SKCET

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SKCET Buzz

INSTITUTIONAL EVENTS

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SKI | FUTURE OF EDUCATION SUMMIT

Dr. Sundararaman K, CEO, SKI was a session speaker at Future of Education Summit, Bengaluru on 7.6.2024. Sir spoke on the topic **"Building Resilient and Impactful Institutions in the AI".** **Dr.Jayasudha Subburaj**, Dean Placements, SKCET attended the Summit.

Key Highlights:
- Important of AI in all fields
- Personalized Learning
- Adaptive Learning
- Virtual Assistants

A special interview was also given at Kalvium - Future of Education Summit themed "Shaping the Future: Wisdom Meets Technology" at Bengaluru.

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SKCET | TREE PLANTATION DRIVE

NSS unit of SKCET in association with **KovaiKulangal Pathukappu Amaippu,** Coimbatore planted **150 saplings** at Madukkarai Forest Range, Pillaiyarpuram on 04.06.2024 in view of **'World Environment Day Celebration'** with an aim to save endangered environment.

Principal Madam **Dr. S.Sophia,** along with the **Academic Leadership Team** presided over the event.

With immense fervor, 150 NSS volunteers of SKCET rallied together to embark on a mission to cleanse the lush expanse of the **Madukkarai Forest Range**, Pillayarpuram, demonstrating their unwavering commitment to safeguarding the environment. The students, under the guidance of **Mr. R. Manikandan,** Managing Trustee, Kovai Kulangal Pathukappu Amaippu, Coimbatore successfully completed the mission.

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STUDENTS PROGRESSION

EEE | STUDENTS IDEA PRESENTATION

First year Student team of **EEE** Department has participated in **'Idea Exploration 4.0'** - A National Level Online Technical Idea Presentation contest organized by **Entrepreneurship Promotion and Incubation Council (EPIC),** Technology Business Incubation (TBI) promoted by Ambala College of Engineering and Applied Research, Haryana. The team has won **Second Place** with a cash award of **Rs.3,000/-**.

Team Name: InnovateX

Topic: Improve Readability of Faded Images

Team Members: Ashok J, Gokula Krishnan N P, Dinesh Karthik B

Faculty Mentor: Dr. J.Karthika, Professor/EEE

CSY | DRAWING CONTEST
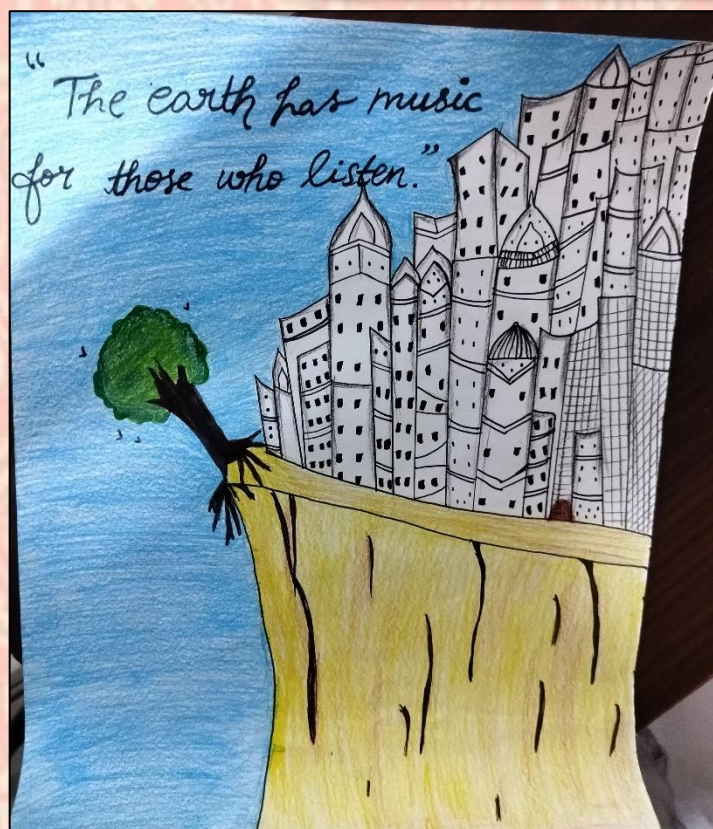
Danusri S H student of First year **CSE (Cyber Security)** has secured **First Prize** in the **"World Environment Day - Drawing Contest"** organized by the Department of Artificial Intelligence and Data Science, Sri Krishna College of Engineering and Technology, Coimbatore on 05.06.2024.

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STUDENTS CERTIFICATION

CSY | NATIONAL LEVEL HACKATHON
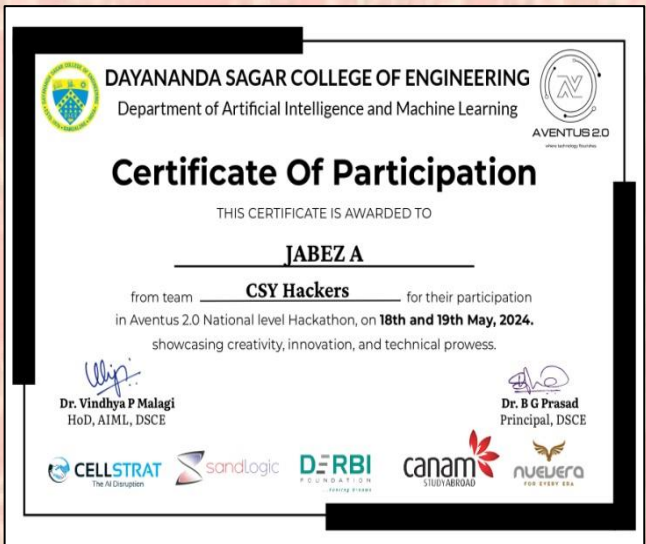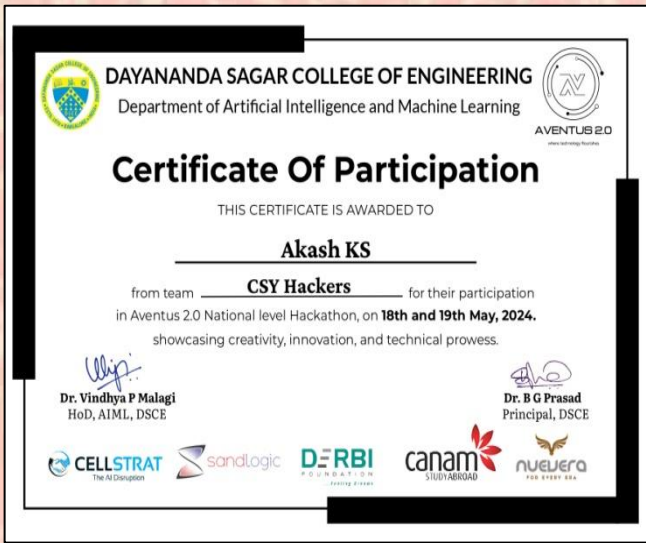
Akash KS, Jabez A, Aswin Jagadeesh and **Sharvesh Nagarajan,** students of First year **CSE (Cyber Security)**, have participated in Aventus 2.0, National Level Hackathon organised by Dayananda Sagar College of Engineering on May 18ᵗʰ and 19ᵗʰ, 2024.

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EVENTS

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EEE | IIC WORKSHOP
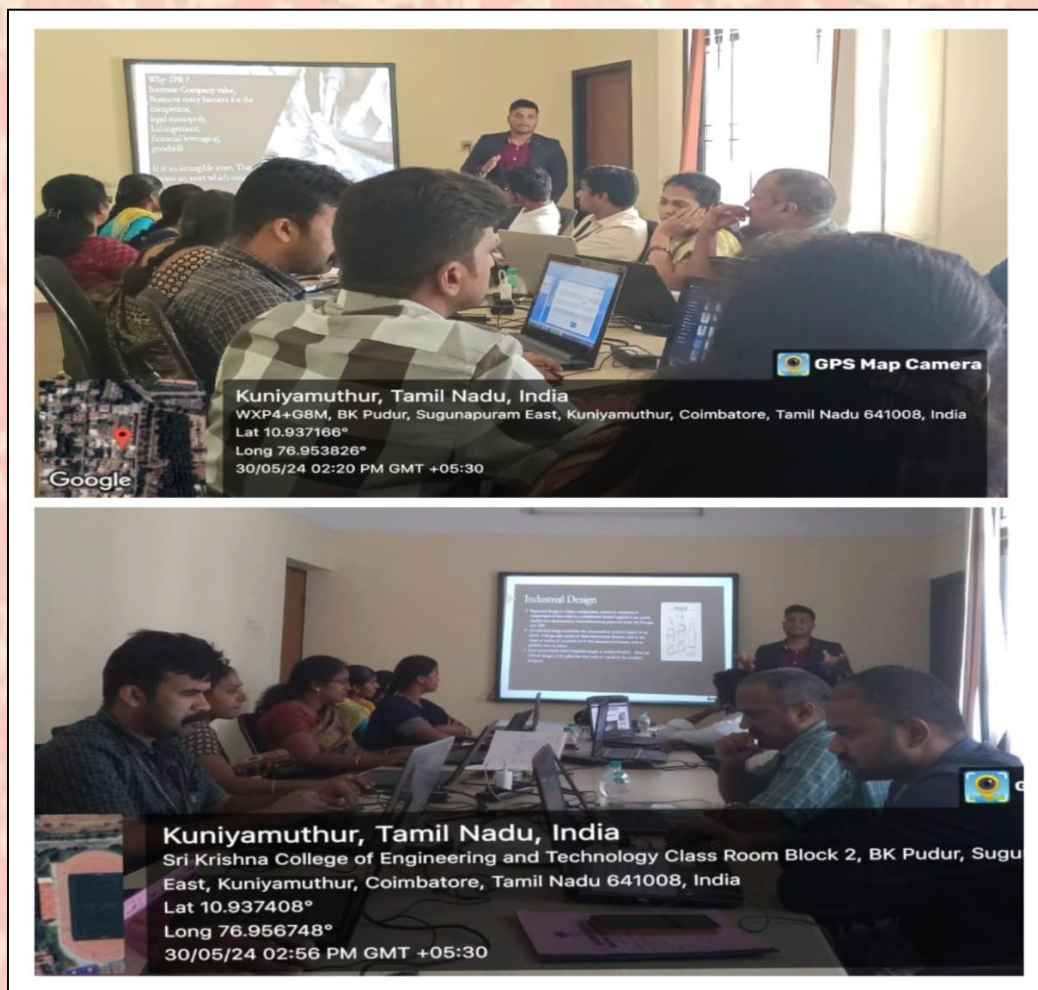
IIC of SKCET in association with the Department of **Electrical and Electronics Engineering** organized a Workshop on **'Awareness on Intellectual Property Rights'** for the students and faculty members of EEE Department on 30.05.2024.

Resource Person: Mr. Adhavanezhil Ashok, Director,Sri Adhava Engineering Private Limited, Coimbatore.

Session Takeaways:
- Classifications of IPR.
- Trademark and necessity in Industry.
- IPR application and registration process.
- Condition for Patentability.
- Industry design patent and its significance.

MCT | SUMMER CAMP - DAY 1
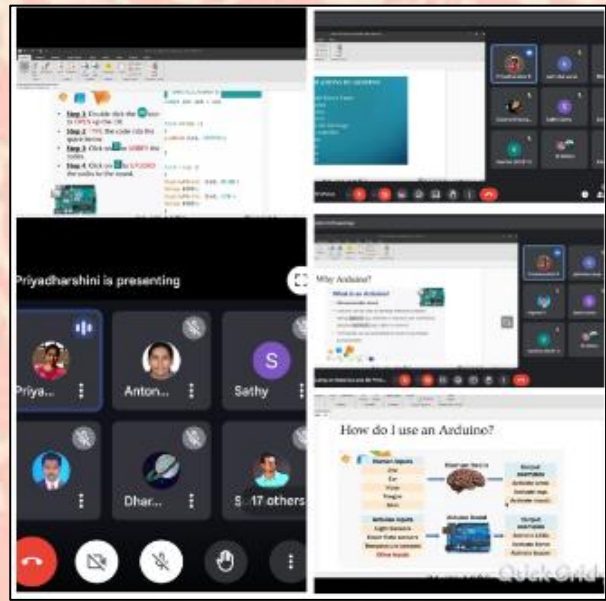
Three-Day Summer Camp on **3D Printing and Robotics** from 22.05.2024 to 24.05.2024 was organized by the Department of MCT.

Session 1 - Introduction to Robot
Resource Person: Mr S Panneerselvam, Assistant Professor, MCT, SKCET, Coimbatore.
Session Takeaways:

- Introduction to Robotics
- Different types of Robots
- Introduction Humanoid robots
- Industrial Robots
- Components of Robots
- Working principle of various Robotic parts

Session 2 - Introduction to Arduino
Resource Person: Ms R Priyadharshini, Assistant Professor, Dept. of MCT, SKCET, Coimbatore
Session Takeaways:

- Basics of Microcontroller
- Difference between Microcontroller and Processor
- Different applications
- Arduino inbuilt components
- Working of components

MCT | SUMMER CAMP - DAY 2

Session 1 - Introduction to 3D Printing

Resource Person: Dr G Veerapan, ASP/ MCT, SKCET, Coimbatore.

Session Takeaways:
- Basics of 3D Printing
- Types of 3D Printing
- Applications of 3D Printing
- Materials used in 3D Printing

Session 2 - Hands-on Training on Arduino
Resource Person: Mr T Vignesh, AP/ MCT, SKCET, Coimbatore

Session Takeaways:
- Basics of Arduino
- Basics of sensors and motors
- Arduino LED blinking using Tinkercad
- Hands-on activity: Arduino LED Blinking
- Arduino based control for DC motor

MCT | SUMMER CAMP - DAY 3

Session 1

Resource Person: Mr T Vignesh, AP/ MCT, SKCET, Coimbatore

Topic: Hands-on Training on 3D Modelling and Robotics

Session Takeaways:
- Basics of 3D Modelling
- Basics of 2D sketch
- Hands-on Solid works Sketching
- Hands-on activity: Solid works 3D Modelling
- Introduction to Robotics
- Six Axis ABB Robot working Demonstration

MCT | SUMMER CAMP - VALEDICTORY

The Valedictory ceremony of the Three-Day Workshop on 3D Printing and Robotics was presided by **Dr Ragavi**, Dean Students Affairs, SKCET, Coimbatore. 36 students participated in the event enthusiastically. They were awarded with certificates and the 3D printed models developed by them.

ECE | AWARENESS ON HARMFUL EFFECTS OF TOBACCO USAGE

Department of **ECE** in association with **NSS** organized a Guest Lecture entitled **"Awareness on Harmful Effects of Tobacco Usage"** on 03.06.2024.

Resource Person:

Dr. R. Varthini, MBBS, MD., Pediatrician, Melmaruvathur Adhiparashkathi Institute of Medical Sciences and Research, Melmaruvathur, Chengalpattu.

Session Takeaways:

Prevalent forms of tobacco, Types of tobacco consumed, smoking & its effect in lungs, Affects oral health, Tobacco monitoring.

ECE | WORKSHOP ON BUSINESS PLAN FORMULATION AND IP MANAGEMENT FOR START-UP

Department of **ECE** in association with **IIC** organized a workshop on "**Business Plan Formulation and IP Management for Start-Up**", on 05.06.2024 for the First year ECE students.

Resource Person: Dr.K.M.Sakthivel, Assistant Professor (Senior Grade), Department of Biochemistry, PSG College of Arts & Science, Coimbatore.

Session Takeaways:

Introduction to Intellectual Property Rights (IPR), Types of the IPR, Significance and Benefits of the IPR, Career in IPR, Introduction to Business Plan and its needs, Importance of IP management for a Startup, Patent Filing Procedure in India, Hands-on Session on Patent Forms

AI&DS | WORLD ENVIRONMENT DAY

Department of **Artificial Intelligence and Data Science** in association with **IIC** organized a Drawing Competition on the occasion of **"World Environment Day"** on 05.06.2024.

Student participants from various Departments made remarkable efforts, demonstrating admirable dedication to highlight environmental issues through their art.

- **First Prize**: Danusri.S.H - I CSE(Cyber Security)
- **Second Prize:** Buvanesh.V.K - I EEE A
- **Third Prize:** Kiruthika.S - I EEE A

Jury Members:

- Dr.K.Ramesh, Asso Prof, CSE
- Dr.G.Vijaya, Asso Prof, CSE

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TUTOR WARD MEETING

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MCT | TUTOR WARD MEETING

Kuniyamuthur, Tamil Nadu, India
WXP4+M8V, BK Pudur, Sugunapuram East, Kuniyamuthur, Coimbatore, Tamil Nadu
641008, India
Lat 10.936712°
Long 76.955717°
03/06/24 10:39 AM GMT +05:30

Tutor Ward Meeting was conducted by **Dr. L Feroz Ali,** Assistant Professor, MCT Students on 3.06.24.

Pointers of Discussion:

- Students were instructed to complete Skillathon course in ICT Academy

- Awareness of drug menace and its consequences.

- Submission of internal components for all subjects before CIA 2.

- Regular completion of daily coding Contest and weekend Coding Contest.

- Norm's to be followed by hostel students.

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PLACEMENT AND TRAINING

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SKCET | BEST SPOC OF THE MONTH

Dr.JayasudhaSubburaj, Dean Placement and **Dr.M.Kavitha**, Placement Coordinator have been recognized as the Best SPoCs of the month in Infosys Springboard.

Infosys Springboard Highlights:

- Platform provided by Infosys for its partner colleges
- Digital learning

SKCET | PLACEMENT TESTIMONIALS

As a campus-placed student from Sri Krishna College of Engineering and Technology, I am **Shwetaharini S**, a proud graduate of Bachelors of Engineering in Computer Science. The vibrant student life here, filled with diverse activities and a welcoming community, made my college years unforgettable. The academic support was exceptional, with dedicated professors who ensured that we mastered our subjects.

One of the most impactful experiences was the encouragement to participate in National-level hackathons. Their continuous guidance and encouragement helped me to emerge as a winner in two of the most prominent National Level Hackathons. These competitions allowed me to apply theoretical knowledge to practical challenges, fostering innovation and teamwork.

The continuous support during the placement process was outstanding. The placement cell provided extensive training, mock interviews and resume workshops, ensuring we were well-prepared and confident. This unwavering support was instrumental in securing my placement with a top-tier company.

In short, SKCET has been a cornerstone in shaping my career, providing a holistic and enriching experience.

**SHWETAHARINI S,
CSE
TATA COMMUNICATIONS LIMITED**

SKCET | PLACEMENT TESTIMONIALS

I am Vignesh N from Mechanical Department (2020-2024). I am expressing my heartfelt gratitude to Sri Krishna College of Engineering and Technology (SKCET) for the invaluable support and guidance I received throughout my academic journey and placement process. It is with great pleasure that I inform you that I have been placed at JSW as a GET. The comprehensive education and skill development opportunities provided by SKCET played a pivotal role in preparing me for this significant milestone. The dedication and expertise of the faculty, along with the resources and infrastructure available, have equipped me with the knowledge and confidence needed to succeed in my career.

I would like to extend my special thanks to the Placement Cell for their unwavering support, organizing numerous workshops, mock interviews and placement drives that were instrumental in securing this opportunity.

**VIGNESH N,
MECH
JSW**

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RESEARCH AND DEVELOPMENT

R&D | PATENT PUBLICATION | EEE

Dr.K.C.Ramya, Professor and Head, **EEE** Department, **Dr.N.Loganathan,** Assistant Professor**, EEE** Department published a patent titled **'WIND TURBINE'** with design number of 413417-001 has received the **Design Patent Grant** on 30-05-2024 with a certificate of Registration of Design by the Patent Office, Government of India.

R&D | PAPER PUBLICATION | ECE

Dr.M.Ramkumar, Associate Professor, Department of **ECE**, has published SCI and Scopus indexed Journal titled **"IoT and cloud computing-based automated epileptic seizure detection using optimized Siamese convolutional sparse autoencoder network"** in the Journal Signal, Image and Video Processing.
DoI:https://doi.org/10.1007/s11760-024-03017-3.

R&D | PATENT PUBLICATION | CSBS

Lionel Roshan, Final year student of **Computer Science and Business Systems** has published a design patent entitled **"Real-time Voice & Image enabled Machine/Device control using AI, Wifi & IOT"** in the Patent Office, Government of India on 29/4/2024.

R&D | PATENT PUBLICATION | CSBS

Second year students **Subhash R**, **Hari Krishnan R**, **Yogeeshwaran G**, **Raja Balaji N**, **Sivanesan S**, **Rajeswar S**, **Rithin Rajasekaran**, **Rohith S**, **Sriram A** from the Department of **Computer Science and Business Systems** have published a patent titled **"Recogni : Memory Companion"**, in the Patent Office, Government of India on 26.04.2024.

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FACULTY CERTIFICATIONS

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MCT | FDP PARTICIPATION

Dr.S.Dinesh, Assistant Professor of **MCT** has participated in the six day online Faculty Development Program on **"Recent Advances in Sustainable Materials and Development in 3D Printing Technologies"** conducted by the Department of Mechanical Engineering, Rajalakshmi Engineering College, Chennai, held from 20th May to 25th May 2024.

CSE | FDP ON QUANTUM COMPUTING

Dr.G.Vijaya, Professor, Department of **Computer Science and Engineering** has participated in **"Faculty Development Program on Quantum Computing"** organized by the Department of Artificial Intelligence and Data Science of Sri Sairam Engineering College, Chennai from 27.05. 2024 to 01.06.2024.

CSE | INFOSYS SPRINGBOARD CERTIFICATION

Dr.D.Rasi, Professor, Department of **Computer Science and Engineering** has successfully completed Infosys Springboard Certification course "**Java Tools**" on May 20,2024.

CSE | INFOSYS SPRINGBOARD CERTIFICATION

Ms.Pooranam N, Assistant Professor, Department of **Computer Science and Engineering** has successfully completed **Infosys Springboard Certification** course "**Java Tools**" on May 20,2024.

CSE | INFOSYS SPRINGBOARD CERTIFICATION

Ms.Azhaguramyaa V R , Assistant Professor, Department of **Computer Science and Engineering** has successfully completed the **Infosys Springboard Certification** courses on "**Continuous Integration and Delivery -DevOps**" and **"Introduction to Agile Methodology"** on May 27,2024.

IT | FDP PARTICIPATION

Ms.A.Raihana, Assistant Professor, **IT** has participated in an FDP on **Generative AI Models and Application of Machine Learning** from 21-05-2024 to 25-05-2024 organized by the Department of Computer Science and Engg at Shri Vishnu Engineering college for Women, Bhimavaram, Andhra Pradesh.

IT | FACULTY DEVELOPMENT PROGRAM

Mr.Kalaiarasan.T.R,

Assistant Professor, **IT** has participated in FDP on **"Cloud Practitioner"** conducted by ICT from 27-05-2024 to 31-05-2024.

CSY | INNOVATION AMBASSADOR (IA) TRAINING

Mr. I. Anantraj, Assistant Professor, Department of **Computer Science and Engg (Cyber Security)** has undergone Innovation Ambassador (IA) training **"Advanced Level" & "Foundation Level"** conducted online by MoE's Innovation Cell & AICTE during the IIC Calendar year.

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ALUMNI CORNER

SKCET | ALUMNI MEETING
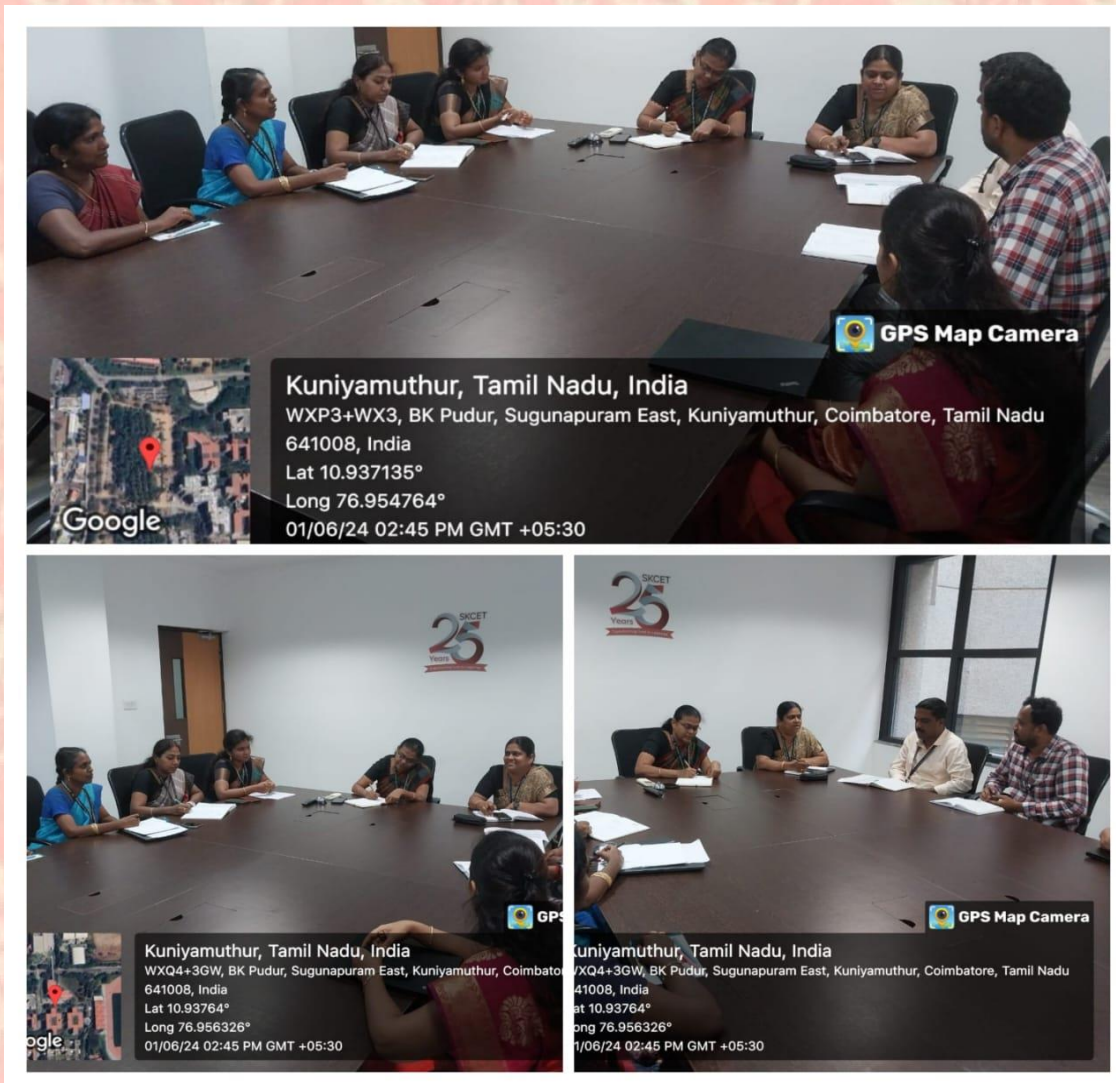
SKCET Alumni Association Meeting was conducted on 01.06.2024. **Dr.V.Ragavi, Dean student Affairs, Dr.K.C.Ramya**, HoD, **EEE**, SKCET Alumni Coordinators & various Department Alumni Coordinators discussed about the upcoming events for Academic Year 2024 - 2025. Also, elaborated on the works to be carried out by various In charges.

Pointers of Discussion:

- Alumni Portal updation
- Upcoming Event Timeline
- Alumni Corner in BUZZ
- Meeting with SKCET Coimbatore Chapter Executive Members

CSE | ALUMNI CREATIVE CORNER

Don't let yourself go through too much in life. It's an agreed fact that, failing over something in life and losing people in life, helps you get stronger. But what if everything that has happened, created an impact and it keeps happening, that it builds into a psychotic instability that you cant afford to handle. What if every little feeling in life, seems nothing to you. What if every asset you longed for, seems empty to you. What if every person you cared for, seems no one to you. What if the career you have taken up isn't the one for you. What if you could feel in yourself that, every little part of your mind is dying every single day. What if the little no of people, who hang on to you for your values, start vanishing as life moves. What if every cell in your body longs for something, which breaks your personality and leaves you isolated in this physical world. What if the memories you longed for, turn into nightmares that can ruin your life? What is that you can do?

"Cry aloud, but hang on!"
Just don't give up!

Nihal Ahmed

Mr.Nihal Ahmed
(2014-2018 Batch Alumnus)
Software Development Engineer,
AMAZON, CHENNAI