

SKCET



25th - 31st JANUARY 2025



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INSTITUTIONAL EVENTS



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Let's celebrate the
Spirit of democracy and the
Strength of Unity that make our
Nation great
Happy Republic Day

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SKCET | 76th REPUBLIC DAY CELEBRATION



In a powerful demonstration of national pride and unwavering patriotism, the SKCETians came together as one unified family to administer the Oath of Allegiance to the Republic of India. This solemn moment underscored the collective commitment of students and faculty members to uphold the values of democracy, unity and progress, reflecting the true essence of our national identity.

SKCET | 76th REPUBLIC DAY CELEBRATION



An insightful speech marking the 76th Republic Day was delivered by **Dr.K Sundararaman,CEO,SKI**

Highlights of the Speech:

- Call for collective efforts in building a prosperous and harmonious nation.
- Responsibility of every citizen in overcoming challenges.
- Purpose of building a strong constitution.

SKCET | 76th REPUBLIC DAY CELEBRATION



An empowering Republic Day address was delivered by **Dr. K. Porkumaran**, Principal, SKCET.

Key Highlights of the Speech:

- Transformative initiatives by the Indian government to forge a stronger, self-reliant nation.
- The pivotal role of engineers in shaping the future of India.
- Celebrating the unparalleled strength and vision enshrined in the Indian Constitution.

The speech left the audience inspired and brimming with pride for the Nation.

SKCET | 76th REPUBLIC DAY CELEBRATION



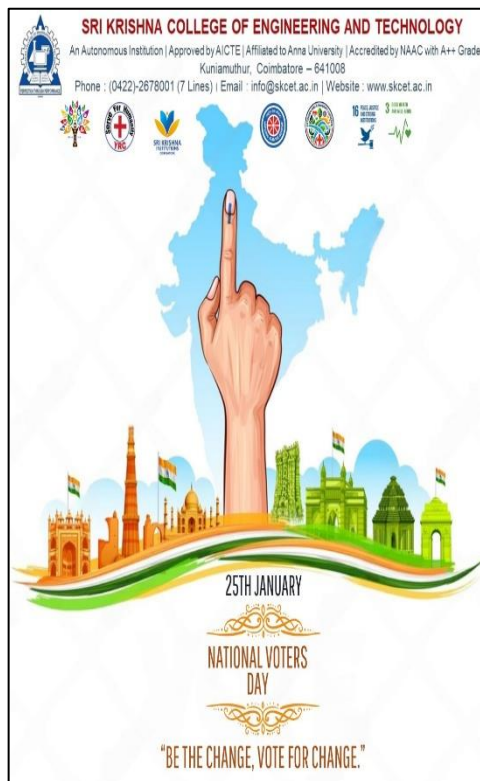
In a heartfelt celebration of India's glory and the sacrifices of its valiant freedom fighters, the students of SKCET mesmerized the audience on Republic Day with their captivating patriotic song and dance performance. Through graceful tunes and powerful expressions, they beautifully conveyed their love and reverence for the nation, leaving the spectators inspired and filled with patriotic pride.

SKCET | 76th REPUBLIC DAY CELEBRATION



SKCET family relished the moments of true freedom and patriotism. The celebration was concluded with distribution of sweets to all.

SKCET | VOTERS DAY PLEDGE



The National Voters Day **Pledge Taking Ceremony** was organized at SKCET Campus on 25.01.2025, emphasizing the importance of **active citizen participation** in the democratic process. The event aimed to raise awareness among students and faculty about the **significance of voting** and their crucial role in strengthening democracy.

Our respected Principal, **Dr. K. Porkumaran**, addressed the gathering and highlighted the **pivotal role of youth** in shaping the nation through active electoral participation.

Students and faculty members together **administered the oath** and solemnly promised to uphold the democratic values of the country respect the rights of every citizen and ensure free, fair and informed elections. The ceremony served as a meaningful platform to instill a **sense of responsibility** and **commitment** toward the democratic process among the SKCET family.

Faculty Coordinator: Dr.Anandakumar, AP/S&H, YRC Coordinator

SKCET | UYIR CLUB ACTIVITY



An exclusive road safety awareness program for the students of **Sri Krishna College of Engineering and Technology** was organized on 25.01.2025. The event aimed to educate students on the importance of road safety, traffic rules and responsible behavior to reduce road accidents and ensure public safety.

Session Speaker: Dr. A. Indhuleka, Program Coordinator, S&H

Highlights of the Programme:

- Common causes of road accidents and preventive measures
- Importance of following traffic rules, wearing helmets and using seat belts
- Consequences of reckless driving and over speeding

This initiative reflects SKCET's commitment to creating socially responsible individuals who contribute positively to society.

Faculty Coordinator: Ms. R.Geethamani, AP/EEE



STUDENTS PROGRESSION



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SKCET | IEEE INDIA COUNCIL AWARD - PRINCIPAL FELICITATION



Akash S, IEEE STB Chair of Sri Krishna College of Engineering and Technology (IEEE STB 61261), was honored with the prestigious **IEEE India Council Awards - Outstanding Student Volunteer Award**. This award was presented by **Dr. Debabrata Das**, Chair of IEEE India Council, in recognition of his exceptional dedication and outstanding contributions as a volunteer within IEEE. The award ceremony took place at IIT Kharagpur, West Bengal, on December 20, 2024, during the INDICON 2024 Conference, a nationally renowned event celebrating excellence and talent.

He was felicitated by **Dr. K. Porkumaran**, Principal, Sri Krishna College of Engineering and Technology, for bringing this prestigious honor to the Institution.

AI&DS | RSFI NATIONAL CHAMPIONSHIP - 2024



Manoj Karthik B, a student of **B.Tech Artificial Intelligence & Data Science** (A Section) has achieved a remarkable feat by securing the Silver Medal in the **RSFI National Championship 2024**. The prestigious event, organized by the Roller Skating Federation of India in collaboration with the Pollachi Skating Association, was held in Pollachi.

The prize distribution ceremony witnessed the presence of esteemed dignitaries, including Mr. Manickam, Chairman of Sri Sakthi Groups, Ganapathy Rajkumar, MP (Pollachi Constituency), and Mr. Chandrasekar, Hon. Secretary of the Coimbatore District Roller Skating Association, who felicitated the winners. Adding to his accolades, Manoj Karthik B also received a cash award of **₹2 lakhs** from **Deputy Chief Minister Udhayanidhi Stalin** for securing the Bronze Medal at the 61st RSFI National Skating Championship held at the Chandigarh Roller Skating Stadium,

ECE | TATA TECHNOLOGIES INNOVENT 2024



Mohammad Ajmal , Netra and Madhura, students of Final- **Electronics and Communication Engineering Department** were shortlisted among the Top 10 teams out of 267 colleges with 9,389 participants from all over India in the Tata Technologies InnoVent 2024, focused on Generative AI.

Tata Technologies' Business Excellence team and Subject Matter Experts (SMEs) facilitated over 1,100 hours of Generative AI innovation training and mentoring to help the project teams scale their ideas for real-world applications. The team won Third place with a cash prize of **₹50,000** and a paid internship offer at Tata Technologies. The award ceremony took place on the Demo Day at Tata Technologies' Hinjewadi, Pune campus on January 22, 2025.

MECH | SAE ISS NATIONAL LEVEL ELECTRIC TWO-WHEELER DESIGN COMPETITION

ELECTRIC TWO WHEELER
DESIGN COMPETITION 2024
5th Edition



Two teams, **ELECTROVOLT** and **THUNDERVOLT**, comprising 20 members from the **Mechanical Department**, participated in the **SAE ISS National Level Electric Two-Wheeler Design Competition** held at Rajalakshmi Engineering College, Chennai, on January 25th & 26th.

TEAM ELECTROVOLT: Third Prize (Overall) Cash Prize - ₹25,000/-

Team Members: Jagadeeswaran K - III MECH A, Jebeen Dhas A - III MECH A, Vikas Justin V K - III MECH B, Thavatharshni S - III MECH B, Lokeshwar R V - II MECH A

Manasa P - II MECH B, Madhanraj C - II MECH B, Suresh Kumar K - II MECH B, Yuvasri R - II MECH B, Thithiksha S L - II MECH B,

TEAM THUNDERVOLT: Third Prize in Maneuverability- Cash Prize - ₹5,000/-

Team Members: Abinov R - III MECH A, Karthick Kumar S - III MECH A, Abishek Ap - III MECH A, Gokul G - II MECH A, Hari Prakash R T - II MECH A, Kamala Kannan S - II MECH A, sri Hari S - II MECH B, Gayathri S - II MECH A, Poonkodi E - II MECH B, Umamageshwari K - II MECH B

MECH | COINDIA SKILL TRAINING



Final year students of **Mechanical Engineering** attended the skill and job oriented training to meet the modern industry requirements at COINDIA training Centre, Coimbatore. **Mr.Rajaji**, Head Training and Placement COINDIA and **Mr.Senthilkumar**, L&D Head TITAN Foundries handled the session.

ECE | STUDENTS INTERNATIONAL INTERNSHIP



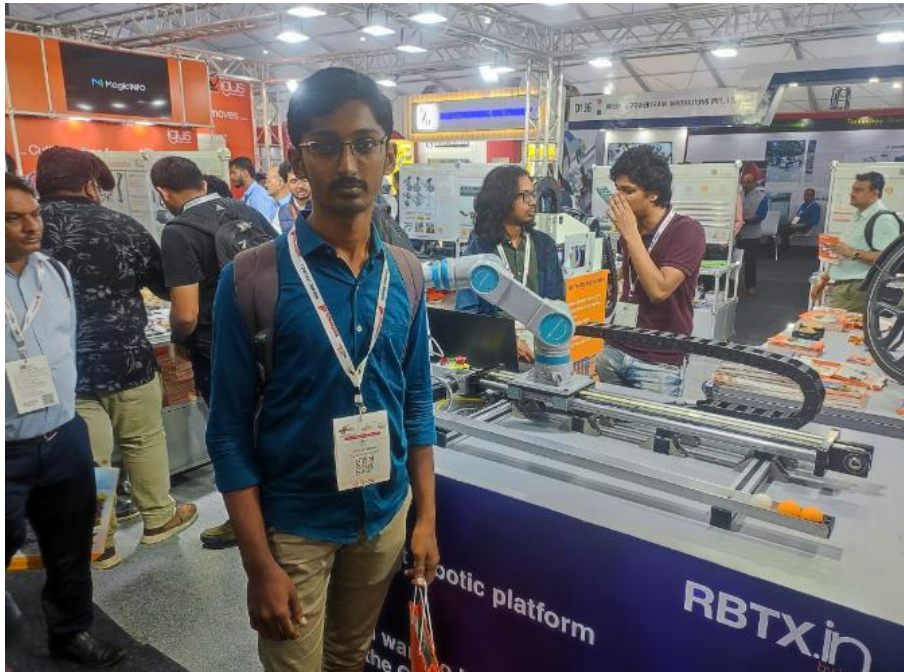
Nivedha E, student of **Second** year **ECE** has attended 15 days internship from 28.11.2024 to 14.12.2024 offered by **Robomatics private Limited, Coimbatore**. Internship's highlights were: Know the parts and motions of the robot and manually guide it to its destination. Create software that allows industrial robots to carry out tasks including part sorting, pick and place, 2D path following, glue, spot welding, and spray painting to Independently run the Industrial Robot for a variety of applications and test the programs.

CIVIL | STUDENT PARTICIPATION



Second and Third year Civil Engineering students attended the **Buildmat Tech Talk 2025** at PSG Convention Centre, Coimbatore on 24th January 2025. Students also visited various stalls showcasing new innovative products available in the market in Buildmat 2025. These visits also provide a platform for the students to interact with industry experts and get to know the significance of their products.

MCT | STUDENT PARTICIPATION



Yogeshwaran, student of **Second** year **Mechatronics** Department has attended the **IMTEX expo** at Bangalore on 24.01.2025.



STUDENTS CERTIFICATION



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AI&DS | SUSTAIN- AI – THON 2025



Vishal G, Atimanyu K, Vishnuram V and Shiraam K, students of Third year AI&DS have actively participated in the 48-Hour National Level **SUSTAIN- AI – THON 2025** conducted from 20.01.2025 to 21.01.2025 organized by **VIT Chennai**.

MCT | STUDENT CERTIFICATION



Yogeshwaran T and Ravi Arumuga Raja SK, Second year students of Mechatronics Engineering have participated in the **“Automobile and EV”** workshop conducted by Techfest, IIT Bombay from 17th December – 19th December 2024.



EVENTS



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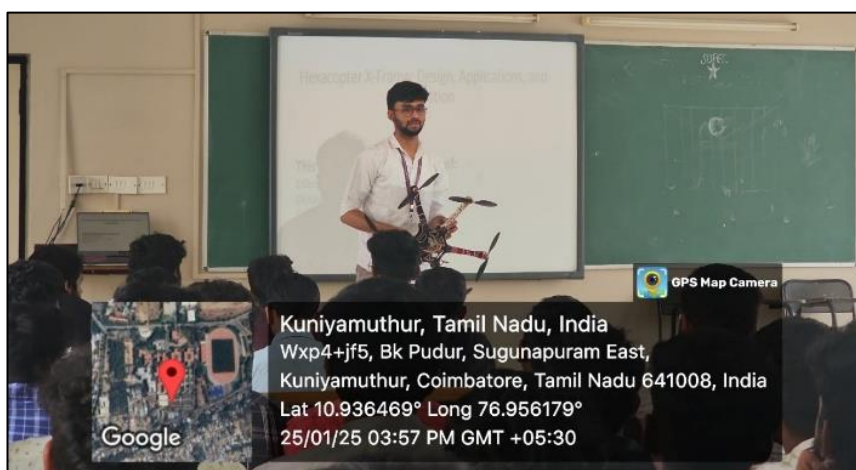


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ECE | ASSOCIATION ACTIVITIES- DRONE CLUB



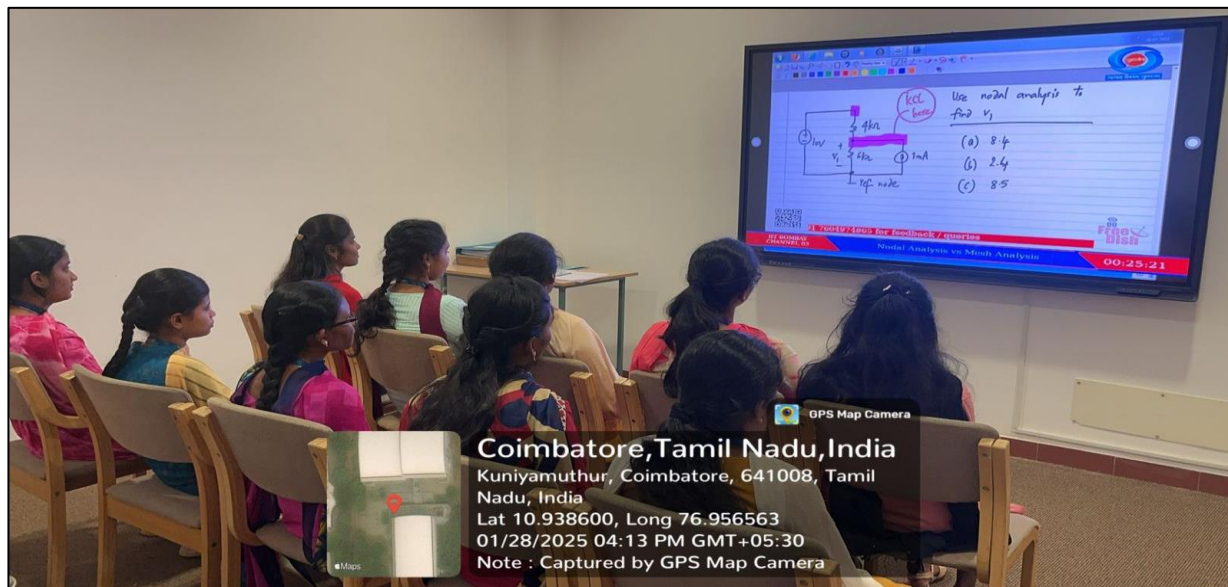
Department of **ECE** conducted Drone Club Event on 25.01.2025. This event marked the beginning of an exciting journey for students passionate about drone technology and its applications. The session aimed to enlighten the audience about the various aspects of drones, including their structure, functionality and potential real-world applications. The highlight of the day was an impressive demonstration of a student-built **Hexacopter**, showcasing the talent and dedication of the young engineers of SKCET. The session emphasized the goal of providing foundational knowledge about drone frames and their classifications, encouraging students to pursue creative projects in the field of drones. Demonstrating the potential of drone technology through hands-on examples, including the model hexacopter developed by an ECE student.

MECH | MOTIVATING TALK TO GATE ASPIRANTS



Dr. P. Ashoka Varthanan, Dean-Innovation & HOD of **Mechanical Engineering**, delivered a motivating talk to the Third-year Mechanical Engineering students who are preparing for the upcoming GATE exam on 02.02.2025. He encouraged the students to stay calm and focused, stressing the importance of revising key concepts, practicing problem-solving and managing time effectively in the final days leading up to the exam.

EEE | SWAYAM PRABHA CHANNEL PROGRAM



The First year **Electrical and Electronics Engineering** students engaged in an enriching learning experience by watching the Swayam Prabha Channel program on Theorems (Course: Circuit Theory) at the state-of-the-art AV Theatre -1, Vankatram Learning Centre, on 28.01.2025.

CSD | MOTIVATIONAL TALK FOR GATE ASPIRANTS



Dr U Barakkath Nisha Head, Department of **M Tech.CSE** and **CSD** motivated the GATE Exam aspirants at CS conference Hall on 27.1.2025. Highlights of the talk: emphasized that the GATE examination is more than just a test—it is a gateway to limitless opportunities. Whether aiming for admission to prestigious institutions like IITs and NITs for postgraduate studies, delving into groundbreaking research, or securing a coveted position in Public Sector Undertakings (PSUs), GATE serves as the ultimate launchpad for success.

EEE | SWAYAM PRABHA CHANNEL PROGRAM



Third year **Electrical and Electronics Engineering** engaged in an enriching learning experience by watching the Swayam Prabha Channel program on the topic **Synchronous Motors (Course: Electrical Machines)** at the AV Theatre -1 at Vankatram Learning Centre on 27.01.2025. Theorems (Course: Circuit Theory) at the state-of-the-art AV Theatre -1, Vankatram Learning Centre, on 27.01.2025.

M.TECH.CSE | WORKSHOP ON CUTTING-EDGE PRACTICES IN SOFTWARE ENGINEERING



Department of **M.Tech CSE** in association with **Fortune Cybernauts Club** organized a Workshop entitled “**Cutting-Edge Practices in Software Engineering**” on 25.1.2025 for the students of CSD and M.Tech CSE. The students eagerly participated and gained knowledge about current trending practices in Software Engineering

Resource Person:

Ms. Vanishree Venugopal, Manager at Capgemini, Chennai

Session Highlights:

- G-board
- Devops
- Advance software design pattern,
- Microservices architecture.
- Serverless computing.

EEE | SWAYAM PRABHA CHANNEL PROGRAM



Second year Electrical and Electronics Engineering students engaged in an enriching learning experience on the topic **Amplifier Small Signal Analysis** (Course: Analog Electronics) at the AV Theatre -1 at Vankatram Learning Centre on 28.01.2025.

CIVIL | GATE MOTIVATION SESSION



A GATE motivation Session was organized for the **Third-year** Civil Engineering Students on 27.01.25. **Dr. P. Muthupriya**, Professor and Head, Department of Civil Engineering talked about the strategies in GATE preparation and Career opportunities after the GATE exam.

ECE | SED PROGRAM



Department of **ECE** in association with **Zeekers Pvt Ltd**, supported by I-Hub foundation for Cobotics (IHFC)- Technology Innovation hub of Delhi and IIT,Delhi, conducted the workshop for the students on **Skill and Entrepreneurship Development Program**. The Key takeaways were Hands-on session -soldering, Power circuit design,LED & LCD Interfacing Sensor fundamentals and IR sensor design.

ECE | SED PROGRAM



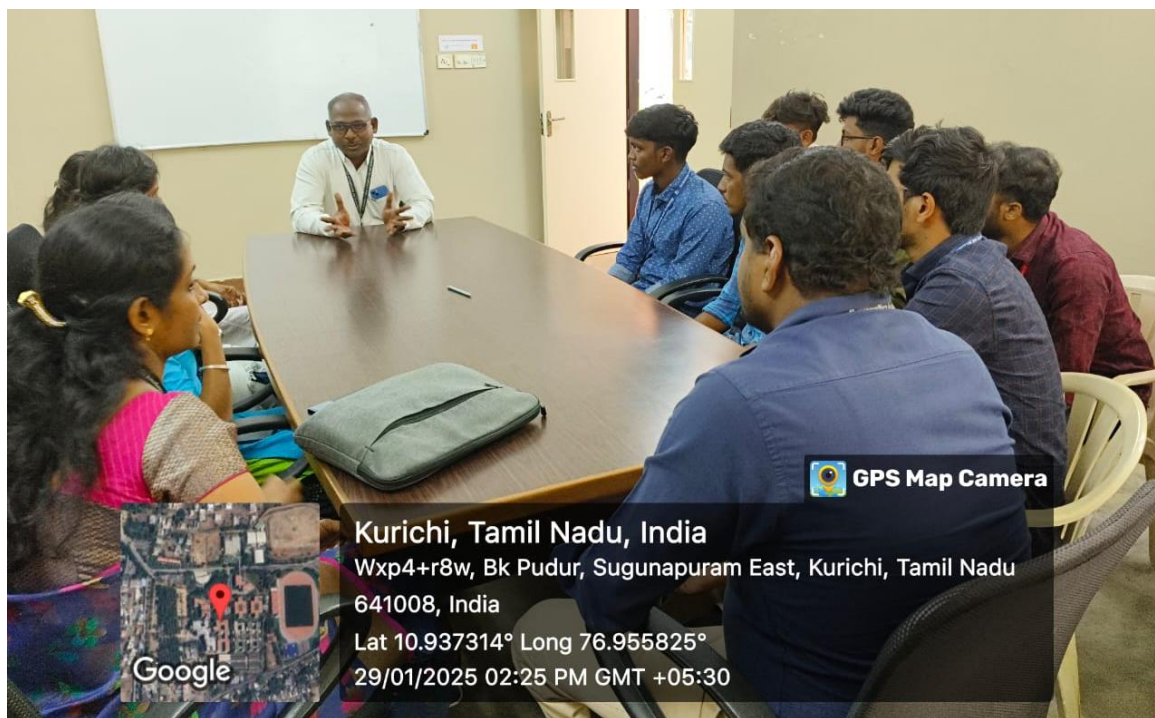
Dr. S. Saispriya, HOD & Prof / ECE department delivered the welcome address. **Dr. K. Porkumaran**, Principal SKCET, delivered the inaugural address and shared the insights the significance of upskilling and Reskilling of Entrepreneurship skills among Students community and their impacts in Defence sector & Disc - 6 and 7. **Dr. A. Pasupathi**, Co Founder and Chairman, Zeekers Technology Solutions Pvt Ltd & Zeekers Employment pvt Ltd, delivered the Presidential address by insisting The Impacts of Startups in India, Skills required for Entrepreneurship, Exploration of Schemes and funding opportunities in India and Converting the idea to Product development with high TRL.

ECE | SED PROGRAM



The Key points discussed were: PCB multilayer design , Hands-on session Prototyping , Testing of Robot and Track tracing.

AI&DS & IT | GATE 2025 – MOTIVATIONAL TALK



Dr. Ramesh Kumar R, Dean of Information Technology, addressed the third-year students of the AI&DS and IT departments on January 29, 2025, as they prepare for the GATE 2025 exam. He stressed the significance of deeply understanding concepts through systematic reading while also reinforcing learning by practicing previous years' question papers.

S&H | CLUB ACTIVITIES



PIXLR CLUB - DESTRESSING SNAPSHOTS



THEATRE CLUB – TWIST THE TALE

Department of Science and Humanities organized a variety of club events aimed at engaging and introducing the First-year students to diverse extracurricular activities, fostering engagement, skill development, and community building within the institution.

S&H | CLUB ACTIVITIES



EXTRAMURAL CLUB
MY NATION, MY RULES

TECHNICAL
QUIZ





TUTOR WARD MEETING



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ECE | CLASS COMMITTEE MEETING



First class Committee Meeting for **Third year ECE** students was held on 22.01.2025. The meeting was conducted by **Dr Bhuvaneshwari**, Associate Professor, Department of Mechatronics. The key points discussed in meeting were: Portion Completion, Classroom Activity Feedback and Placement Training.

AI&DS | TUTOR WARD MEETING



Mr.S.Senthil Kumar, Assistant Professor, Department of **Artificial Intelligence and Data Science** conducted Tutor Ward Meeting for the **Second** year A section students on 20.01.2025 in C3-15.

The pointers of discussion were:

- Hackthon, Projects, and Workshops participation.
- Problem of the day.
- CIA exam and Attendance
- Industry Training classes
- Motivated to participate in Co-curricular and extra-curricular activities.

EEE | CLASS COMMITTEE MEETING



Department of **EEE** Conducted Class Committee Meeting for the **Third** year EEE students at BS-11 Conference room on 28.01.2025. The Pointers of discussion were: Academic activities, Class Attendance, Placement training Attendance, Placement Preparedness and motivated students to enhance their skill set in emerging technologies.

Class Committee Chairperson- **Dr.J.Rejina Parvin**, Associate Professor, Department of ECE.

ECE | CLASS COMMITTEE MEETING



The First Class Committee Meeting for Second year ECE students was conducted on 27.01.2025 at the ECE Conference room. The meeting was conducted by Dr G Vijaya, Associate Professor Department of CSE. The key points discussed in meeting were: Portion Completion, Classroom Activity Feedback and Placement Training.

CIVIL | TUTOR WARD MEETING



Tutor Ward Meeting was conducted on 28th January 2025 for **Third-year Civil Engineering** Students by the respective tutors. The following points were discussed in the meeting,

1. Student discipline and attire
2. Course syllabus completion
3. Class Attendance
4. Placement training and its importance
5. Student participation in competitions



PLACEMENT AND TRAINING



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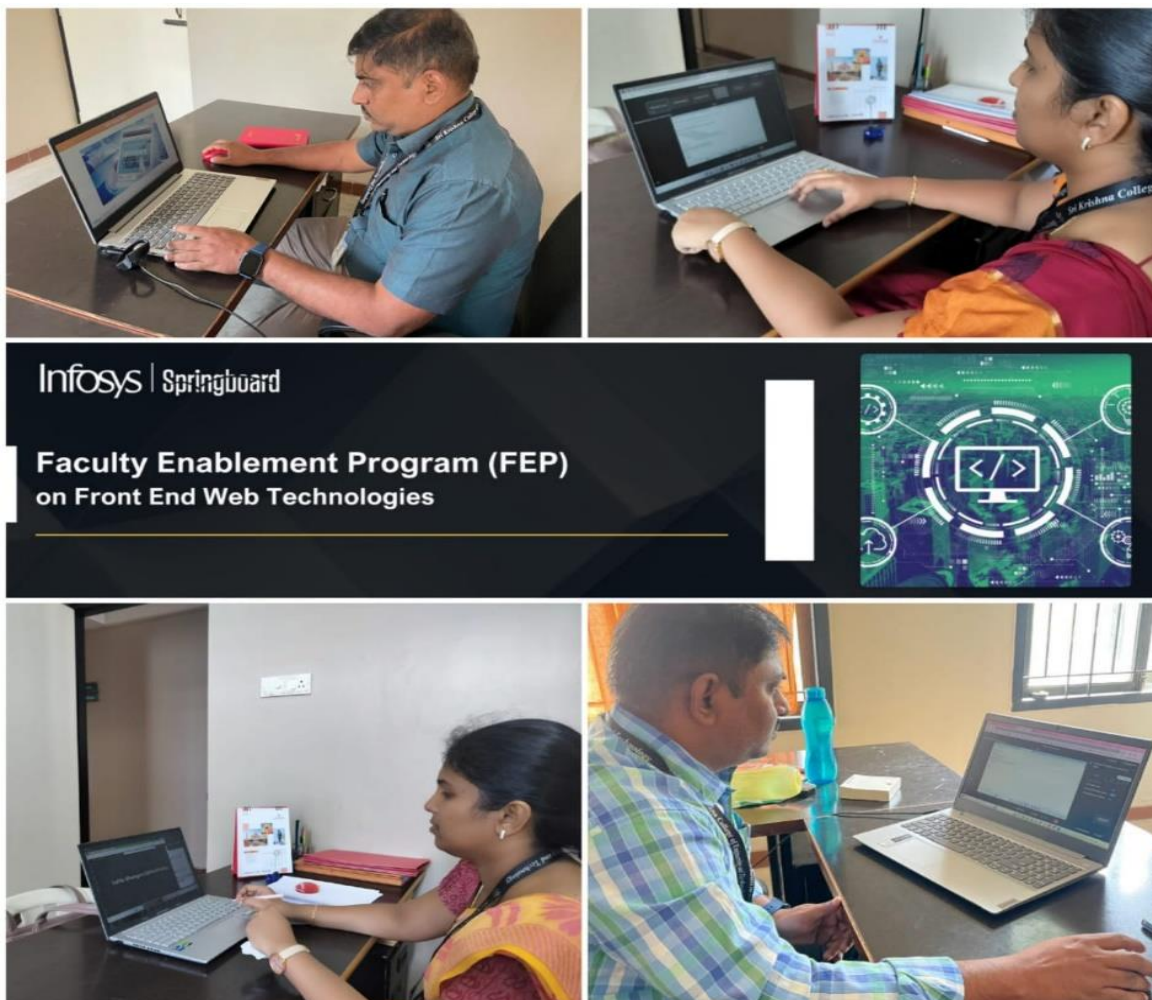
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SKCET | INFOSYS SPRINGBOARD FEP - WEB TECHNOLOGY



Dr. Ramesh K, Associate Professor of **CSE**, and **Dr. Sindhu V**, Assistant Professor of **IT**, from SKCET, attended the Infosys Springboard - Faculty Enablement Program (FEP) on Front End Web Technologies. This program is an Infosys initiative aimed at equipping faculty members with the latest teaching methodologies and technological tools to deliver effective education

Key Insights

- HTML/CSS/Javascript
- Responsive web design
- UI/UX design principles
- Real Time projects

EEE | TESTIMONIAL BY PLACED STUDENTS

As I look back on my journey and anticipate the exciting new chapter ahead, I am grateful to my respective Head of the Department (HOD), year coordinator, tutors and the faculty members of **EEE department** who provided me with unwavering support and guidance throughout my academic journey.

Their unwavering dedication and guidance were instrumental in helping me secure a dream offer from a prestigious company like Presidio. Landing a position at Presidio is truly a dream come true. I owe a significant part of this accomplishment to the exceptional experiences and education I received.

As I step into this new role, I am both thrilled and humbled by the opportunities that lie ahead. With the steadfast support of my mentors and peers, and the invaluable knowledge I've gained, I am eager to make meaningful contributions to society and build a successful career. Thank you once again for being an essential part of my journey and for helping me reach this significant milestone.



NITHISH U
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SKCET | TESTIMONIAL BY PLACED STUDENTS

I am a 2025 passed out student in the field of **Electronics and Communication Engineering**. I would like to share my immense experience at SKCET. I am incredibly grateful to my college, SKCET, for providing me with the platform and support that helped me secure a placement at Infosys. As a student of the Electronics and Communication Department, I have been fortunate to be guided by the best in the field. The dedication, mentorship, and encouragement from our Principal and esteemed faculty members have played a pivotal role in shaping my skills and preparing me for this opportunity. The comprehensive academic curriculum, along with the various skill development initiatives at SKCET, has been instrumental in making me industry-ready. I would like to extend my heartfelt thanks to **Dr.Porkumaran**, Principal and Placement Team and all my faculty members for their continuous guidance, support and knowledge. The opportunities provided by SKCET have truly made a difference in my career path. I am proud to be a part of SKCET, and I look forward to representing my college in the professional world.



**SAHANA SREE S - ECE
INFOSYS**

SKCET | TESTIMONIAL BY PLACED STUDENTS

I am Daniel Krebs from the **M.Tech Computer Science and Engineering** department, batch of 2020-2025. My experience at SKCET has been incredible—positive, motivating, and enriching in every way. The institution played a key role in enhancing my communication, technical, and management skills, which are essential for a successful career. The training provided by the Placement Cell was invaluable in preparing me for opportunities, and SKCET's supportive environment truly fostered my growth. I am deeply grateful to the Placement Cell, faculty, and Principal for their unwavering guidance throughout the placement process. Thank you, SKCET, for shaping my journey!



**DANIEL KREBS K – M.TECH CSE,
MULTICOREWARE**



RESEARCH AND DEVELOPMENT



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R&D | PAPER PUBLICATION | ECE

ieeexplore.ieee.org/document/10689787/authors/authors

Conferences > 2024 5th International Confer...

Edge-Based Security Measures for a Robust Internet of Things Ecosystem

Publisher: IEEE [Cite This](#) [PDF](#)

R. Niranjana; A. Ravi; Arvind S; Vignesh M; Vishal S All Authors

Abstract

Amidst the fourth technological revolution, characterized by the expanding reach of the internet and its applications, smart devices gain increasing acceptance. A proposition is presented for remotely managing household appliances via the internet, supported by local data processing to make it more secure. Utilizing the ESP32 microcontroller and Raspberry Pi 5 microprocessor enables remote appliance control from any internet-enabled location. Leveraging a local server enhances security, while Flutter serves as the development framework for the IoT application. Additionally, the local Flutter app contributes to enhancing project security measures.

Published in: 2024 5th International Conference on Electronics and Sustainable Communication Systems (ICESC)

Date of Conference: 07-09 August 2024 DOI: 10.1109/ICESC60852.2024.10689787

Date Added to IEEE Xplore: 02 October 2024 Publisher: IEEE

ISBN Information: Conference Location: Coimbatore, India

ISSN Information:

Ms.R.Niranjana, Assistant Professor, Department of ECE presented and published her conference paper **“Edge-Based Security Measures for a Robust Internet of Things Ecosystem”** in the 2024 5th International Conference on Electronics and Sustainable Communication Systems (ICESC). It is a Scopus Indexed Conference.

R&D | PAPER PUBLICATION | MECH

Dr.C.Samson Jerold Samuel, Associate Professor of Mechanical Engineering published an article **“Evaluation of mechanical and wear properties of LM24/fly ash/titanium diboride hybrid metal matrix composites using stir casting”** in Particulate Science and Technology. The journal is having an Impact factor of 2.3.

PARTICULATE SCIENCE AND TECHNOLOGY
https://doi.org/10.1080/02726351.2025.2456596

Taylor & Francis
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Check for updates

Evaluation of mechanical and wear properties of LM24/fly ash/titanium diboride hybrid metal matrix composites using stir casting

Jagadeeswaran K. and Samson Jerold Samuel Chelladurai

Department of Mechanical Engineering, Sri Krishna College of Engineering and Technology, Coimbatore, Tamil Nadu, India

ABSTRACT

This study focuses on the development of novel hybrid composites based on the LM24 alloy, utilizing liquid metallurgy stir casting to incorporate dual reinforcements (titanium diboride (TiB₂) and fly ash (FA)). The weight percentage of TiB₂ was maintained at levels of 2.5%, 5%, and 7.5%, keeping the FA at 2.5% during the course of fabrication. The introduction of 7.5wt% TiB₂ and 2.5wt% FA displayed a very notable 43.18% increase in hardness and a 21.53% increase in tensile strength of the hybrid composite compared to the LM24 alloy. Furthermore, hybrid composites with a total reinforcement of 10wt% exhibited superior wear resistance across the entire range of applied loads. Tensile fractography revealed ductile fracture mode for the LM24 alloy, while hybrid composites displayed a mixed-mode fracture. High-load-induced abrasive wear with little plastic deformation was seen on worn surfaces of hybrid composites, whereas adhesive wear was the dominant type of wear in the LM24 alloy. The results show that hybrid composites have better mechanical and tribological properties because the reinforcement particles are well distributed and the load is transmitted optimally. However, it is noted that increased reinforcement levels lead to a reduction in ductility, resulting in decreased impact resistance for the hybrid composites.

KEYWORDS

LM24 alloy; stir casting; hybrid composite; mechanical properties; specific wear rate

1. Introduction

Implementation of lightweight materials such as light alloys and composite materials in automobiles is necessary because they improve the characteristics of automobile production and positively affect its performance characteristics, safety, reinforcement, higher densification, and more flexibility in terms of shape control. Stir casting, especially the vortex technique, is an economic method whereby large parts can be produced without compromising on the dispersion of reinforcements (Vijayan, Chelladurai, and Saiyathibrahim, et al. 2024). Hybrid AMCs incorporate more than one type



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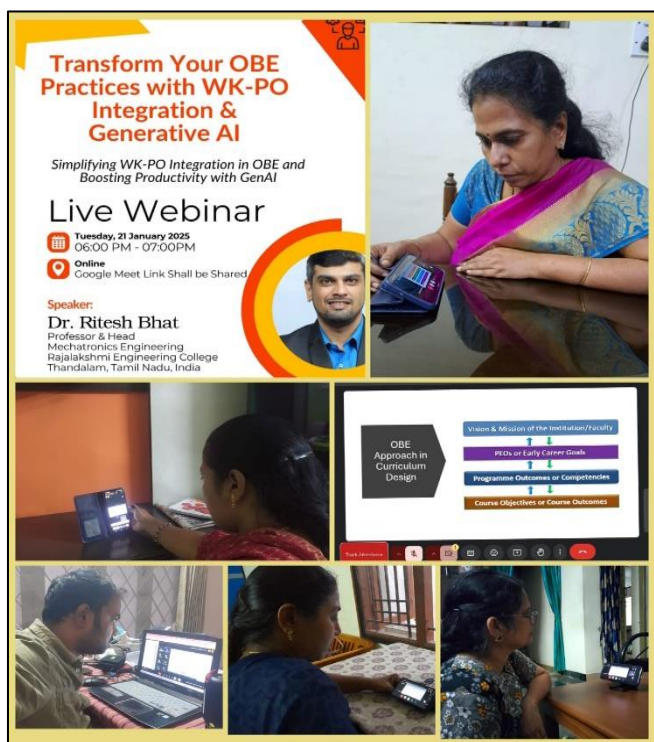


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EEE | WK-PO INTEGRATION & GENERATIVE AI



Faculty members from the Department of **Electrical and Electronics Engineering** participated in an online webinar titled "**Transform Your OBE Practices with WK-PO Integration & Generative AI**" on January 22, 2025.

ECE | ATAL CERTIFICATION

Dr C Thirumarai Selvi, professor, Department of **ECE** has successfully completed ATAL academy Faculty Development program on "Generative and Ethical AI: Technologies and Applications with hands-on" at NIT, Tiruchirapalli, from 20.01.2025 to 25.01.2025.



EEE | FACULTY WEBINAR



Dr. S. Sivaranjani, Professor,
Department of **Electrical and
Electronics Engineering**
participated in an online
webinar titled **"Transform Your
OBE Practices with WK-PO
Integration & Generative AI"**
on January 22, 2025.

EEE | NEP 2020 ORIENTATION AND SENSITIZATION PROGRAMME



Dr. N. Manonmani, Professor &
Ms. G. Mahalakshmi, Assistant
Professor / **EEE** Department
completed NEP 2020 orientation
and Sensitization Programme
under Malaviya Mission Teacher
Training Programme (MM-TTP) of
University Grants Commission
(UGC) organized by Central
University of Jammu from
18.12.2024 to 27.12.2024.

SOM | AI IN THE HIGHER EDUCATION SYSTEM

Dr R Muthukrishnan, Associate Professor of School of Management has participated in 7 days Faculty Development Program (FDP) on “Exploring the Application of AI in the Higher Education System” from 10.01.2025 to 16.01.2025, organised by Trinity Institute of Innovation in Professional Studies in collaboration with Indian Economic Association.



M.TECH CSE | FACULTY CERTIFICATION



Mr. J. SENTHIL Assistant Professor, Department of M.Tech (CSE) has successfully completed one week Internship program on the topic “Real World Machine Learning: A Practical Guide to AI Applications” from 30.12.2024 to 6.1.2025” conducted by Marcello Tech in association with MSME

M.TECH CSE | NPTEL MENTOR CERTIFICATION

Mr.J.Senthil , Assistant Professor, Department of M.Tech (CSE) has been awarded as Top Performing Mentor From NPTEL for Mentoring Students on the NPTEL course titled “Technical English for Engineers” on 12.1.2025



SOM | AI IN THE HIGHER EDUCATION SYSTEM



Dr V. Ramadevi, Associate Professor of School of Management has participated in 7 days Faculty Development Program (FDP) on “Exploring the Application of AI in the Higher Education System” from 10.01.2025 to 16.01.2025, organized by Trinity Institute of Innovation in Professional Studies in collaboration with Indian Economic Association.

CIVIL | NPTEL CERTIFICATION



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to
BHAGAVATHIPERUMAL S
for successfully completing the course
Basic Construction Materials
with a consolidated score of **60** %

Online Assignments	22.81/25	Proctored Exam	37/75
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Total number of candidates certified in this course: 1001

Devendra Jalihal
Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Apr 2024
(12 week course)

Prof. Andrew Thangaraj
Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

 Indian Institute of Technology Madras



Roll No: NPTEL24CE06S1253503495 To verify the certificate  No. of credits recommended: 3 or 4



NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
BHAGAVATHIPERUMAL S
for successfully completing the course
Sustainable Architecture
with a consolidated score of **52** %

Online Assignments	20.31/25	Proctored Exam	31.25/75
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Total number of candidates certified in this course: 377

Prof. Kaushik Ghosh
Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator CEC

Jul-Oct 2023
(12 week course)

Prof. Ranjana Pathania
Prof. Ranjana Pathania,
Professor (BSBE)
Coordinator (NPTEL)

 Indian Institute of Technology Roorkee



Roll No: NPTEL23AR16S633407036 To verify the certificate  No. of credits recommended: 3 or 4

Dr. S. Bhagavathi Perumal, Professor and Dean, Hostels and Academic Affairs, has completed two NPTEL courses on "Basic Construction Materials" and "Sustainable Architecture" organized by IIT Madras and IIT Roorkee respectively.

IT | FDP ON AWS CLOUD COMPUTING

Mrs. Vizhiyarasi S, Assistant Professor-IT has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on **AWS CLOUD COMPUTING - TOOLS AND SERVICES** at **ADITYA COLLEGE OF ENGINEERING** from **19/01/2025 to 24/01/2025**.



AI&DS | ATAL - FACULTY DEVELOPMENT PROGRAM



Mr. S. Senthil Kumar, Assistant Professor of **AI&DS** has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on **“Next-Generation Algorithms and Technological Advances”** at **MIT CAMPUS, ANNA UNIVERSITY** from **06/01/2025 to 11/01/2025**.



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AI&DS - ALUMNI INTERACTION



Mr. Rathishbarath S L (Batch 2020-2024), currently working at Oracle, Bangalore, inspired his juniors with remarkable achievements and unwavering support. On 25.01.2025, he shared invaluable insights from his placement journey, emphasizing the significance of consistent effort, adaptability, and teamwork. The interactive session left a lasting impact on the first-year AI & DS A students (Batch 2024-2028), motivating them to strive for excellence.

MCT | ALUMNI INTERACTION



Mr. Muralikrishna Manickam (2017-2021 batch), Autonomous Vehicles Software Developer Volvo cars, Sweden, interacted with First and Third year students organized on 24.01.25. The following suggestions were given:

1. Advantages of doing higher education in abroad
2. Opportunities in Robotics and Automation sectors.
3. Procedure to get the applications to get job in western market.



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“NVIDIA'S JETSON THOR: A GAME-CHANGER IN HUMANOID ROBOTICS WITH CUTTING-EDGE TECHNOLOGIES”

The field of robotics continues to evolve at an unprecedented pace, and Nvidia has unveiled a groundbreaking invention that promises to redefine the boundaries of humanoid robotics. Enter the Jetson Thor platform, a highly advanced system designed to power the next generation of intelligent robots, with its launch anticipated in early 2025.

The Jetson Thor Platform: A Technological Marvel

Jetson Thor is Nvidia's latest addition to its Jetson family of AI computing platforms. Designed to address the unique challenges posed by humanoid robots, this platform incorporates a robust system-on-chip (SoC) architecture, which integrates multiple high-performance computing components into a single compact unit.



The platform leverages a combination of advanced central processing units (CPUs) and graphics processing units (GPUs), along with dedicated AI modules capable of processing terabytes of data in real time. Such architecture enables robots to perform tasks like real-time image recognition, complex motion planning, and natural language processing with extraordinary speed and precision.

Additionally, Jetson Thor has been engineered for energy efficiency, a critical factor for battery-operated robots. This allows robots to perform continuously for longer durations without requiring frequent recharges, making them more reliable and practical in real-world applications.