# SKCET Buzz

**24ᵗʰ - 30ᵗʰ August 2024**



SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY
An Autonomous Institution | Approved by AICTE | Affiliated to Anna University | Accredited by NAAC with A++ Grade
Kuniamuthur, Coimbatore - 641008

FIRST YEAR ORIENTATION 2024

Chief Guest
Dr. Shyamala Ramesh Babu
Public Speaker
Founder - Chisel & Evolve

Smt. S. Malarvizhi
Chairperson & Managing Trustee
Sri Krishna Institutions

Shri. K. Adithya
Trustee
Sri Krishna Institutions

Dr. K. Porkumaran
Principal
Sri Krishna College of Engineering and Technology



ADMINISTRATIVE BLOCK

# INSIDE THE ISSUE

# Happy Reading!

# SKCET Buzz

## INSTITUTIONAL EVENTS

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# SKCET | FIRST YEAR ORIENTATION PROGRAMME



An exuberant Orientation Programme for the First-year students on the theme "Dream, Dare, Do"!! was being hosted at Sri Krishna Hall. The budding engineers were all set, ready to embrace the plethora of opportunities in the upcoming days as Skcetians.

# SKCET | FIRST YEAR ORIENTATION PROGRAMME



Orientation Programme for the First-year students commenced with the invocation to mother Tamil and lighting of Kuthuvilaku.

# SKCET | FIRST YEAR ORIENTATION PROGRAMME



WELCOME DANCE

# SKCET | FIRST YEAR ORIENTATION PROGRAMME



**Dr. K. Porkumaran**, Principal, SKCET, with immense pride and honor, warmly welcomed our esteemed Chief Guest **Dr. Shyamala Ramesh Babu**, a beacon of inspiration and a true icon of motivation and also extended a warm welcome to the distinguished gathering and highlighted the practices, Teaching learning process, Research ecosystem and the key accolades of the Institution and Students.

# SKCET | FIRST YEAR ORIENTATION PROGRAMME



**A life can be changed forever with as little as a single phrase or an uplifting word!**

**Dr.Shyamala Ramesh Babu**, Public Speaker, Founder - Chisel & Evolve graced the occasion with her impactful address and motivated the young minds to focus on the goals and wished the budding engineers a bright future. Dr. Shyamala, encouraged the students to embrace the challenges and opportunities ahead with enthusiasm and determination.

Her inspiring words left a lasting impression on the students, motivating them to embark on their educational journey with confidence and a commitment to excellence.

# SKCET | FIRST YEAR ORIENTATION PROGRAMME



The Academic Leadership Team of SKCET, comprising of Dean's and Heads of all the departments are a team of accomplished educators and scholars who bring a wealth of experience and expertise to our institution. The team was introduced to the budding engineers by Dr. K. Porkumaran, Principal, SKCET.

# SKCET | FIRST YEAR ORIENTATION PROGRAMME



**"Gratitude is the healthiest of all emotions!"**

**Dr.A.Indhuleka**, **HOD**, **S&H** placed on record her words of gratitude.

# SKCET | FIIP'24 - FRESHERS' INAUGURATION & IMMERSION PROGRAM



### SKI: Freshers' Inauguration & Immersion Program

SKCET & SKCT jointly organised FIIP'24 - Freshers' Inauguration & Immersion Program for First year **MBA** students on 29.08.2024 at Convention Centre.

# SKCET | FIIP'24 - FRESHERS' INAUGURATION & IMMERSION PROGRAM



**Dr. S. Jaisankar**, Head, School of Management, SKCET welcomed the gathering. He greeted all dignitaries, guests, Deans, faculty members, parents and students, setting a positive tone for the event.

**Dr. K. Porkumaran**, Principal of SKCET, addressed the students, emphasizing the three crucial P's—Purpose, Passion, and Persistence—that every individual should focus on.

**Dr. C. N. Narayana**, Group Director of Sri Krishna Institutions, honored the Chief Guest, Shri. Narayanan Ramasamy, Partner at KPMG, with a felicitous introduction.

# SKCET | FIIP'24 - FRESHERS' INAUGURATION & IMMERSION PROGRAM



**Shri. Narayanan Ramasamy** Keynote Speaker, underscored the essential skills required in the modern business world. He highlighted the need for:

- Technical Skills crucial for business success,
- Leadership and Managerial Skills for effective team management,
- Entrepreneurial Skills to foster innovation,
- Global Awareness with a focus on ESG (Environmental, Social, and Governance) and sustainability, Strategic Thinking Skills to navigate complex challenge

The event concluded with a heartfelt vote of thanks delivered by Prof. Srinivasan K., Assistant Professor and Head of the School of Management at SKCT, expressing gratitude to all who contributed to the success of the program.

# SKCET | MoU WITH AVILA UNIVERSITY

## Memorandum of Understanding (MoU)

### signed between

**SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY**
Kuniamuthur, Coimbatore

**AVILA UNIVERSITY**
kansas City, USA

### Highlights of MoU

- Traditional 2+2
- Accelerated 3+1
- Accelerated 1+1
- Accelerated 4+1

- Traditional 2+2
- Faculty Exchange
- Summer Program
- Dual Degree Pathway

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# SKCET | IEEE GLOBAL LEADERSHIP CONNECT 2024



The IEEE Global Leadership Connect started with a warm welcome by **Dr.Porkumaran K,** Principal of SKCET and Chairman of the IEEE Madras Section. This prestigious gathering brought together leaders, innovators, visionaries, and students from across the globe. **Dr.Nandalal Vijayakumar,** IEEE Student Branch Counselor, and **Akash S**, IEEE Student Branch Chairman, from SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY had the privilege of attending this notable event. The insightful discussions were led by IEEE President Dr. Thomas M. Coughlin, and concluded with heartfelt gratitude expressed by Dr. S. Sangeetha, IEEE ExCom member.

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## STUDENTS

## PROGRESSION
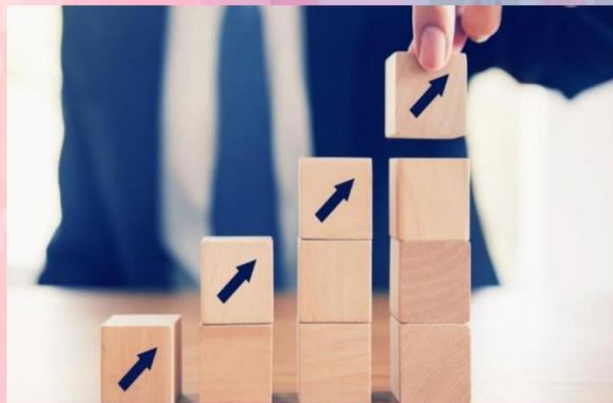
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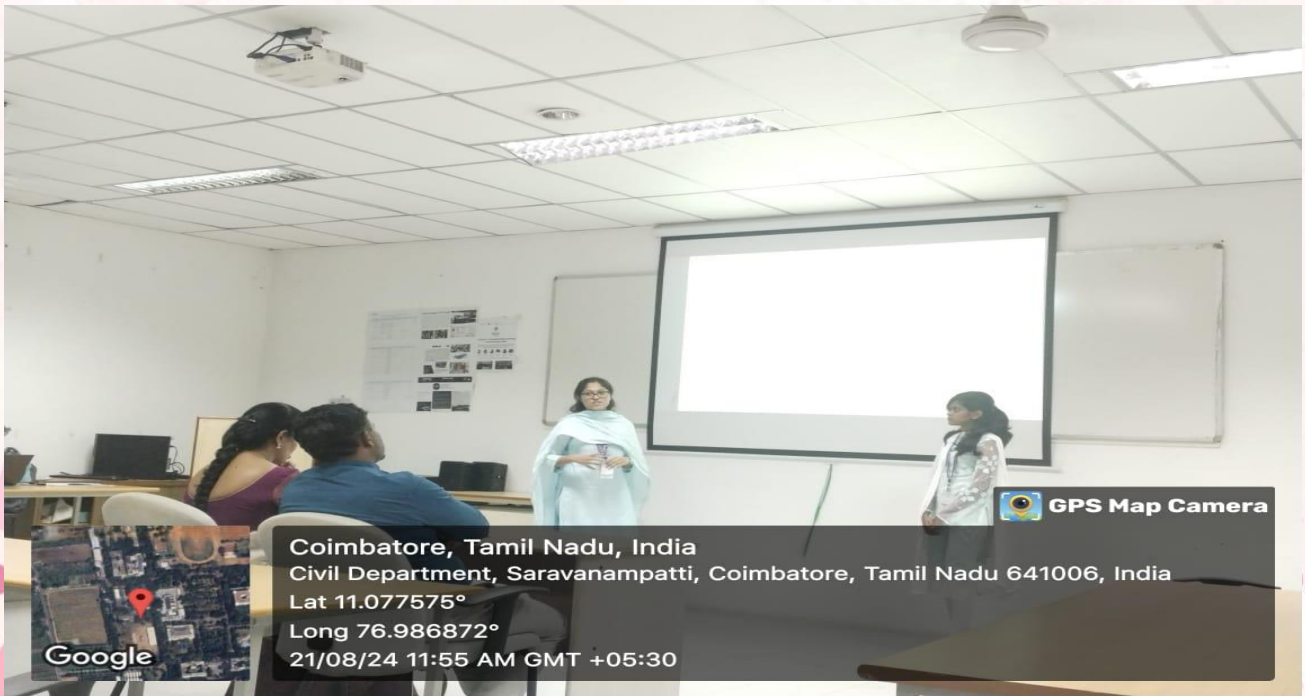
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# EEE | POSTER PRESENTATION





**Mridula.K, Pranavaa Varshini.S, students of Second year EEE** "B" have participated in **"Ecocity Pitch"** Poster Presentation event conducted by **IEEE Women in Engineering Affinity Group and Control System Society** of Kumaraguru College of Technology Student Branch on 21.08.2024.

# R&D| JOURNAL PUBLICATION| AI&DS









**Tharun Kumar M** and **Mary Jerushiya A,** student of **Second year AI&DS 'B'** have published a paper titled **"AI Optiflow Precision Irrigation Management System"** in the International Journal of Innovative Research in Technology, ISSN: 2349-6002.

# MCT | ELECTRIC KART



**Electric Kart Team Brainiacs Racing** from the Department of **Mechatronics Engineering** participated in the **Academy of Indigenous MotorSports (AIMS)** National Level Racing Kart Championship 2024 Session 4 held at Coast Track, Coimbatore between 19th - 22nd August 2024. The Team bagged awards in the following categories:

- Winner in Endurance under EV category Male
- Winner in Endurance Female Category
- Best Skid Pad Award
- Winner in Acceleration Event
- Best Girl Driver

**Best Faculty Mentor (Dr Radhakrishnan Award) to:** Mr. T. Vignesh AP/MCT, and Dr. R. Gopinathan ASP/MCT

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# STUDENTS

# CERTIFICATION

# EEE | INTERNSHIP @ KONE ELEVATORS ESCALATORS

**Internship Offer Letter**

KONE
Elevators Escalators

June 21, 2024

Kabilan A.G,
16, Muruganathapuram Street (South),
Karur - 2.
Sri Krishna College of Engineering and Technology

KONE Elevator India
Private Limited
Prestige Center Court, 9th Floor
The Forum Vijaya Mall
Plot No.183, NSK Salai
Arcot Road, Vadapalani
Chennai 600 026
TAMIL NADU
Tel : +91 66254000
Fax: +91 66254100

Dear Kabilan,

This is with reference to your interest shown in doing an internship with our organization, we are pleased to offer you an internship with our organization in our India Technology & Engineering Centre (ITEC) at Chennai. You will be reporting to P Banuprasath, Assistant General Manager - Escalator Software. Your internship programme begins from 1st July 2024 and ends on 30th May 2025. During your internship you will be paid a consolidated monthly stipend of INR 15,000/- (Rupees Fifteen Thousand Only). You will not be entitled for any other payments or benefits including but not limited to PF, ESI, Insurance, Bonus, etc during this period. You shall abide by the working hours, holidays, company rules and regulations and policies as amended from time to time.

During your internship, you may come across discussions and may have access to confidential business information belonging to the Company including but not limited to trade secrets, product specifications and technology, company projects, customer details, financials, data, and projections. You must keep all information shared with you strictly confidential, and refrain from using it for your own purposes or from copying to your pen-drive or CD or attaching through e-mail or disclosing or sharing it to anyone outside the Company. By accepting this offer of internship, you are hereby confirming that you shall abide by the above confidentiality clause. In addition, you agree that, upon completion of your internship, you will immediately return to the Company all its property, equipment and documents, including electronically stored information in your possession.

Any intellectual property developments including but not limited to process improvements, inventions, patenting, suggestions, discoveries, etc developed or contributed by you during the course of your internship period shall be the intellectual property of the Company and the proprietary rights shall be in the name of the Company unless otherwise agreed upon separately in writing.

Contd…2

**Kabilan A.G** student of, Final year student of **EEE A** has been selected for Internship at **KONE Elevators Escalators, Chennai.**

from 01.07.2024 to 30.05.2025.

# AI&DS | FLIPKART – ONLINE QUIZ

**Soundaryaa SS,** student of **Third** year **AI&DS** has successfully participated in the Online Quiz **"Flipkart Runway: Season 4"** organised by Flipkart.

unstop

Flipkart Runway — Season 4 —   Flipkart

**Certificate of Participation**

This is to certify that
**SOUNDARYAA SS**

from Sri Krishna College of Engineering and Technology (SKCET), Coimbatore has participated in the Online Quiz of the Flipkart Runway: Season 4 organised by the Flipkart .

# SKCET Buzz

## EVENTS

## SKCET | MENTOR MENTEE SCHEME
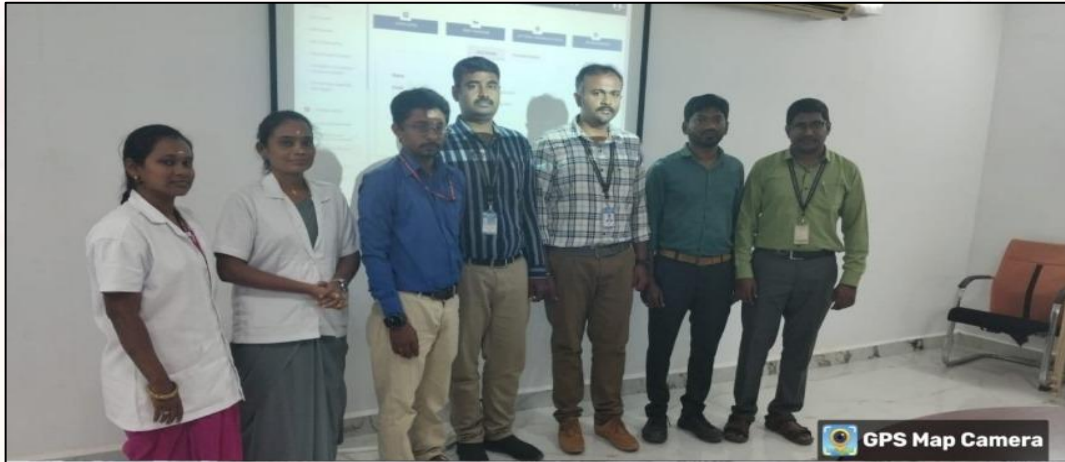


Progress Monitoring cum Feedback & Impact Evaluation Study Visit for RVS Technical Campus was organized on August 22, 2024.

# ECE | IEEE WEBINAR SERIES - DAY 1
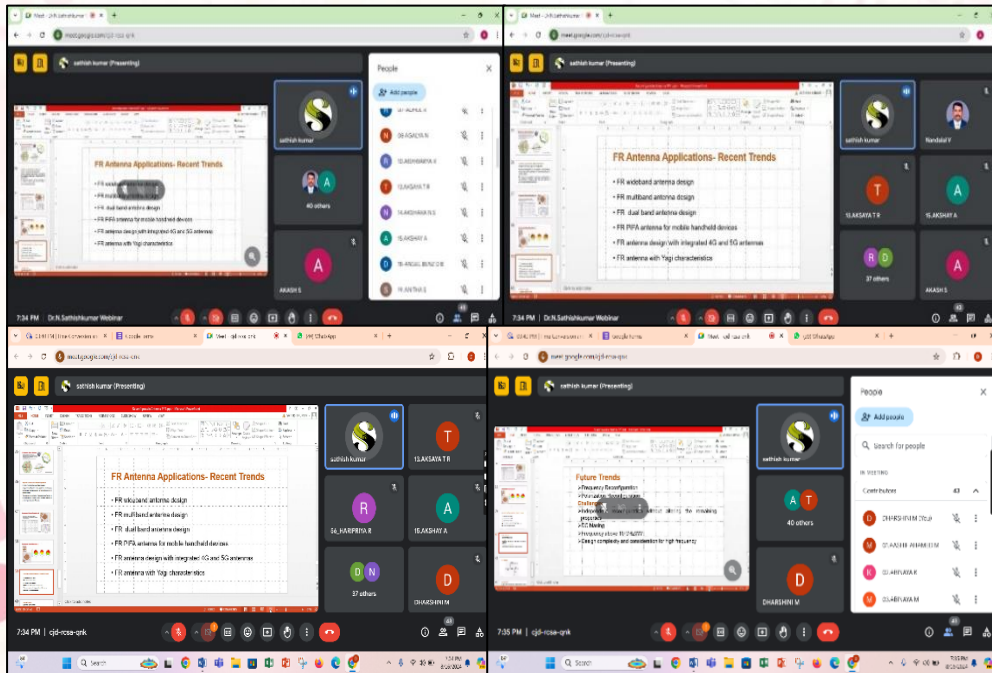


Department of **ECE** and **IEEE students' branch** organized an **IEEE Webinar series** from 16.08.2024 to 22.08.2024 on the cutting-edge technologies and IEEE awareness programme for students.

**Day1**

**Title:** Design and Development of Reconfigurable Antennas for Wireless Communication Systems.

**Resource Person:** Dr N.SathishKumar, Assistant Professor (SI.G) / ECE, KPR Institute of Engineering and Technology, Coimbatore.

**Session Highlights:**

- Applications of Antennas
- Need for the reconfigurable antennas,
- Various techniques to achieve antenna reconfigurability
- Discussion on Dual Band antenna with Dual Polarization (DBDP) based on Characteristic Mode Analysis (CMA),
- Insights on Pattern, Hybrid/Compound Reconfiguration, Future trends and Challenges involved.

# CIVIL | GUEST LECTURE ON DESIGN OF FOUNDATIONS IN REAL TIME PROJECTS



Department of **Civil Engineering** and **SKCET Indian Geotechnical Society Students Chapter** organized an **Industrial Lecture Series** the topic **"Design of Foundations in Real Time Projects"** on 27.08.24. The resource person was **Mr.M.Rathinavel**, Geo technical Engineer, V.K.P. GEOTECH, Coimbatore.

**Session Takeaways:**

- Significance of Geotechnical Engineers
- Foundation and Footing
- Superstructure Loads to Substructure
- Standard Penetration Test
- Dynamic Cone Penetration Test
- Safe Bearing Capacity as per IS code
- Plate Load Test
- Pile Load Test

# ECE | IEEE WEBINAR SERIES - DAY 2 & 3
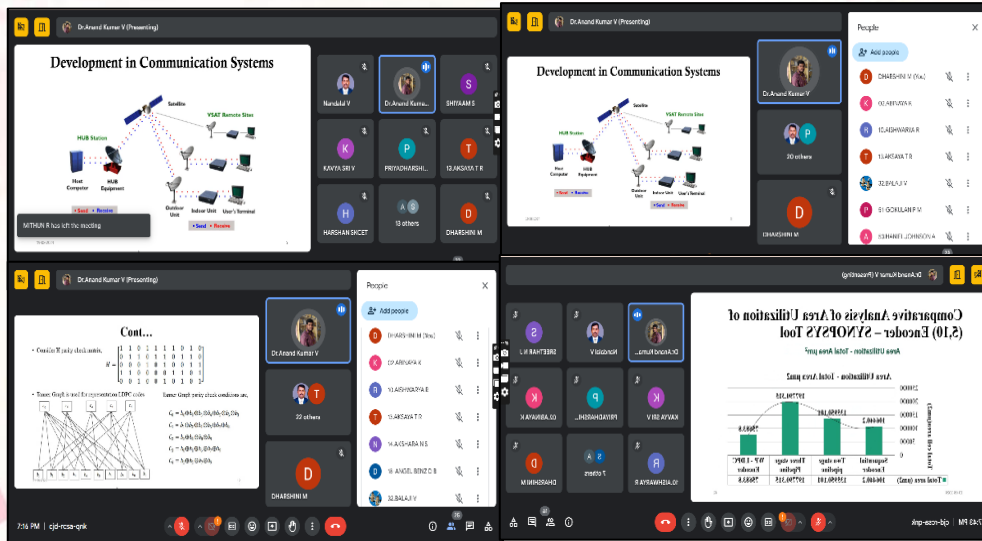


**Day 2: Title:** Codes in Communication
**Resource Person:** Dr V. Anand Kumar, Associate Professor, Department of ECE, Sri Eshwar College of Engineering, Coimbatore.

**Session Highlights:**

- Introduction to transducers and their signal conversion role
- Overview of LDPC encoders for error correction
- Comparison of pipeline vs. non-pipeline architectures
- Three-stage pipelining and MRP technique insights
- Design and simulation of an LDPC encoder in VIVADO

**Day 3:**
**Title:** Miniaturization and Bandwidth Enhancement of Quarter-Mode and Half-Mode SIW Cavity-Backed Antenna for 5G Applications

**Resource Person:** Dr.S.P.Cowsigan, Assistant Professor/ECE, Sri Krishna College of Engineering and Technology, Coimbatore.

**Session Highlights:**

- Introduction to transducers and their signal conversion role
- Overview of LDPC encoders for error correction
- Comparison of pipeline vs. non-pipeline architectures
- Three-stage pipelining and MRP technique insights

# M.TECH CSE & CSD | INTERNAL HACKATHON - SIH 2024



Students of **M.Tech CSE** and **CSD** presented their innovative and thoughtful ideas in the SIH 2024 at the Department level Internal Hackathon conducted on 23.08.2024.

Their ideas were evaluated by the following jury members:

- Dr. U. Barakkath Nisha - Professor and Head, Department of M.Tech CSE and CSD.
- Ms. Priya- Assistant Professor, Department of CSE
- Mr. J. Senthil- Assistant Professor, Department of MTech CSE

The Jury Members gave their valuable feedback on various ideas presented by the students and gave guidance on improvising their prototype to the next level.

# ECE | IEEE WEBINAR SERIES - DAY 4
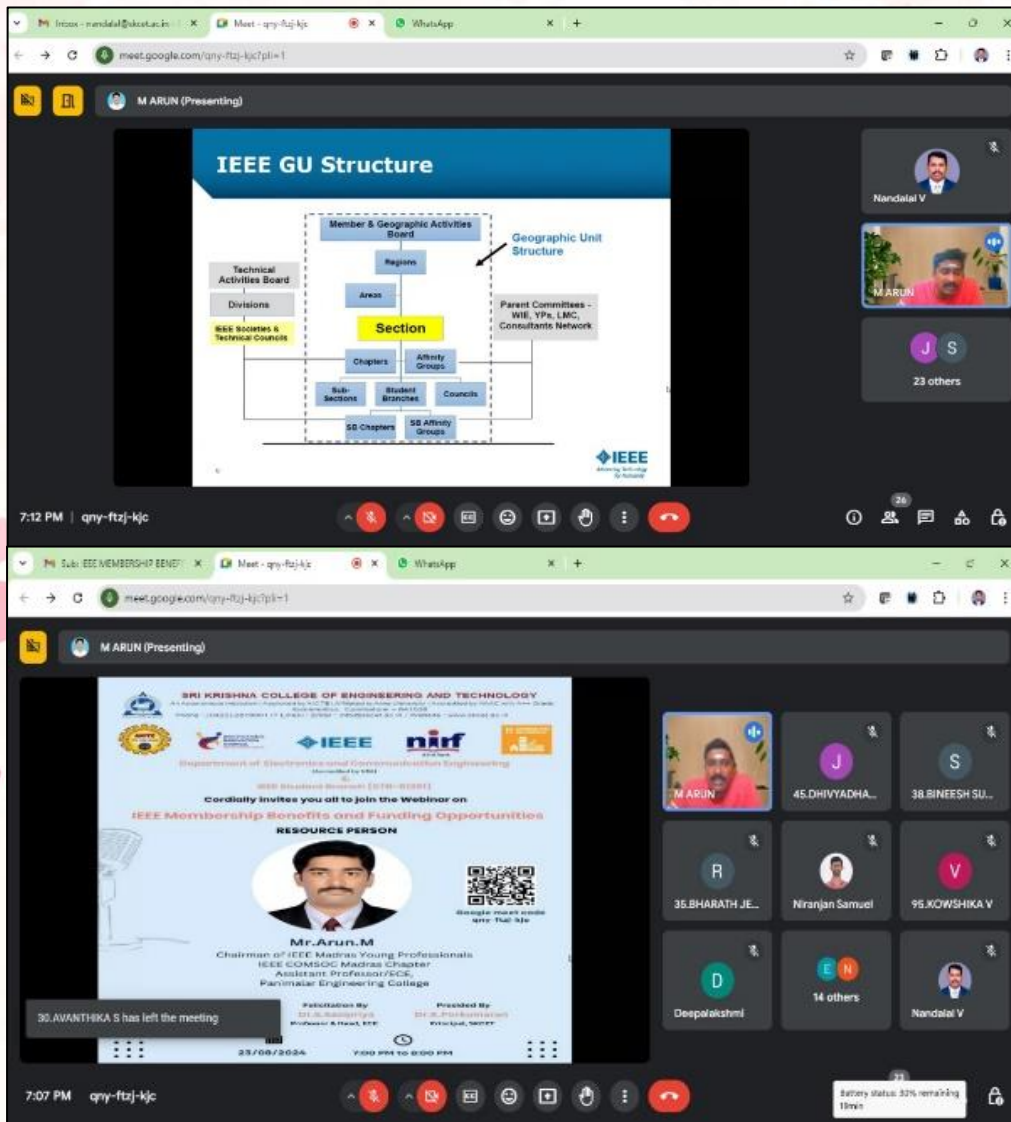


Day 4

**Title:** IEEE Membership Benefits and Funding Opportunities.

**Resource Person:** Mr.Arun.M, Chairman, IEEE Madras Young Professionals, IEEE COMSOC Madras Chapter, Assistant Professor/ECE, Panimalar Engineering College.

**Session Highlights:**

- About IEEE Regions and glimpses about IEEE
- IEEE GU structure, IEEE Membership Benefits
- Benefits to Student Branch from Societies.

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# MCT | WORKSHOP ON THE INTERNET OF ROBOTIC THINGS



The Robotics Society of India sponsored National level Two-day Workshop on **"The Internet of Robotic Things"** organized from 28.08.2024 to 29.08.2024.

**Day 1:** Session 1 & 2

**Resource Person:** Mr.Prasanna, Robotics Engineer, Robomatiic

**Session take-aways:**

- Introduction to IoT & Embedded systems.
- WOKWI simulation.
- LED blinking & Push button control.
- Introduction to sensor interface.
- Ultrasonic & Temperature sensor interface.

# ECE | INDUSTRY LECTURE ON MACHINE LEARNING IN ADAS



Department of **Electronics and Communication Engineering** hosted an industrial lecture for providing an insight on **Machine Learning in Advanced Driving Assistant Systems** on 23.08.2024. The event featured an invigorating session by the esteemed chief guest, **Dr Vimalanathan Rathina sabapathy,** Director of Krish Tech Technologies.

# IT | INTERNAL SIH 2024 PRESENTATION
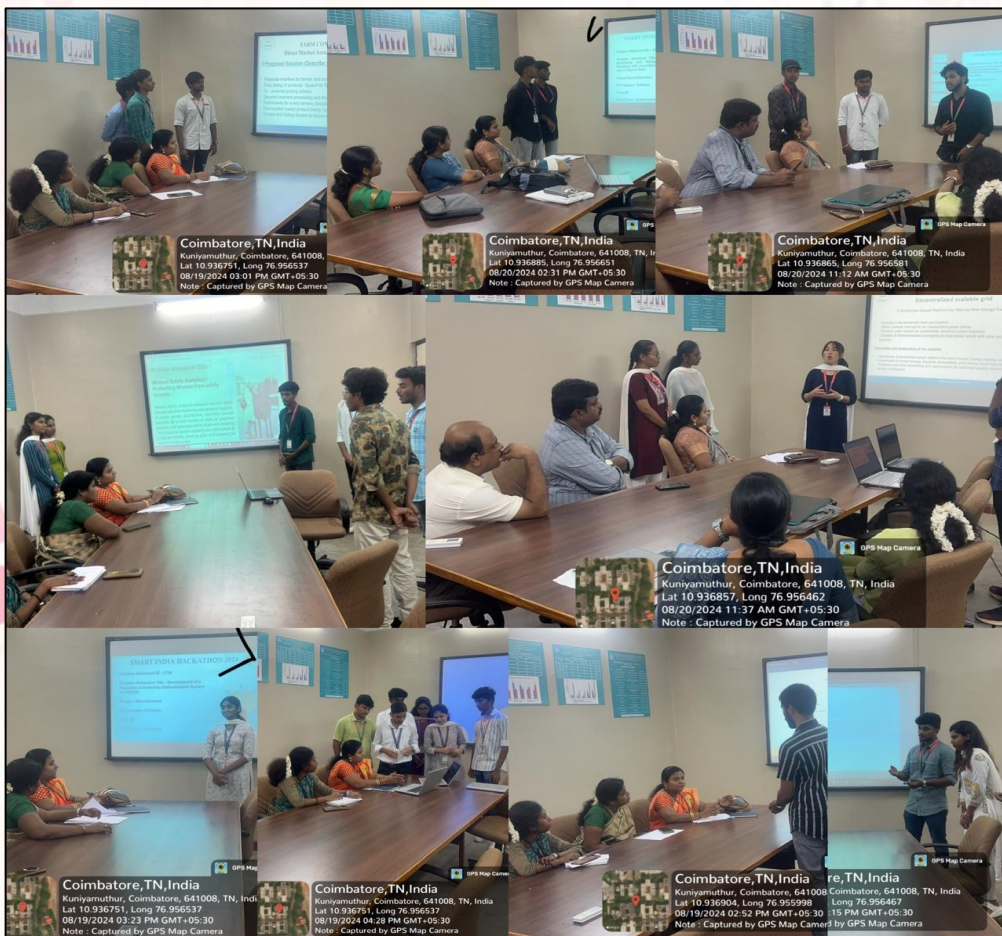


Department of **IT** conducted an Internal Department-level SIH Idea Presentation on 20.8.2024. Students showcased their innovative ideas during the internal presentation. Their ideas were evaluated by the Head of the Department and faculty members. This internal idea presentation not only promoted a culture of innovation and learning but also helped in identifying and nurturing talent, commitments to stay at the forefront of technological advancement. The faculty members of the department provided valuable insights and feedback to help teams refine their ideas further. Totally 30 teams actively participated and displayed their skills, creativity and passion.

# ECE | INDUSTRY VISIT



Third year students of ECE A visited **Signal and Telecom Workshop,** Podanur, Coimbatore, a renowned fabricators and exporters of railway Mechanics on 27.08.2024. During the visit, the students gained excellent exposure to the manufacturing, fabrication and mechanisms of railway openings and communication components through precision investment casting techniques and machining processes.

**Key Learnings:** Railways-Lifting Barrier Gate, GRS Boxes types, Track field battery charger, Timer assembly Multicolour torch, Pedestal Assembly and Octagonal Boom Time delay cancellation circuit

# CIVIL | GUEST LECTURE ON NAVIGATING HIGHER EDUCATION ABROAD: INSIGHTS AND THE ROLE OF IELTS



Kuniyamuthur, Tamil Nadu, India
WXP4+G8M, BK Pudur, Sugunapuram East, Kuniyamuthur, Coimbatore, Tamil Nadu 641008, India
Lat 10.936348°
Long 76.955838°
22/08/24 11:52 AM GMT +05:30

The higher education cell of the **SKCET Civil Engineering** Department conducted a guest lecture on "**Navigating Higher Education Abroad: Insights and the Role of IELTS**" on 22.08.2024. **Mr. Dineshkumar** from **IDP Education** (Study Abroad Consultants), Coimbatore was invited to share his expertise and guide the students through the process of studying internationally.

**Session Takeaways:**

- Understanding Global Opportunities
- IELTS Exam Details
- Preparation Strategies
- Application Process
- Resource Utilization

# MECH | SKILL INDIA PROGRAM



The Government of Tamil Nadu recently launched the Skill India Program to benefit passionate learners. 13 students from the Department of **Mechanical Engineering** actively participated in the Robot Operator and Programming Skill Development Training from August 7th to 12th, 2024. During this training, they learned the fundamentals of robotics, including its components, variants, industrial applications, hands-on operation and programming.

# CSY | ASSOCIATION INAUGURATION



Department of **Cybersecurity** organized its **Association Inauguration CYBER PULSE**. The event was presided by **Dr.S.Sophia** Dean of Research and **Dr.R.Ramesh Kumar**, Dean of Computing Sciences. **Dr.P.Shanthi**, Program coordinator of Cyber Security Department delivered the Welcome Address. **Mr.K.Ganesh Ram,** Test and Security expert, **Siemens Healthineers** delivered the Industrial Lecture Series on **Cyber Threats, Trends and Breakthroughs.**

# NATIONAL LEVEL EFWDC EVENT | MECH



**Team Gepard Racing Electra** from the Department of **Mechanical Engineering** representing SAEINDIA SKCET Collegiate Club has secured **Overall First Prize** with a cash amount of Rs.75000/- in the National Level Electric Four-Wheeler Design Competition (EFWDC 2024) organized by SAE India Southern Section from 24/08/2024 and 25/08/2024 hosted at SASTRA University, Thanjavur.

# CSY | PROJECT EXPO 2024



The inauguration of **Cyber Security** was followed by a **Project Expo 2024**, enthusiastic teams showcased their prototypes to the resource person. The best two projects were awarded.

**Winner: 2nd year CSBS**

- Archisha Rajesh, Bharanidharan G, Swathi S and Trisha N

**Mentor**: Dr.S. Palani

**Runner: 3rd year CSY**

- Ranga Raja R, Gowtham K, Madhusree M S, Madhav shiram S
- Sai Kaushik H and Vainavi B

**Mentor:** Mr. I Anantraj

# MCT | SIH DEPARTMENT LEVEL INTERNAL HACKATHON
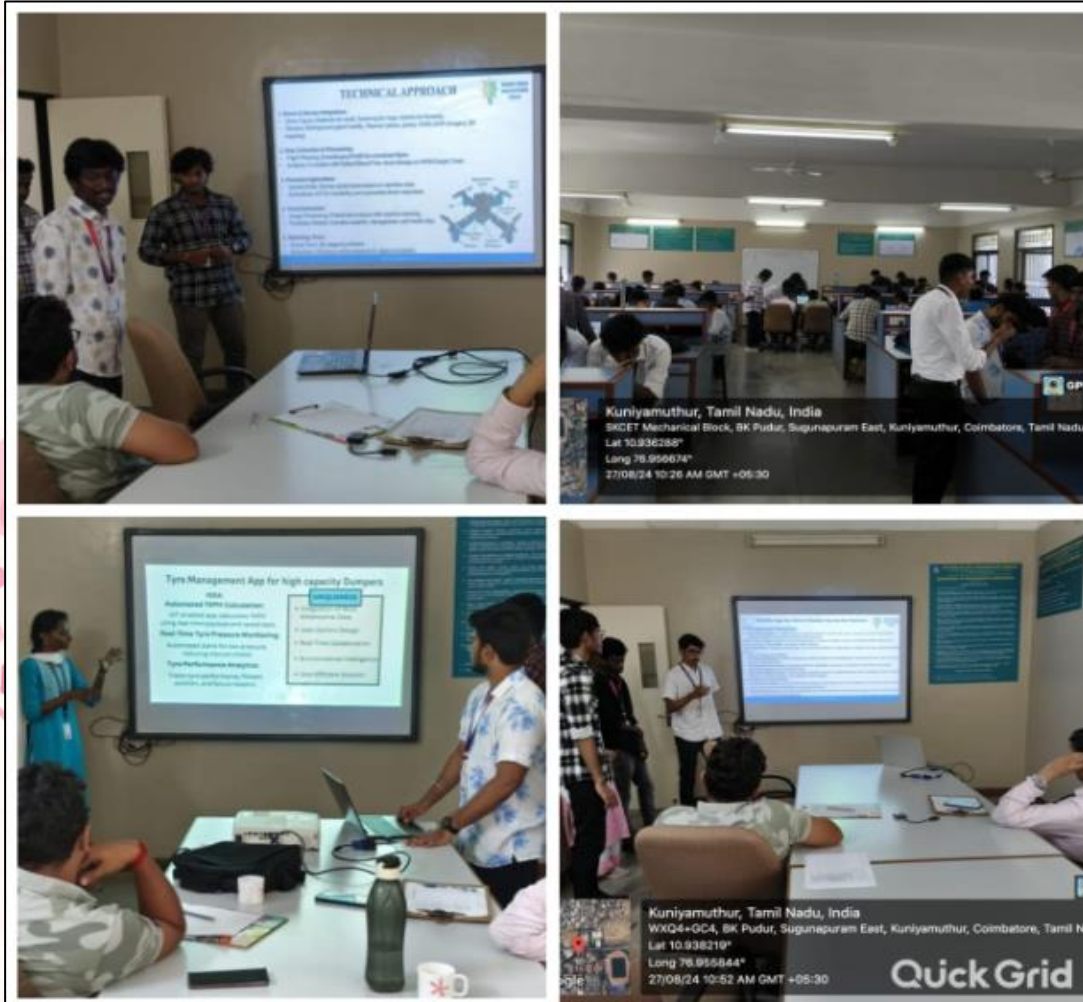


Students of MCT Department showcased their innovative ideas in the SIH 2024 Department level Internal Hackathon conducted on 27.08.2024. Their ideas were evaluated by the following jury members:

**1. Mr. Vignesh Ramkumar,**

CEO of VRK Power Solutions, Coimbatore

**2. Dr. T. A. Selvan**, Professor, Department of Mechatronics Engineering

Totally 21 teams actively participated and displayed their skills, creativity and passion.

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## TUTOR WARD MEETING

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# EEE | TUTOR WARD MEETING





**Dr.K.Muthukumar,** Associate Professor and **Ms.N.Subhalakshmi,** Assistant Professor of **EEE** Department has conducted **Tutor Ward Meeting** for the **Final year EEE B** section students on 22.08.2024. The Pointers of discussion were: Effectiveness of classes, Accenture Placement drive preparation and involvement in involvement in upcoming drives, Importance of attendance, CIA 1 result discussion and Event participation.

# CSBS | CLASS COMMITTEE MEETING



Class Committee Meeting for the students of **CSBS** was conducted by **Dr.G.Shobana**, Associate Professor from Department of **Information Technology** for **Third** year **CSBS** on 14.08.2024. The Meetings revolved around the key points like suggestions or requisites regarding the classes, Hostel Facility, Classroom Interactions about technologies, placement portal test participation and Hackathon participation by the students.

# AI & DS | CLASS COMMITTEE MEETING





Department of **Artificial Intelligence and Data Science** conducted **Class Committee Meeting** for **Third** year **AI & DS** students on 29.08.2024. **Dr.V.K.Reshma,** Associate Professor, Department of **CSE** was the Chairperson of the meeting. The points of discussion were:

- Syllabus completion status
- Placement test status
- Hackathon participation
- Mini Project
- General issues

# AI & DS | CLASS COMMITTEE MEETING
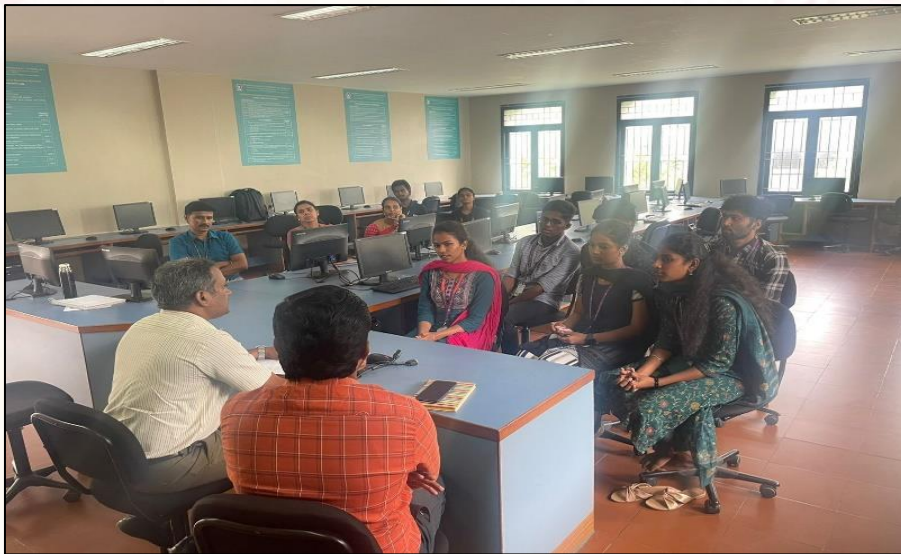




Department of **Artificial Intelligence and Data Science** conducted **Class Committee Meeting** for the **Second** year **AI & DS 'A'** students on 28.08.2024. **Dr.B.Karthikeyan,** Associate Professor, Department of **EEE** was the Chairperson of the meeting. The pointers of discussion were:

- Academic Progress
- Syllabus completion
- Participation in Hackathons and General concerns

# AI & DS | CLASS COMMITTEE MEETING





Department of **Artificial Intelligence and Data Science** conducted **Class Committee Meeting** for the **Second** year **AI & DS 'B'** students on 28.08.2024. **Dr.V.Vijeya Kaveri,** Professor, Department of **CSE** was the Chairperson of the meeting. The pointers of discussion were:

- Syllabus completion status
- Placement daily test status
- Hackathon participation
- General issues

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## PLACEMENT AND TRAINING

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# SKCET | INFOSYS SPRINGBOARD SUMMIT



**Dr. Jayasudha Subburaj**, Dean Placement and **Dr.M.Kavitha**, Assistant Professor , CSE have been recognized and invited for Infosys Springboard Summit 2024 on 23rd August at Infosys Campus, Bengaluru

SKCET has achieved stupendous success in the Infosys Springboard Platform and has topped in Tamil Nadu region for excelling in certifications, about 1131 SKCET students have been certified in niche skills like AIML, NLP, Data science, Cyber security, block chain & DevOps. SKCET has secured top position in several key categories, including the Number of Registered Users, Total Certifications Completed and Total Courses Completed in the Infosys Springboard Platform.

## Highlights:

- Infosys Springboard is a Platform provided by Infosys for its partner colleges, focused on improving the digital learning experience for every learner across the spectrum.

- It is led by a dedicated team of experts collaborating globally with the Infosys Education Training and Assessment (ETA) team, curriculum partners, non-profits and a global network of leading educational institutions.

# SKCET | INFOSYS SPRINGBOARD FEP SERIES 3 - PYTHON PROGRAMMING



Following faculty members of SKCET are attending 5 days Infosys Springboard - Faculty Enablement Program (FEP) in Python Programming, it is an Infosys initiative to prepare faculty members with the latest teaching methods and use of technology to impart effective education.

**Faculty members:**

1. Dr.K.Ramesh / CSE

2. Dr.T. Keerthika/ IT

**Session Highlights:**

- Interesting facts about Python
- Tips to write Efficient Python code
- Real Time Applications

# SKCET | TESTIMONIAL BY PLACED STUDENTS

My journey at Sri Krishna College of Engineering and Technology as a 2024 Mechanical Engineering graduate was truly transformative, laying the groundwork for my professional career. Thanks to the dedicated placement team and supportive faculty, I successfully secured a sought-after position at Schwing Stetter through the college's placement training. The holistic education and hands-on training I received instilled in me the skills and confidence needed to thrive in my career. I am deeply grateful for the opportunities, mentorship, and academic environment provided by my alma mater, which have been pivotal in shaping my success.

**NAVEEN S V,
Mechanical
Schwing Stetter**
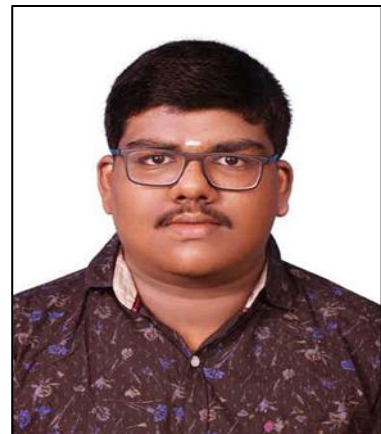
# SKCET | TESTIMONIAL BY PLACED STUDENTS

My name is Ramya M and I recently graduated from the Mechatronics Engineering program in the 2024 batch at SKCET. My journey at SKCET has been incredibly rewarding, providing me with a wealth of knowledge and experience. Throughout my time there, I actively participated in both academic pursuits and extracurricular activities. SKCET played a pivotal role in enhancing my skills through participation in various hackathons and events. Additionally, I secured an internship at Kone during my third year, followed by a placement at JSW Salem, thanks to the support of the placement sessions and the dedicated staffs in my department. I am grateful to my parents, the SKCET management, the principal, and the entire SKCET community for nurturing my career and providing me with a solid foundation for success.

**RAMYA M,**

**MCT,**

**JSW**

**SKCET**

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# RESEARCH AND DEVELOPMENT

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# R&D | BOOK CHAPTER PUBLICATION | EEE



**Dr.N.Loganathan,** Assistant Professor, **EEE** Department has published a book chapter entitled **"Electric Vehicle Dynamic Wireless Charging & Cloud Based Measurement"** by LAMBERT Academic Publishing ISBN**:** 978-620-6-84558-4.

# R&D | PAPER PUBLICATION | ECE

**Dr.V.Nandalal**, Professor, Department of **ECE**, has published SCI and **Scopus indexed Journal titled "A novel swarm intelligence-based fuzzy logic in efficient connectivity of vehicles"** in the Journal, International Journal of Communication Systems. DoI: https://doi.org/10.1002/dac.5795.
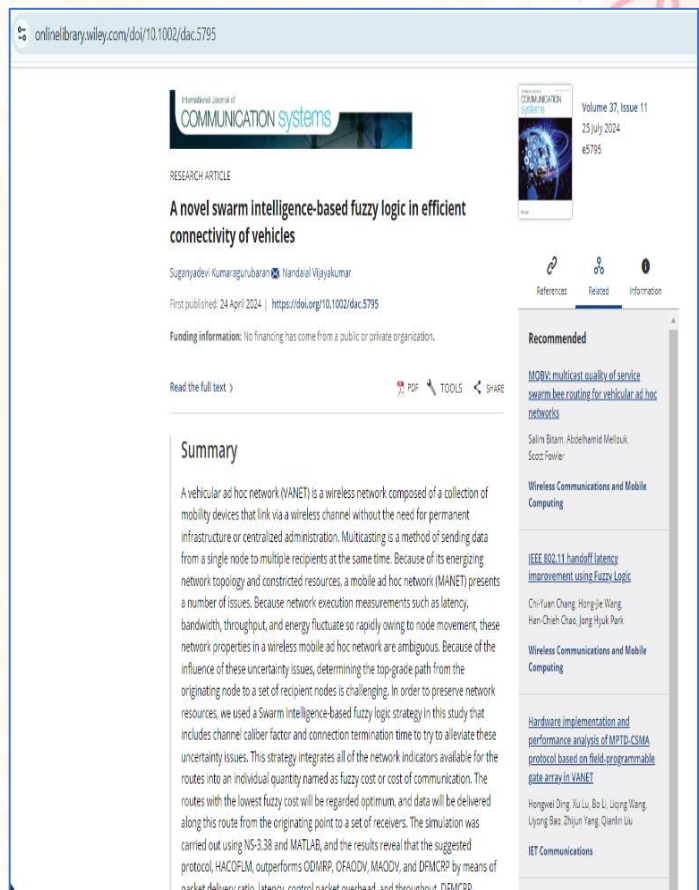
# R&D | DESIGN PATENT | MCT



**Dr. S. Madhan Kumar**, Assistant Professor of **Mechatronics Engineering** has filed a design patent on **"Smart Adjustable Pillow"** along with third year students **Mr.M.Charanjith, Mr.B.Gokul, Mr.K.Athil** and **Mr.V.Gopinath.**

# CAN YOU SOLVE?



🍎 + 🍎 + 🍎 = 120

🍎 + 🍌 + 🍌 = 100

🍌 + 🟣 + 🍎 = 105

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**SKCET**

# FACULTY

# CERTIFICATIONS

# AI&DS | INFOSYS SPRING BOARD





**Mr.G.S.Pugalendhi,** Assistant Professor of **AI&DS** has successfully completed courses titled "**Introduction to Business Intelligence**" and "**Introduction to NoSQL databases**" offered by **Infosys Springboard** on 26.08.2024

# AI&DS | GREAT LEARNING

**Mr.S.Senthil Kumar,** Assistant Professor of **AI&DS** has successfully completed a course titled "**Intro to Graphics Design with Photoshop**" offered by **Great Learning**.

# AI&DS | INNOVATION AMBASSADAR



Dr.T.Sujatha, Associate Professor of **AI&DS** has undergone Innovation Ambassador Training **"Reskilling"** conducted by **MOE's Innovation Cell & AICTE.**

# AI&DS | FACULTY DEVELOPMENT PROGRAM ML AND DL

**Dr.T.Sujatha,** Associate Professor of **AI&DS** has participated Faculty Development Programme on **"Machine Learning and Deep Learning: Recent Trends and Applications"** organized by Government College of Technology, Coimbatore from **19.08.2024** to **23.08.2024.**

# ECE | FACULTY DEVELOPMENT PROGRAM

**Dr.S.M.Asha Banu**, Assistant Professor from the department of **ECE** has attended NITTTR sponsored One week Faculty Development Programme on **"IoT Enabled Embedded systems"** from 22.07.2024 to 26.07.2024.

# ECE | FACULTY DEVELOPMENT PROGRAM

**Ms N Kalaivani,** Associate professor and **Ms D V Soundari** from the department of **ECE** has have attended TamilNadu Government sponsored One week Faculty Development Programme on "**Machine learning and Deep Learning: Recent trends and Applications"** from 19.08.2024 to 23.08.2024 organized by GCT Coimbatore.

# MECH | FACULTY DEVELOPMENT PROGRAM

**Mr.K.N.Gunasekaran**, Assistant Professor, **Mechanical** Engineering participated in one week Virtual National Level Faculty Development Program on "Modern Trends in Manufacturing Process", organized by the Department of Mechanical Engineering at Easwari Engineering College from August 5, 2024 to August 10, 2024.

# MECH | FACULTY DEVELOPMENT PROGRAM

**Dr.Rasi D,** Professor, and **Ms.Pooranam N**, AP, CSE has participated in **Five days Faculty Development Programme** on **"Internet of Things for emerging Technical Applications"** organized by Department of Electronics and Communication Engineering held from **12-08-2024 to 17-08-2024.**

# CSE | NITTTR - PROFESSIONAL DEVELOPMENT PROGRAMME



**Dr.G.Vijaya,** Professor, **Computer Science and Engineering** has participated in the **Professional Development** Programme on **"Internet of Things"** conducted by **National Institute of Technical Teachers Training and Research, Chennai**, from 29-7-2024 to 2-8-2024.

# IT | INFOSYS CERTIFICATION

**Dr.T.Keerthika**, Associate Professor **IT** has successfully completed a course on **"Basics of Python"** on 28-08-2024 certified by Infosys Springboard.

# SKCET Buzz

## ALUMNI

## CORNER

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# CIVIL | ALUMNI INTERACTION



**Civil** Engineering Alumni, **Er. Aswin R**., 2013 – 2017 Batch delivered a session on **"My Entrepreneurial Journey and Learnings"** to the **Third** year students on 30.07.2024. He is currently the CEO of Aswin Constructions, Coimbatore. **Er.Aswin** shared his experience and gave solutions on how to overcome the challenges faced during his journey. It was a very productive session on Entrepreneurship by our alumni.

**Key outcomes:**

- What it takes to be a successful entrepreneur
- Different Entrepreneurial Opportunities in Civil Engineering
- Expertise required mastering a domain
- Challenges in Entrepreneurial Journey

# CIVIL | ALUMNI INTERACTION
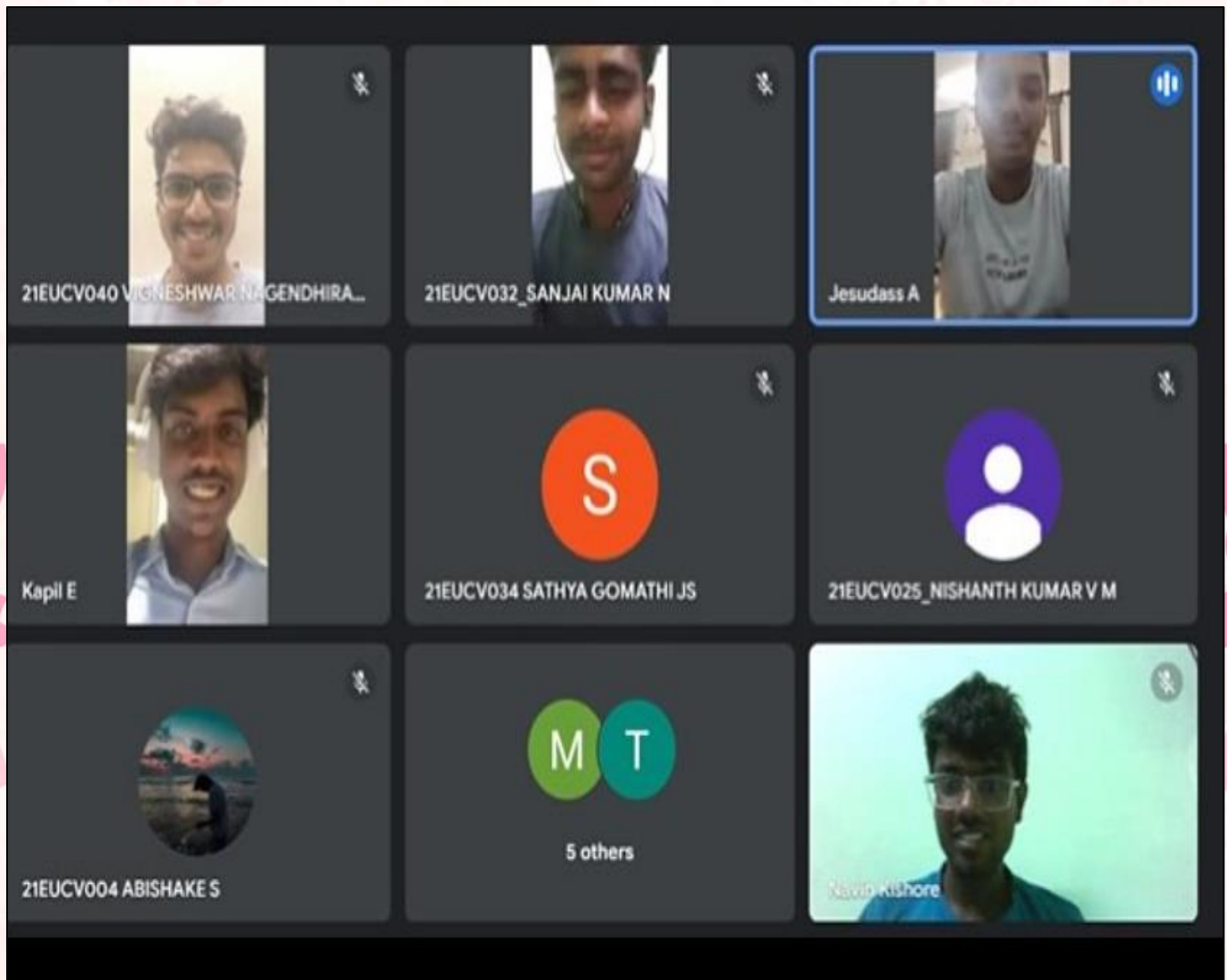


**Er. E.Kapil,** Alumni of **Civil** Engineering (2020 – 2024 Batch), addressed the **Final** year students regarding the **Sobha LLC drive.** He is currently working as a Graduate Engineer Trainee in QS & Costing at Sobha LLC Commercial Division, Dubai. He narrated his experiences during Sobha's drive and gave valuable insights on how to face the Interview, Group Discussion as well as personal and technical HR.

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# ECE | WORLD HUMANITARIAN DAY 2024: CELEBRATING GLOBAL SOLIDARITY



Every year, August 19th stands as a poignant reminder of the courage, compassion, and unyielding dedication of those who work tirelessly in humanitarian efforts across the globe. World Humanitarian Day, established by the United Nations in 2009, honours the memory of humanitarian workers who have lost their lives in the line of duty and celebrates the unwavering spirit of those who continue their vital work under often challenging conditions.

In 2024, as we reflect on the incredible achievements and ongoing challenges in humanitarian efforts, we are reminded of the critical importance of solidarity and partnership. The world is increasingly interconnected, and so are the challenges we face—whether they be climate change, displacement crises, or pandemics. Addressing these issues requires a unified approach, with governments, organizations, and individuals coming together to foster resilience and provide relief.

**HARI RITHANYAA S**
**IV ECE**

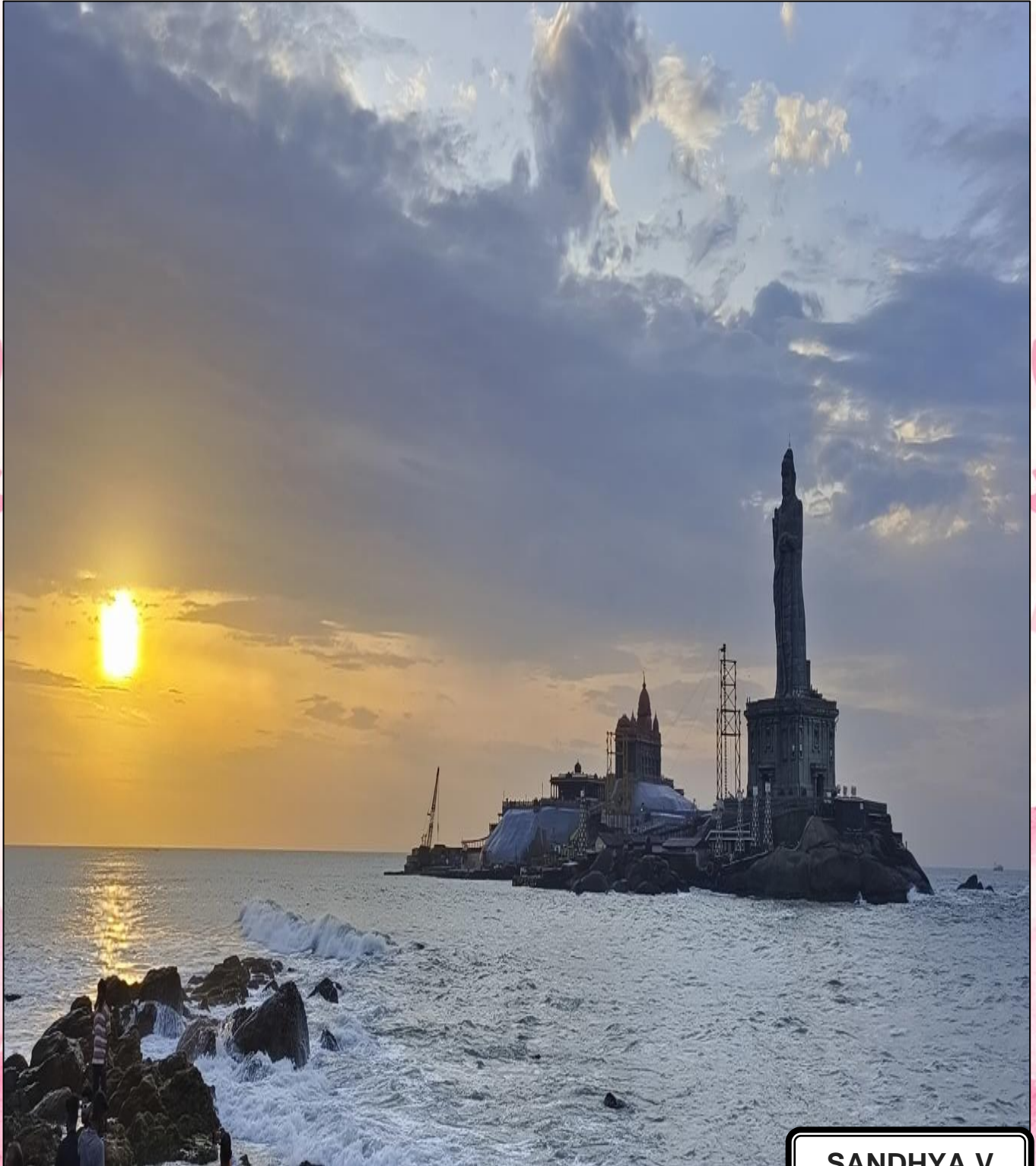# ECE | NATIONAL SPORTS DAY: CELEBRATING THE SPIRIT OF ATHLETIC EXCELLENCE



National Sports Day, observed annually on August 26, is a celebration dedicated to honoring the incredible achievements and contributions of athletes across the nation. This day highlights the importance of sports and physical fitness, promoting an active lifestyle and recognizing the dedication of sports professionals who inspire us with their skill, perseverance, and sportsmanship.

On this special day, communities across the country come together to celebrate through various events and activities. Schools, sports clubs, and organizations host sports meets, friendly matches, and fitness challenges, encouraging people of all ages to participate and engage in physical activities. From running races and basketball tournaments to yoga sessions and dance-offs, National Sports Day is a vibrant showcase of athletic talent and enthusiasm.

**HARI RITHANYAA S**

**IV ECE**

# AI&DS | CREATIVE CORNER



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