#authors

Conferences > 2024 International Conference...

**A Safe and Enhanced Navigation System for the Visually Challenged**

Publisher: IEEE | Cite This | PDF

G. Saranya ; N.V. Krishnamoorthy ; B. Vidhya ; Roopa Thangam All Authors

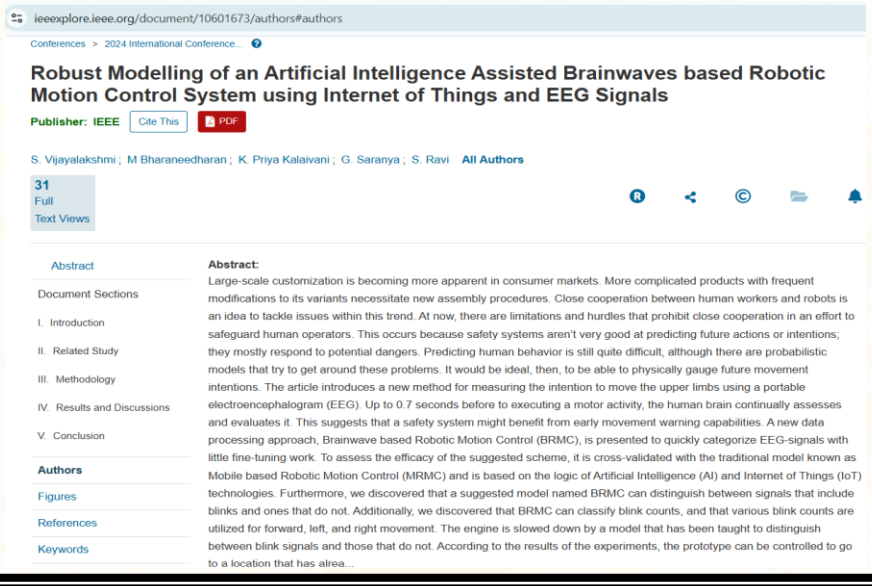
10 Full Text Views

Abstract
Document Sections
I. Introduction
II. Existing System
III. Proposed System
IV. Conclusion
Authors
Figures

**Abstract:**
In today's consumer and profit oriented world that we live in we do not take the time to develop systems for the differently abled since they are in a minority and hence represent a small market. This leads to the biggest problem that no one wants to make communication devices for them since it is not commercially viable but they represent a significant number of people who would benefit from a navigation assistance which will make their lives so much easier. The proposed system uses three ultrasonic devices to identify the range of the obstacles, a Bluetooth module to relay the distance measured to the mobile device as well as an Arduino board to control the system. There is also a voice assistant application created using JAVA which makes this system so much more sophisticated.

**Published in:** 2024 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI)

**Date of Conference:** 09-10 May 2024 **DOI:** 10.1109/ACCAI61061.2024.10602336



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Conferences > 2024 International Conference...

**Robust Modelling of an Artificial Intelligence Assisted Brainwaves based Robotic Motion Control System using Internet of Things and EEG Signals**

Publisher: IEEE | Cite This | PDF

S. Vijayalakshmi ; M Bharaneedharan ; K. Priya Kalaivani ; G. Saranya ; S. Ravi All Authors

31 Full Text Views

Abstract
Document Sections
I. Introduction
II. Related Study
III. Methodology
IV. Results and Discussions
V. Conclusion
Authors
Figures
References
Keywords

**Abstract:**
Large-scale customization is becoming more apparent in consumer markets. More complicated products with frequent modifications to its variants necessitate new assembly procedures. Close cooperation between human workers and robots is an idea to tackle issues within this trend. At now, there are limitations and hurdles that prohibit close cooperation in an effort to safeguard human operators. This occurs because safety systems aren't very good at predicting future actions or intentions; they mostly respond to potential dangers. Predicting human behavior is still quite difficult, although there are probabilistic models that try to get around these problems. It would be ideal, then, to be able to physically gauge future movement intentions. The article introduces a new method for measuring the intention to move the upper limbs using a portable electroencephalogram (EEG). Up to 0.7 seconds before to executing a motor activity, the human brain continually assesses and evaluates it. This suggests that a safety system might benefit from early movement warning capabilities. A new data processing approach, Brainwave based Robotic Motion Control (BRMC), is presented to quickly categorize EEG-signals with little fine-tuning work. To assess the efficacy of the suggested scheme, it is cross-validated with the traditional model known as Mobile based Robotic Motion Control (MRMC) and is based on the logic of Artificial Intelligence (AI) and Internet of Things (IoT) technologies. Furthermore, we discovered that a suggested model named BRMC can distinguish between signals that include blinks and ones that do not. Additionally, we discovered that BRMC can classify blink counts, and that various blink counts are utilized for forward, left, and right movement. The engine is slowed down by a model that has been taught to distinguish between blink signals and those that do not. According to the results of the experiments, the prototype can be controlled to go to a location that has alrea...

**Ms.G.Saranya,** Assistant Professor, Department of **ECE** has presented and published her conference papers entitled **"An Improved Driver Safety System based on Drunk and Drive Analyzing Architecture using Internet of Things Assisted Alcohol Identification Sensor", A "Safe and Enhanced Navigation System for the Visually Challenged"**, and **"Robust Modelling of an Artificial Intelligence Assisted Brainwaves based Robotic Motion Control System using Internet of Things and EEG Signals"** in the 2024 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI). It is a Scopus Indexed Conference publication

SKCET Buzz

# FACULTY CERTIFICATIONS

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# SOM | ONE WEEK FDP ON GENERATIVE AI

**Around 10 Faculty members and 32 Students** of **School of Management** have participated in one week **Faculty Development Program (FDP)** on **"Generative AI: A Comprehensive Approach to Research Writing, Proposal Development and Funding"** from 27.01.2025 to 01.02.2025, organised by School of Management, Sri Krishna College of Engineering and Technology jointly with RSP Science Hub, Coimbatore.

# AI&DS | INFOSYS CERTIFICATION

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Big Data - 301

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Executive Vice President and Global Head
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Issued on: Friday, February 7, 2025
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**Mr.Pugalendhi G.S,** Assistant Professor of **AI&DS** has successfully completed Infosys Spring board certification on "**Big Data - 301"** on 07.02.2025.

# AI&DS | GOOGLE CERTIFICATION

**Mr.S.Senthil Kumar,** Assistant Professor of **AI&DS** has successfully completed Google certification on "**Google Play Store Listing"** on 28.01.2025.

Google Play Academy

This certifies that

Senthil Kumar S

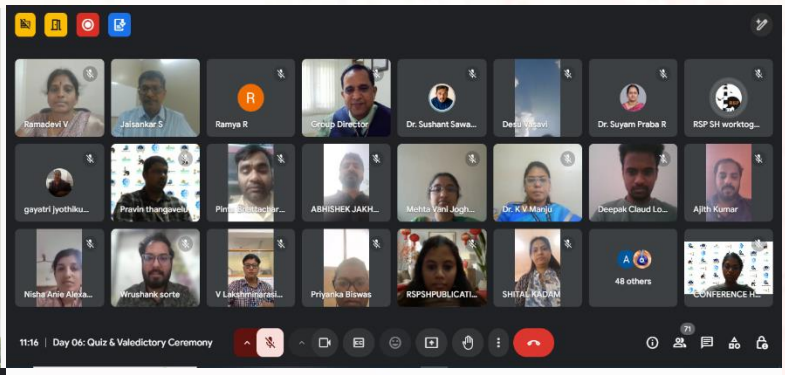
has successfully completed the Google Play Store Listing Certificate requirements

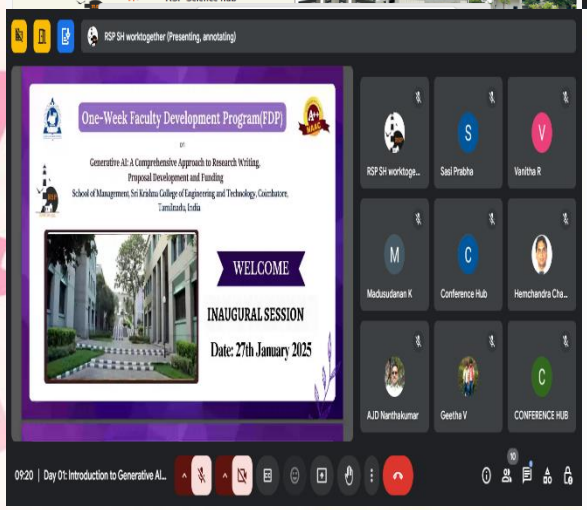
Joe Davis
Head of Google Play Academy

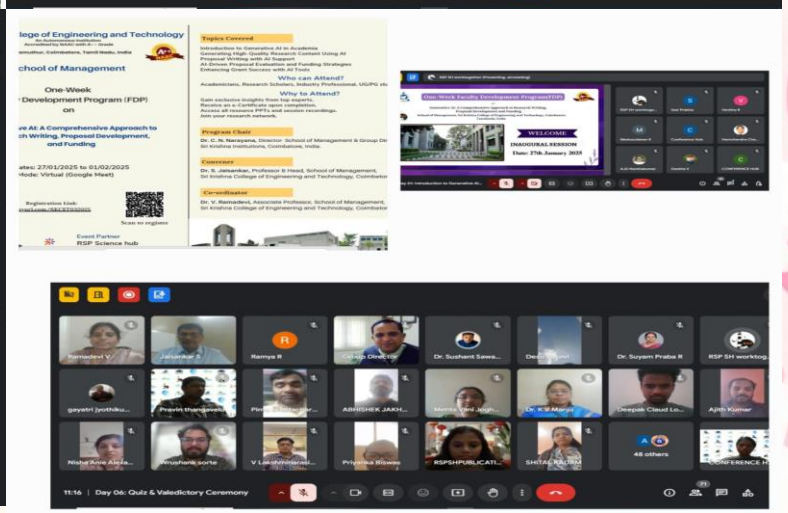
| CERTIFICATE | ISSUE DATE | VALID THROUGH |
|---|---|---|
| 131362369 | January 28, 2025 | January 28, 2028 |

GOOGLE PLAY ACADEMY · STORE LISTING CERTIFICATE

# SOM | FACULTY DEVELOPMENT PROGRAM




One Week Faculty Development Program on **"Generative AI: A Comprehensive Approach to Research Writing, Proposal Development, and Funding",** jointly organized by **School of Management,** Sri Krishna College of Engineering and Technology, Coimbatore, Tamilnadu, India & RSP Science Hub, Coimbatore, Tamil Nadu, was held from 27th January to 1st February 2025. Number of registered Participants were 174 from 24 States, 22 reputed universities and 45 colleges for this FDP. The program focused on two key areas: effective academic writing and impactful data visualization. Participants learnt to apply AI-driven tools for drafting and editing manuscripts, generating insights from research data and creating visually compelling graphics and visualizations.

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# ALUMNI CORNER

# EEE | ALUMNI ONLINE SEMINAR

Department of **Electrical and Electronics Engineering** has organized an insightful online seminar on **'Real-Time Analysis Using Artificial Intelligence '** on 7th February 2025 for II EEE A & B Section students.

**Session Speaker:**

**Mr. Manikandan Chandrasekaran,** 2006-2010 Batch Alumnus

Project Manager – PSM (Secondment), Kuwait Oil Company, Kuwait.

**Key Takeaways:**

- Understanding Greenhouse Gases (GHGs)
- Major Sources of GHG Emissions
- Role of AI in Carbon Emission Reduction
- Carbon Removal Strategies
- Carbon Capture, Utilization, and Storage (CCUS)
- Global Impact & Future Considerations.

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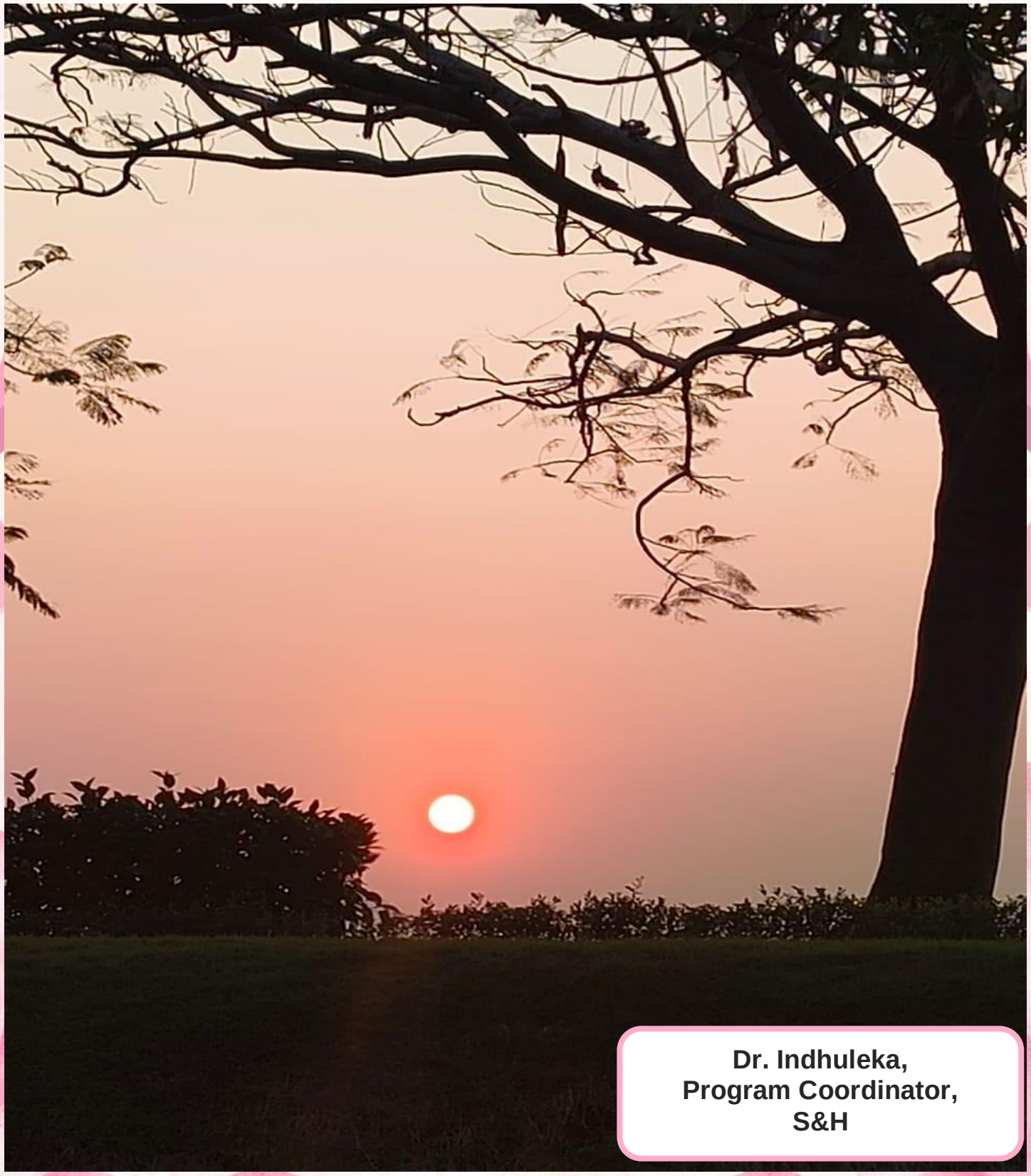
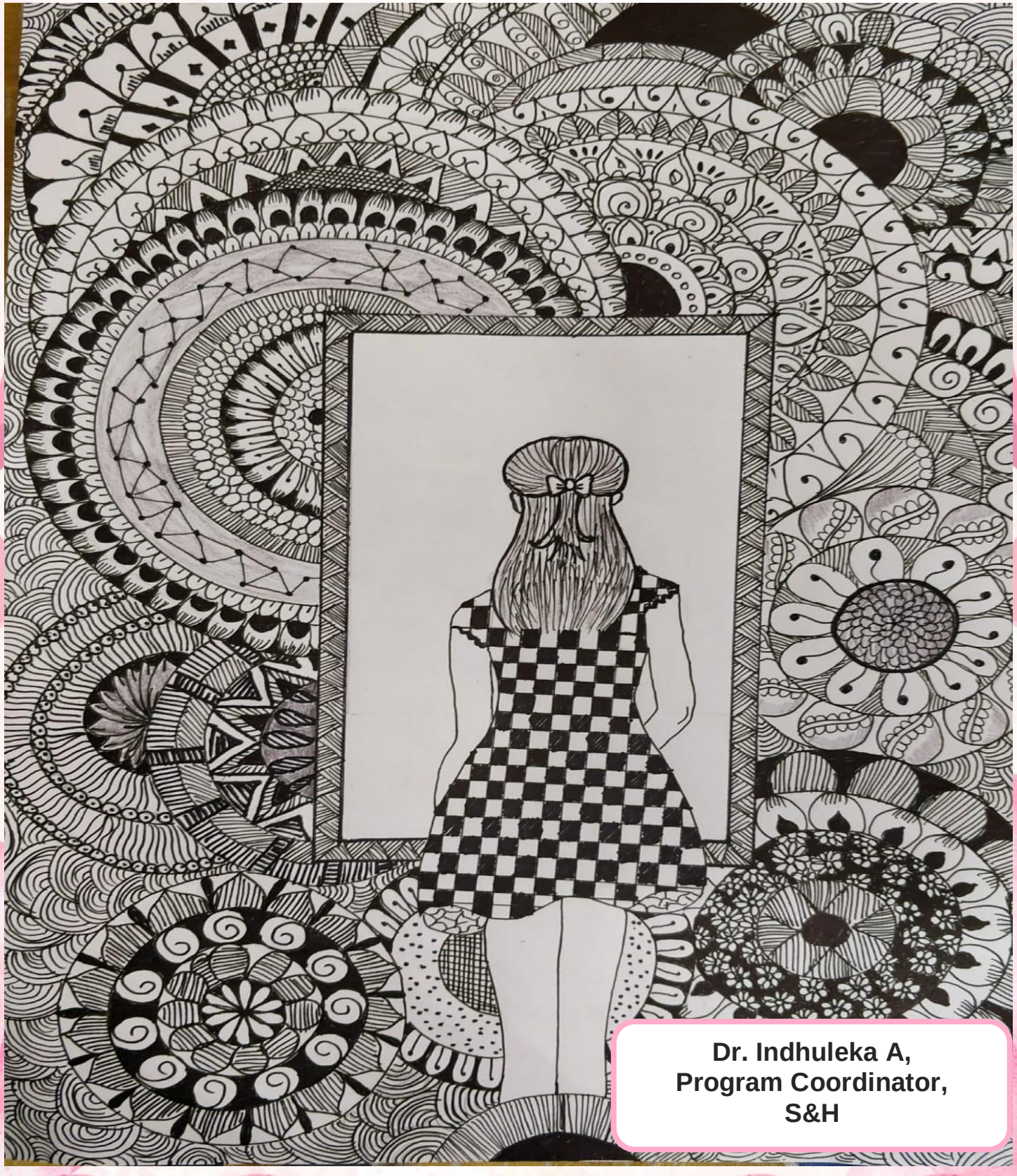


Dr. Indhuleka,
Program Coordinator,
S&H

# S&H | CREATIVE CORNER



Dr. Indhuleka A,
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COVAI CHRONICLE

## Grand finale of UYIR Road Safety Hackathon

**The finale began on Saturday (8.2.25) at Sri Krishna College of Engineering and Technology. District Collector Kranthi Kumar Pati, inaugurated the event in the presence of S.Malarvizhi, Chairperson, Sri Krishna Institutions and Trustee of UYIR.**

covaichronicle.com

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THE HINDU
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INDIA'S NATIONAL NEWSPAPER SINCE 1878

## Uyir Road Safety Hackathon 2025 grand finale begins in Coimbatore

Organised by the Coimbatore district administration, City Police, and Uyir— an NGO that focused on road safety— the hackathon features two categories: students and professionals; 145 teams from 12 States shortlisted for final presentations

The Hindu Bureau
COIMBATORE

(From right) S. Malarvizhi, Chairperson and Managing Trustee of Sri Krishna Institutions, Coimbatore Collector Kranthi Kumar Pati, City Police Commissioner A. Saravana Sundar, and Corporation Commissioner M. Sivaguru Prabakaran observe a project presentation at the Uyir Road Safety Hackathon 2025 in the city on Saturday. S. SIVA SARAVANAN

Coimbatore District Collector Kranthi Kumar Pati inaugurated the two-day Uyir Road Safety Hackathon 2025 grand finale at Sri Krishna College of Engineering and Technology on Saturday.

Organised by the Coimbatore district administration, Coimbatore City Police, and Uyir–a non-governmental organisation focused on road safety–the hackathon features two categories: students and professionals.

According to the organisers, the event received over 3,000 initial abstract submissions for problem statements developed by the Coimbatore City Police. Participants developed ideas and prototypes to improve road safety, which could contribute to the Coimbatore Road Safety Model City Project, an initiative implemented by Uyir in collaboration with the Government of Tamil Nadu.

From the initial submissions, 145 teams from 12 States were shortlisted for the final presentations. Over two days, they will showcase their innovations to a jury panel comprising experts from various fields, including road safety. The panel will evaluate the projects based on innovation, cost-effectiveness, and feasibility for rapid implementation.

Coimbatore Corporation Commissioner M. Sivaguru Prabakaran, City Police Commissioner A. Saravana Sundar, and S. Malarvizhi, Chairperson and Managing Trustee of Sri Krishna Institutions, attended the inauguration. Participants presented their ideas and explained their proposed solutions, highlighting practical ways to address road safety challenges in the city.

The winning projects will undergo practical testing in collaboration with government agencies and experts.

Successful solutions will be integrated into Coimbatore's road safety framework, contributing to ongoing efforts to reduce accidents and improve traffic management.

# SKCET | MEDIA

தினமலர்

## சாலை பாதுகாப்பு ஹேக்கத்தான் 2025

■ கோவை குனியமுத்தூர் ஸ்ரீ கிருஷ்ணா இன்ஜி., கல்லூரியில், சாலை பாதுகாப்பு குறித்த ஹேக்கத்தான் நடந்தது. இதை, மாவட்ட கலெக்டர் கிராந்தி குமார் துவக்கி வைத்து பார்வையிட்டார். அருகே, (இடமிருந்து) ரூட்ஸ் நிறுவன இயக்குனர் சந்திரசேகர், மாநகராட்சி கமிஷனர் சிவகுரு பிரபாகரன், மாநகர போலீஸ் கமிஷனர் சரவண சுந்தர், ஸ்ரீ கிருஷ்ணா கல்வி குழும நிர்வாக அறங்காவலர் மலர்விழி உள்ளிட்டோர்.

**போத்தனூர், பிப். 9–**

கோவை கிருஷ்ணா இன்ஜி.. மற்றும் தொழில்நுட்ப கல்லூரியில், தமிழ்நாடு அரசு மற்றும் உயிர் அமைப்பு சார்பில், சாலை பாதுகாப்பு ஹேக்கத்தான் 2025ன் இறுதிச் சுற்று போட்டி நேற்று துவங்கியது.

சாலை பாதுகாப்பு தொடர்பான புதுமை கண்டுபிடிப்பு சிந்தனைகளை உருவாக்கும் முன்மாதிரியான இப்போட்டியில், சாப்ட்வேர், ஹார்டுவேர் திட்ட உருக்கள் மற்றும் முன் மாதிரிகள் வடிவமைப்பு போட்டியை கோவை கலெக்டர் கிராந்திகுமார் நேற்று துவக்கி வைத்தார்.

நாடு முழுவதுமிருந்து ஐ.ஐ.டி., என். ஐ.டி., உள்ளிட்ட உயர் தொழில்நுட்ப கல்வி நிறுவனங்களை சேர்ந்த மாணவர்கள் மற்றும் தொழில்நுட்ப வல்லுனர்கள் கலந்து கொண்டனர். 50க்கும் மேற்பட்ட குழுவினர் தங்கள் படைப்புகளை காட்சிப்படுத்தினர்.

இப்போட்டியில் எளிய, செலவு குறைந்த மற்றும் விரைவாக செயல்படுத்தக்கூடிய தீர்வுகள், கருத்துருக்கள், முன்மாதிரிகளை மாணவர்கள் உருவாக்கினர். மேலும் செயற்கை நுண்ணறிவில் புதுமையான தீர்வுகள், ஆளில்லா விமான தொழில்நுட்பம், நவீன வாகன பாதுகாப்பு, போக்குவரத்து மேலாண்மை உள்ளடக்கிய இயக்கம் தொடர்பான கண்டுபிடிப்புகள் முக்கிய பங்கு வகித்தன.

கோவை மாநகராட்சி கமிஷனர் சிவகுரு பிரபாகரன், போலீஸ் கமிஷனர் சரவணசுந்தர், கிருஷ்ணா கல்வி குழும தலைவர் மலர் விழி, கல்லூரி முதல்வர் பொற்குமரன் உட்பட பலர் பார்வையிட்டனர். இன்று போட்டி நிறைவடைகிறது. சிறந்த படைப்புகளுக்கு பரிசு வழங்கப்படுகிறது.

# SKCET | MEDIA

THE COVAI NEWS
Online Channel
Coimbatore District Administration, Coimbatore City Police, UYIR
'UYIR ROAD SAFETY HACKATHON 2025'
Inaugural Function
08 February, 2025, Sri Krishna College of Engineering and Technology, Coimbatore
Chief Guest
Thiru Kranthi Kumar Pati, I.A.S.,
District Collector, Coimbatore
Guests of Honour
Thiru K.Karthikeyan, I.P.S.,
Thiru M.Sivaguru Prabakaran,

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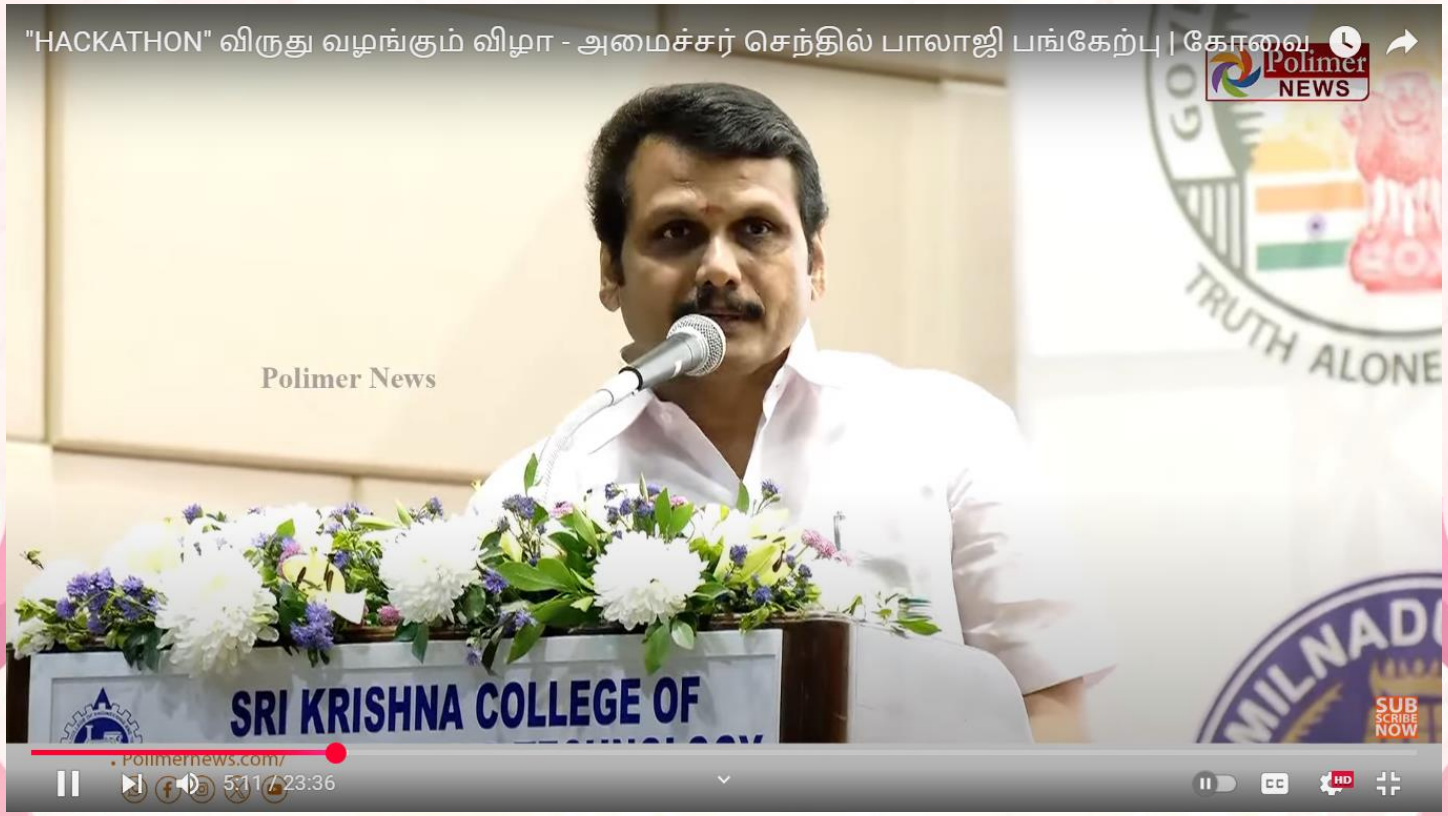
"HACKATHON" விருது வழங்கும் விழா - அமைச்சர் செந்தில் பாலாஜி பங்கேற்பு | கோவை
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Coimbatore District Administration, Coimbatore City Police, UYIR
UYIR ROAD SAFETY HACKATHON 2025
Award Function
09 February 2025, Sri Krishna College of Engineering and Technology, Coimbatore
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54

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simplicitycoimbatore #Photostory
ஸ்ரீ கிருஷ்ணா பொறியியல் மற்றும் தொழில்நுட்பக் கல்லூரியில் நடைபெற்ற உயிர் அமைப்பின் சாலை பாதுகாப்பு ஹேக்கத்தான் 2025
நிறைவு விழாவில் மின்சாரத்துறை அமைச்சர் செந்தில்பாலாஜி போட்டியில் வெற்றி பெற்றவர்களுக்கு விருதுகளை வழங்கினார். இடம் : ஸ்ரீ கிருஷ்ணா கல்லூரி வளாகம், குனியமுத்தூர்
#PC: Laxmanan, SimpliCity

26 minutes ago · See translation

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SimpliCityCoimbatore
@simplicitycbe

#Photostory

ஸ்ரீ கிருஷ்ணா பொறியியல் மற்றும் தொழில்நுட்பக் கல்லூரியில் நடைபெற்ற உயிர் அமைப்பின் சாலை பாதுகாப்பு ஹேக்கத்தான் 2025 நிறைவு விழாவில் மின்சாரத்துறை அமைச்சர் செந்தில்பாலாஜி போட்டியில் வெற்றி பெற்றவர்களுக்கு விருதுகளை வழங்கினார். இடம் : ஸ்ரீ கிருஷ்ணா கல்லூரி வளாகம், குனியமுத்தூர்

#PC: Laxmanan, SimpliCity

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## Uyir Road Safety Hackathon 2025 concludes in Coimbatore

Updated – February 09, 2025 07:59 pm IST – Coimbatore

THE HINDU BUREAU

Minister for Electricity, Prohibition, and Excise V. Senthil Balaji (third right) presenting awards to the winners of the 'Uyir Road Safety Hackathon 2025' in Coimbatore city on Sunday. | Photo Credit: SIVA SARAVANAN S

# SKCET | MEDIA

THE NEW INDIAN EXPRESS

The finale of the 'UYIR Road Safety Hackathon 2025' a key initiative under the Coimbatore Road Safety Model City Project, culminated in a award function on February 9, 2025 in Sri Krishna College of Engineering and Technology (SKCET). Electricity minister V Senthil Balaji, Coimbatore district collector Kranthi Kumar Pati, CCMC Commissioner M Sivaguru Prabakaran, Coimbatore City Police Commissioner A Saravana Sundar, Dr S Rajasekaran, Managing Trustee of UYIR, S Malarvizhi, Managing Trustee and Chairperson, Sri Krishna Institutions and others were present | EXPRESS

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தினமலர்

தினமலர்
கோயம்புத்தூர் | திங்கள் | 10.2.2025

## ஹேக்கத்தான் போட்டியில் ஜோசப் கல்லூரி முதலிடம்

போத்தனூர், பிப். 10–

கோவை கிருஷ்ணா இன்ஜி.. மற்றும் தொழில் நுட்ப கல்லூரியில் தமிழ் நாடு அரசு, கோவை மாநகர போலீஸ், மற்றும் உயிர் அமைப்பு சார்பில் நடந்த சாலை பாதுகாப்பு ஹேக் கத்தான் 2025 போட்டி யில் ஜோசப் தொழில்நுட்ப கல்லூரி முதலிடத்தை பிடித்தது.

சாலை பாதுகாப்பு தொடர்பான புதுமை கண்டு பிடிப்பு சிந்தனைகளை உரு வாக்கும் முன்மாதிரியான இப்போட்டியில், எளிய, செலவு குறைந்த மற்றும் விரைவாக செயல்படுத்தக் கூடிய தீர்வுகள். கருத்துருக் களை மாணவர்கள் உரு வாக்கினர்.

மாவட்ட கலெக்டர் கிராந்தி குமார் தலைமை யில் பரிசளிப்பு விழா நேற்று

கோவை கிருஷ்ணா இன்ஜினியரிங் கல்லூரியில் நடந்த சாலை பாதுகாப்பு ஹேக்கத்தான் போட்டிக்கான பரிசளிப்பு விழா நேற்று நடந்தது. இதில் அமைச்சர் செந்தில் பாலாஜி முதல் பரிசு வென்றவர்களுக்கு ஒரு லட்சம் ரூபாய்க்கான காசோலை வழங்கினார். இடமிருந்து போக்குவரத்து துணை கமிஷனர் அசோக் குமார், மாநகராட்சி கமிஷனர் சிவகுரு பிரபாகரன், போலீஸ் கமிஷனர் சரவண சுந்தர், கலெக்டர் கிராந்தி குமார், உயிர் அமைப்பின் தலைவர் டாக்டர் ராஜசேகர், ஸ்ரீ கிருஷ்ணா கல்வி நிறுவனங்களின் நிர்வாக அறங்காவலர் மலர்விழி, முதன்மை நிர்வாக மேலாளர் சுந்தரராமன், முதல்வர் பொற்குமரன் உள்ளிட்டோர்.

நடந்தது. அமைச்சர் செந் தில் பாலாஜி பேசுகையில் ''கோவை மாவட்டத்தை மாற்ற மேற்கொண்டுள்ள முயற்சி சாலை விபத்தில்லா நகர உயிர் அமைப்பு பாராட்டுக்குரியது,'' என் றார். தொழில்நுட்ப வல் லுனர் பிரிவில் முறையே முதல் மூன்று இடங்களை பிடித்த, நெக்ஸ் டர்ன் அணி, ட்ரோமோலிஸ் ஆராய்ச்சி மற்றும் மேம்பாட்டு நிறுவ னம், இன்டெல் நிறுவனம் ஆகியவற்றுக்கும், மாணவர் பிரிவில் சென்னை ஜோசப் தொழில்நுட்ப கல்லூரி, ஈரோடு, செங்குந்தர் இன்ஜி., கல்லூரி பொள்ளாச்சி மகா லிங்கம் இன்ஜி.. மற்றும் தொழில்நுட்ப கல்லூரிக்கும் பரிசு வழங்கினார்.

கோவை மாநகராட்சி கமி ஷனர் சிவகுரு பிரபாகரன், போலீஸ் கமிஷனர் சரவ ணசுந்தர், கிருஷ்ணா கல்வி குழும தலைவர் மலர்விழி, கல்லூரி முதல்வர் பொற் குமரன், உயிர் அமைப்பின் தலைவர் ராஜசேகரன் உள் பட பலர் பங்கேற்றனர்.

ராமேஸ்வரம் மீனவர்கள்

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ஒரு புதிய அனுபவம்
தினகரன்
Dinakaran

## விபத்தில்லாத கோவை மாநகரத்தை உருவாக்கும் முயற்சி வெற்றி பெறும்

### அமைச்சர் செந்தில்பாலாஜி பேச்சு

**கோவை, பிப்.10:** கோவை குனியமுத்தூரில் உள்ள ஸ்ரீ கிருஷ்ணா பொறியியல் மற்றும் தொழில்நுட்பக் கல்லூரியில் சாலை பாதுகாப்பு ஹேக்கத்தான் 2025 மென்பொருள் மற்றும் வன்பொருள் திட்ட உருக்கள் மற்றும் முன்மாதிரிகள் வடிவமைப்பு போட்டிகளின் பரிசளிப்பு விழா நேற்று நடைபெற்றது. இதனை கோவை மாவட்ட நிர்வாகம், கோவை மாநகர காவல் துறை மற்றும் உயிர் என்ற சாலை பாதுகாப்பு தொண்டு நிறுவனம் இணைந்து நடத்தின.

இதில் நாடு முழுவதிலுமிருந்து ஐஐடி, என்ஐடி உள்ளிட்ட உயர் தொழில்நுட்பக்கல்வி நிறுவனங்களின் மாணவ, மாணவியர், தொழில்நுட்ப நிபுணர்கள் உட்பட 145 குழுக்களாக கலந்து கொண்டனர்.

இந்த போட்டிகளில் தொழில்துறை பிரிவில் டீம் நெக்ஸ்ட் டர்னர்ஸ் எனும் அணி முதல் பரிசையும், மாணவர்களுக்கான பிரிவில் சென்னையை சேர்ந்த செயின்ட் ஜோசப் இன்ஸ்டிட்யூட் ஆப் டெக்னாலஜி கல்லூரியின் சர்வேயில் சேப் அணி முதல் பரிசையும் வென்றது. வெற்றி பெற்ற அணிகளுக்குப் தலா ரூபாய் ஒரு லட்சம் ரொக்க பரிசு வழங்கப்பட்டது.

நிகழ்ச்சியில் தலைமை விருந்தினராக கலந்து கொண்ட அமைச்சர் செந்தில்பாலாஜி வெற்றி பெற்றவர்களுக்கு பரிசுகளை வழங்கினார். அப்போது மாவட்ட கலெக்டர் கிராந்திகுமார் பாடி, மாநகர காவல் ஆணையர் சரவணசுந்தர், மாநகராட்சி ஆணையாளர் சிவகுரு பிரபாகரன் உள்ளிட்டோர் உடனிருந்தனர்.

உயிர் அமைப்பின் நிர்வாக அறங்காவலர் டாக்டர். எஸ். ராஜசேகரன், ஸ்ரீ கிருஷ்ணா கல்வி நிறுவனங்களின் தலைவர் மலர்விழி ஆகியோர் வரவேற்றார்.

பின்னர் அமைச்சர் செந்தில் பாலாஜி பேசியதாவது, "கோவையை ஒரு சாலை விபத்தில்லாத நகரமாக மாற்ற உயிர் அறக்கட்டளையின் முயற்சிகளை பாராட்டுகிறேன். விபத்தில்லாத கோவை மாநகரத்தை உருவாக்க வேண்டும் என்கிற உயிர் அமைப்பின் இந்த முயற்சி நிச்சயம் வெற்றி பெறும். தமிழக அரசு, உயிர் மற்றும் பொதுமக்களின் கூட்டு முயற்சியால் கோவை விபத்தில்லா நகரமாக மாறும்.

கோவை மாநகரில் சாலை வசதிகளை மேம்படுத்தும் வகையில் கோவை மாநகராட்சியில் கடந்த மூன்றுரை ஆண்டுகளில் ரூ.400 கோடி மதிப்பில் 860 கிமீ நீளமுள்ள சாலைகள் புதிதாக அமைக்கப்பட்டுள்ளன.

பிற இடங்களில் உள்ள சாலைகளை மேலும் மேம்படுத்த அரசு சார்பில் கூடுதலாக ரூ.200 கோடி ஒதுக்கீடு செய்யப்பட்டு அதில் ரூ.100 கோடி மதிப்பிலான பணிகள் நடைபெற்று வருகின்றன. நகரின் சாலை பாதுகாப்பு தொடர்பான கோரிக்கைகளை முதலமைச்சரின் கவனத்திற்கு எடுத்துச் செல்வேன்" என்றார்.

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தினமணி

## மாநகர சாலைகளை மேம்படுத்த கூடுதலாக ரூ.200 கோடி ஒதுக்கீடு

**கோவை, பிப். 9:** மாநகர சாலைகளை மேம்படுத்த கூடுதலாக ரூ.200 கோடி ஒதுக்கீடு செய்யப்பட்டுள்ளது என்று அமைச்சர் வி.செந்தில் பாலாஜி தெரிவித்தார்.

ஸ்ரீ கிருஷ்ணா பொறியியல் மற்றும் தொழில் நுட்பக் கல்லூரியில் மாவட்ட நிர்வாகம், மாநகர காவல் மற்றும் 'உயிர்' அமைப்பு சார்பில் சாலை பாதுகாப்பு ஹேக்கத்தான் 2025 மென் பொருள் மற்றும் வன்பொருள் திட்ட முன் மாதிரி வடிவமைப்பு போட்டியின் இறுதிச் சுற்று மற்றும் பரிசளிப்பு விழா ஞாயிற்றுக்கிழமை நடைபெற்றது.

மாவட்ட ஆட்சியர் கிராந்திகுமார் பாடி தலைமையில் நடைபெற்ற நிகழ்ச்சியில், மின் சாரம், மதுவிலக்கு மற்றும் ஆயத்தீர்வைத் துறை அமைச்சர் வி.செந்தில்பாலாஜி சிறப்பு விருந்தினராகக் கலந்துகொண்டு போட்டியில் வெற்றிபெற்ற மாணவர்களுக்குப் பரிசு வழங்கினார்.

பின்னர், அவர் பேசியதாவது:

கோவையை சாலை விபத்துகளில்லாத மாநகரமாக உருவாக்க வேண்டும் என்ற உயிர் அமைப்பின் முயற்சி வெற்றி பெறும். மாநகரில் கடந்த மூன்றரை ஆண்டுகளில் ரூ.400 கோடி மதிப்பில் 860 கி.மீ. தொலைவுக்கு சாலைகள் மேம்படுத்தப்பட்டுள்ளன. மேலும், சாலைகளை மேம்படுத்த கூடுதலாக ரூ.200 கோடி ஒதுக்கீடு செய்யப்பட்டு, அதில் ரூ.100 கோடி மதிப்பிலான பணிகள் நடைபெற்று வருகின்றன என்றார்.

நிகழ்ச்சியில், மேற்கு மண்டல ஐஜி டி.செந்தில்குமார், மாநகர காவல் ஆணையர் ஏ.சரவணசுந்தர், மாவட்ட காவல் கண்காணிப்பாளர் கே.கார்த்திகேயன், மாநகராட்சி ஆணையர் மா.சிவகுரு பிரபாகரன், போக்குவரத்து இணை ஆணையர் என்.அமலரசு, உயிர் அமைப்பின் தலைவர் சஞ்சய் ஜெயவர்தன வேலு, நிர்வாக அறங்காவலர் எஸ்.ராஜசேகரன், ஸ்ரீ கிருஷ்ணா கல்வி நிறுவனங்களின் தலைவர் மற்றும் அறங்காவலர் எஸ்.மலர்விழி உள்ளிட்ட பலர் கலந்துகொண்டனர்.

அமைச்சர் செந்தில்பாலாஜி

நிகழ்ச்சியில், வெற்றிபெற்ற மாணவர்களுக்குப் பரிசு வழங்கிய அமைச்சர் வி.செந்தில்பாலாஜி. உடன், ஆட்சியர் கிராந்திகுமார் பாடி உள்ளிட்டோர்.

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ENGLISH & TAMIL WEEKLY NEWSPAPER

Postal Reg.No: CB/123/24-26.

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## UYIR Road Safety Hackathon

# Concludes with an award ceremony

*(From left) Sivaguru Prabakaran, Commissioner, Coimbatore Corporation; Saravana Sundar, Commissioner of Police, Coimbatore City; the Guest of Honour Kranthi Kumar Pati, District Collector, Coimbatore; the Chief Guest Senthil Balaji, Minister for Electricity and Prohibition & Excise, Government of Tamil Nadu; Rajasekaran, Managing Trustee of UYIR and Malarvizhi, Managing Trustee and Chairperson, Sri Krishna Institutions and Trustee of UYIR with the winners.*

**The Covai Mail**

The grand finale of the UYIR Road Safety Hackathon 2025, a key initiative under the Coimbatore Road Safety Model City Project ended with an award function on 9th February 2025 at Sri Krishna College of Engineering and Technology (SKCET).

The hackathon was organised in collaboration with the Coimbatore District Administration, Coimbatore City Police and UYIR, an NGO dedicated to road safety, and the event is held to celebrate innovative solutions for enhancing road safety.

Rajasekaran, Managing Trustee of UYIR delivered the welcome address. Malarvizhi, Managing Trustee and Chairperson, Sri Krishna Institutions and Trustee of UYIR, Project Incharge of the Hackathon, gave a brief introduction about the Hackathon.

She emphasized the remarkable submission of 3263 innovative ideas for this flagship event and highlighted the transparency in the evaluation process.

Sivaguru Prabakaran, Commissioner, Coimbatore Corporation addressed the gathering and emphasized the importance of road safety. Saravana Sundar, Commissioner of Police, Coimbatore City addressed the gathering.

The event was graced by Kranthi Kumar Pati, District Collector, Coimbatore, as the Guest of Honour. He appreciated the innovative contributions of students and professionals who participated in the hackathon, reinforcing Coimbatore's commitment to becoming a model city for road safety.

Senthil Balaji, Minister for Electricity and Prohibition & Excise, Government of Tamil Nadu, presided over the event as the Chief Guest.

Addressing the gathering, he emphasized the critical need for collaborative efforts in road safety and lauded the participants for their groundbreaking ideas aimed at reducing accidents and promoting safe driving practices.

He highlighted the initiatives taken by the Government of Tamil Nadu in laying good roads in the city of Coimbatore. He assured that the innovative solutions and path-breaking ideas proposed by the Hackathon participants will be taken to the notice of TN Government for necessary action for the betterment of the Society.

One of the key moments of the ceremony was the announcement of the winners in the professional and student categories.

Additionally, 18 teams were recognized for their exceptional efforts and were awarded as the Best Projects.

Senthil Kumar, Inspector General of Police, West Zone; Karthikeyan, Superintendent of Police, Coimbatore District; Azhagarasu, Joint Transport Commissioner, Coimbatore Zone; Sanjay Jayavarthanavelu, Chairman of UYIR and Sundararaman, CEO, Sri Krishna Institutions, Coimbatore graced this award function of the UYIR Road Safety Hackathon 2025 with their esteemed presence.

The vote of thanks was delivered by Porkumaran, Principal, Sri Krishna College of Engineering and Technology.

> **The innovative solutions and path-breaking ideas proposed by the Hackathon participants will be taken to the notice of the TN Government for necessary action for the betterment of the Society.**

**In Professional Category**

- The team from NexTurn secured the First Prize along with a cash award of ₹1 lakh.
- The Second Prize was awarded to the team from DromoLys Research & Development Pvt. Ltd.,
- The team from Intel/Dassault Systèmes, Bengaluru, earned the Third Prize.

**In the student category**

- The team from St.Joseph's Institute of Technology, Chennai, won the First Prize with a cash award of ₹1 lakh.
- The Second Prize went to the student team from Erode Sengunthar Engineering College, Perundurai.
- The team from Dr. Mahalingam College of Engineering and Technology, Pollachi, received the Third Prize.

# SKCET | MEDIA

## Winners of UYIR Road Safety Hackathon honoured

**Minister V.Senthil Balaji honoured the winners of UYIR Road Safety Hackathon 2025, hosted by Sri Krishna College of Engineering & Technology. Team Next Turners secured the 1st prize in the Professional category, while Team Surveil Safe (St.Joseph's Institute of Technology, Chennai) won 1st prize in the Student category. They each received Rs.1 lakh cash prize.**

09-FEB-25 covaichronicle.com

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## Uyir Road Safety Hackathon 2025 concludes

**The Hindu Bureau**
COIMBATORE

Minister for Electricity, Prohibition, and Excise V. Senthil Balaji (third right) presenting awards to the winners of the 'Uyir Road Safety Hackathon 2025' in the city on Sunday. S. SIVA SARAVANAN

Coimbatore's 'Road Safety Model City Project' is an example to other cities in Tamil Nadu to achieve an accident-free environment, said Minister for Electricity, Prohibition, and Excise V. Senthil Balaji in the city on Sunday.

Participating in the valedictory of a two-day hackathon, which was organised by the Coimbatore district administration, the Coimbatore City Police, and Uyir, a non-governmental organisation focused on road safety, at Sri Krishna College of Engineering and Technology, he said Tamil Nadu government would implement some of the ideas presented at the hackathon.

Collector Kranthi Kumar Pati commended the participants for the innovative and cost-effective solutions presented for accident prevention, and said select ideas from the hackathon would be incubated and implemented in Coimbatore.

City Police Commissioner A. Saravana Sundar added that fatalities from road accidents surpassed those from conventional crimes and stressed the need for road safety measures to be implemented on a priority basis.

Coimbatore Corporation Commissioner M. Sivaguru Prabakaran noted that the hackathon not only focused on accident prevention, but also introduced ideas for post-accident response measures to reduce fatalities.

### Winners

In the professional category, the team from NexTurn won the first prize along with a cash award of ₹1 lakh. The second prize was awarded to the team from DromoLys Research & Development Pvt. Ltd., while the team from Intel/Dassault Systèmes, Bengaluru, secured the third prize.

In the student category, the team from St. Joseph's Institute of Technology, Chennai, won the first prize with a cash award of ₹1 lakh.

The second prize went to the student team from Erode Sengunthar Engineering College, Perundurai, and the team from Dr. Mahalingam College of Engineering and Technology, Pollachi, received the third prize.

/1 Part & 391/2, Kamaraj Road, Uppilipalayam Village, Coimbatore-641015 and Printed by M. Jegadesh Kumar at Survey Nos. 391/1 Part & 391/2, Kamaraj Road, Uppilipalayam Village, Coimbatore-641015 on behalf of THG PUBLISHIN