

SKCET

Buzz

16th December - 22nd December 2023



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INSTITUTIONAL EVENTS



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SKCET | CHRISTMAS CELEBERATION



To perfectly kickstart the Christmas Season in style with the Perennial Catchiness, students and faculty members sparkled in the spirit of Christmas with the delightful medley of Carols. The celebration was filled with praise and good cheer when the students tapped for the rhythmic beat. The students actively displayed the nativity scene with a meaningful and collaborative effort.

SKCET | CHRISTMAS CELEBERATION - GLIMPSES



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CSE | SMART INDIA HACKATHON 2023



CSE teams showcased unparalleled innovation and problem-solving prowess at the **Smart India Hackathon 2023**. Out of the distinguished participants, three exceptional **CSE** teams clinched the top spot, earning widespread acclaim and substantial prizes of **Rs.1 Lakh** each. These outstanding achievements highlight the steadfast dedication to technological excellence, reinforcing our pivotal role in shaping India's digital future.

CSE | SMART INDIA HACKATHON 2023

Team 1: Zone 7

Team Members:

- Nagasundar N-III CSE-B
- Shruthiga K -III CSE C
- Mohana Prasad S- II CSE-B
- Maginesh U T- II CSE-B
- Mark Felix A- II CSE-B
- Nekha- I CSE-C

Mentors

- Dr. V. K. Reshma, ASP/CSE
- Prithika Andrea Angelina F- III CSE-B

Team 2- CtrlShiftGeek

Team Members:

- Navadin Nehru T- II CSE-B
- Naveenya P-II CSE-B
- Oscar Fernandes- II CSE-B
- Rithik Raj K S- III CSE-B
- Mrinalini- III CSE-B
- Mukunda K G- I CSE-B

Mentor:

- Ms. G. RenugaDevi, AP/CSE
- Vaishal Krishna-IV CSE C

Team 3- Sane No More

Team Members:

- Sneha Janarthanan- III CSE-C
- Yashu Venkat S- III CSE-C
- Tharigasri- III CSE-C
- Jegatheeswaran- III CSE-A
- Srivarshan G- II CSE-C
- Sanjeevi C S- III CSE-C

Mentor:

- Dr. M. Sujaritha, Prof/CSE
- Samuel Wycliffe - Alumni



STUDENTS ACCOLADES



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AI&DS | NATIONAL - RSFI



Manoj Karthik B, student of First year **AI&DS** has secured Bronze Medal in the RSFI (**Roller Skating Federation of India**) - National Level Meet held at **Chandigarh** from 11.12.2023 to 16.12.2023.

AI&DS | PRAGATI HACKATHON



Karnam Mukash, R.Achyuth, C.M.Kishore, Harsh Kumar, S.Arwin and Nantha G.S, students of Third year Artificial Intelligence and Data Science have participated in Pragatii Hackathon at IIT Jodhpur.



STUDENTS PROGRESSION



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AI&DS | CONFERENCE PARTICIPATION



Akash P, student of **First year AI&DS** was invited for band performance and he is appreciated for being a part of **CA Mega students Conference** held at **PSG College of Arts and Science** on 15th and 16th, December 2023.



STUDENTS CERTIFICATION



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AI&DS | WORKSHOP ON WEBSITE DEVELOPMENT



Kaniga R A, Geetha Sri M, Darsanaa, Akshaya B, Gopikasri S, students of **Second year Artificial Intelligence and Data Science** have participated in the Workshop on “**Website Development Workshop**” by Top Engineers in association with MECHANICA'23 at IIT Madras Research Park on 17.12.2023.

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EVENTS



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CIVIL | ATAL FDP ON INNOVATIVE CONSTRUCTION MATERIALS AND TECHNOLOGIES FOR SUSTAINABLE DEVELOPMENT



ATAL sponsored FDP on "Innovative Construction Materials and Technologies for Sustainable Development" was organized by the Department of **Civil Engineering** from 11th December 2023.

Session 1:

Resource Person: Dr. M. P. Muthuraj, Professor and Head, the Department of Civil Engineering, Coimbatore Institute of Technology, Coimbatore.

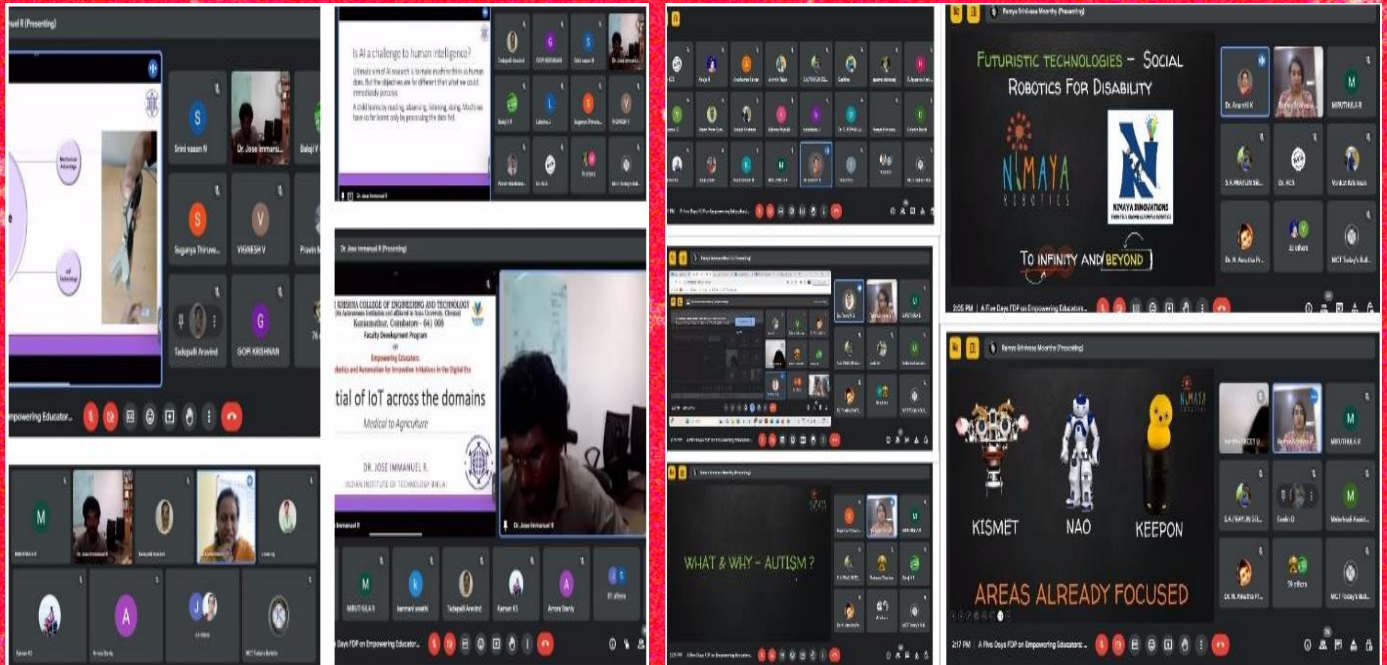
Topic: Performance and Efficiency of Self-Healing Geo-polymer Technologies

Session 2:

Resource Person: Dr.SudhakarAdithan, Dimensions, Coimbatore.

Topic: Reducing Carbon Footprints in Construction.

MCT | FDP ON EMPOWERING EDUCATORS DAY 1



Five-Day FDP on Empowering Educators: AI in Robotics and Automation for Innovative Initiatives in the Digital Era was organized by the Department of MCT from 04.12.2023 to 08.12.2023.

Session 1:

Resource Person: Dr. Jose Immanuel R, Department of Mechanical Engineering, IIT Bhilai, Chattisgarh, India.

Topic: Potential of IoT across the domains - Medical to Agriculture.

Session 2:

Resource Person: Dr. Ramya S Moorthy, Department of Mechatronics, MIT, Manipal.

Topic: Social Robotics for Children with Disabilities.

EEE | HIGHER EDUCATION OPPORTUNITIES FOR ENGINEERING GRADUATE



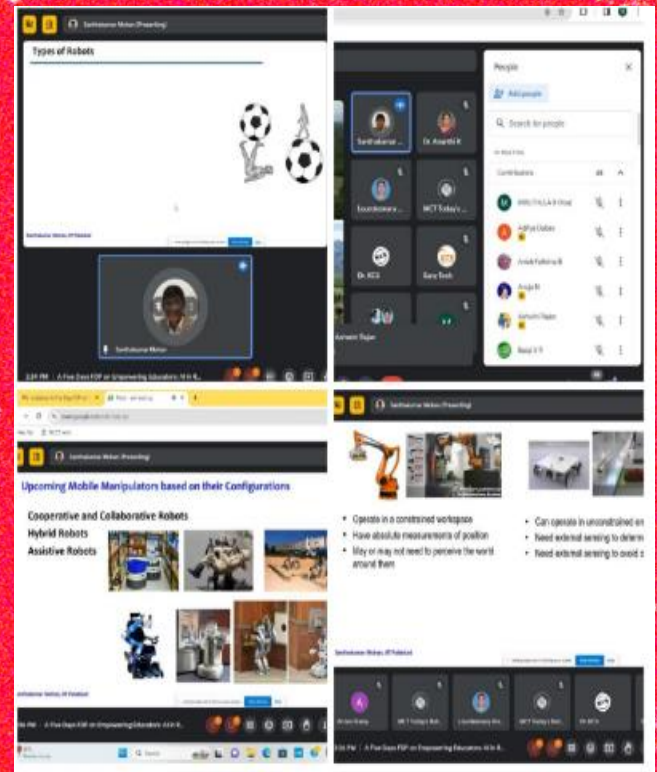
Department of **Electrical and Electronics Engineering** organized a Seminar on “**Higher Education Opportunities for Engineering Graduates**”. Around 122 students from Third year EEE were benefited from this Seminar on 11.12.2023.

Session Speaker: Mr.S.Siddarth, Academic Head & Manager T.I.M.E., Coimbatore.

Session Takeaways:

- Importance of Higher Education
- Tips on how to prepare for CAT Exam
- CAT exam pattern and syllabus
- Top B-Schools in the country
- Best online Resources
- Selection Criteria for IIM & Non-IIM

MCT | FIVE-DAY FDP ON EMPOWERING EDUCATORS - DAY 2



Session 1:

Resource Person: Dr.T.Mohanraj, Department of Mechanical Engineering, Amrita School of Engineering, Coimbatore.

Topic: Digital Twins for Industrial Automation.

Session 2:

Resource Person: Dr. Santhakumar Mohan, Department of Mechanical Engineering, IIT Palakkad, Kerala.

Topic: Mobile Manipulators in Modern Industry.

EEE | ENERGY AUDIT CELL ACTIVITY

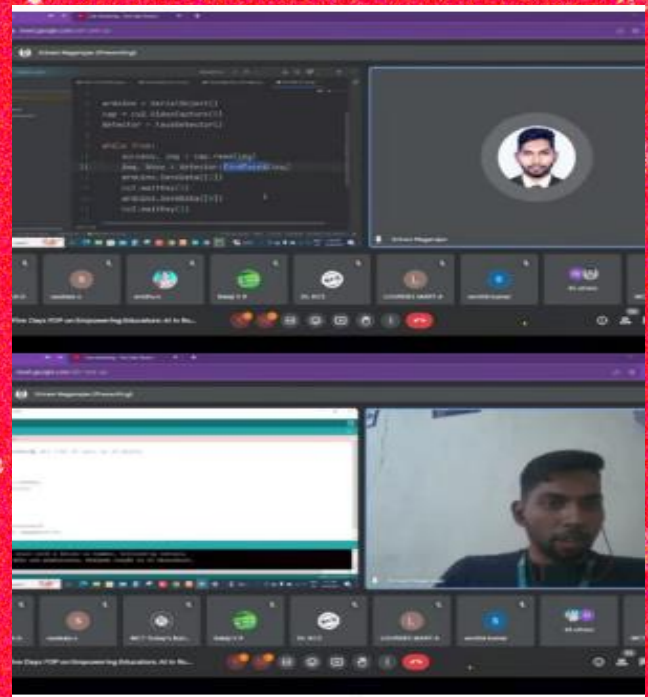


As a part of Energy Conservation Week Celebration, a lecture was organized on the topic '**Awareness on Energy Conservation in our Regular Life**' for all the department students to instill in them a deeper understanding of the significance of Eco-friendly Practices and promote a sustainable future from 08.12.2023 to 14.12.2023.

Session Focus:

- Optimizing the use of Household appliances.
- Minimizing Energy Consumption by Switching off lights and fans, when not in use.
- Insights on Standby Power Mode with a project demo.
- Benefits of Star rated Electrical Appliances.
- Impacts of Non-Renewable Energy in Green Production.

MCT | FIVE - DAY FDP ON EMPOWERING EDUCATORS - DAY 3



Session 1:

Resource Person: Justus Zachariah & Shiby Justus, Directors - Weserve Life, Builders, Coimbatore.

Topic: Emotional Well-being to boost Productivity.

Session 2:

Resource Person: Sriram Nagarajan, Founder & CEO – Roboram

Topic: AI in Robotics and Automation.

EEE | ENERGY AUDIT CELL ACTIVITY



Session Speakers:

CSE: Dr. P.VinothKumar,
Associate Professor/EEE

IT: Mr. S.Karthikeyan,
Assistant Professor/EEE

MCT: Dr. K.Muthukumar
Associate Professor/EEE

M.Tech CSE: Ms. N.Subhashini
Assistant Professor/EEE

Session Speakers:

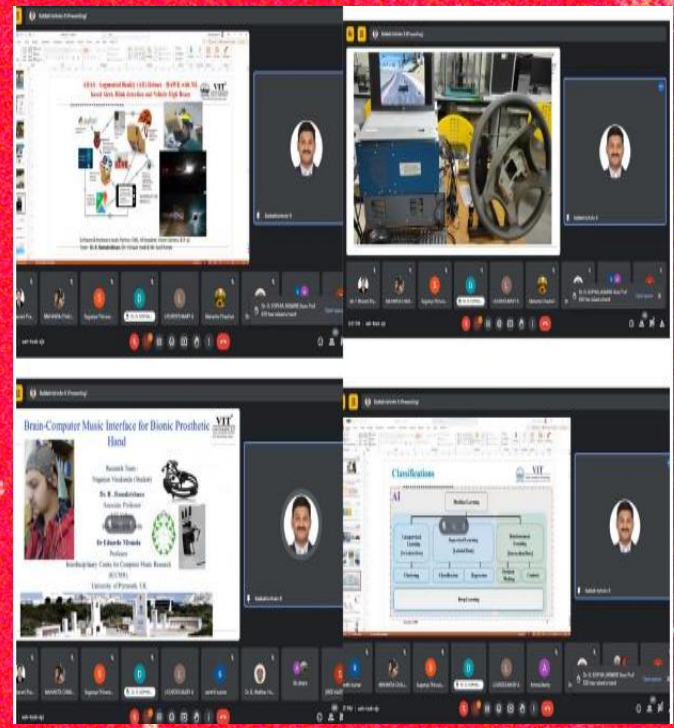
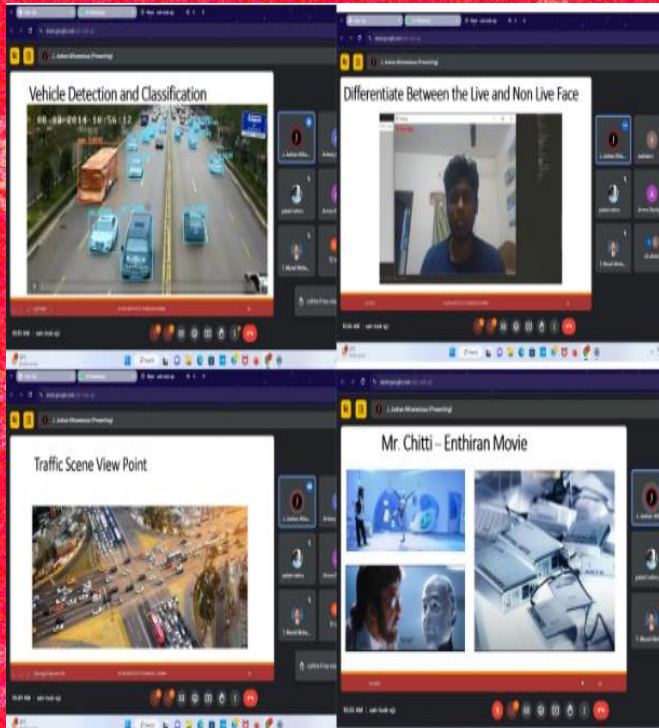
MECH: Mr. R.Kavin, Assistant
Professor/EEE

CSBS: Mr.N.Loganathan
Assistant Professor/EEE

Civil: Ms.N.Subhashini
Assistant Professor/EEE

CSD&CSY: Dr.Karthikeyan,
Associate Professor/EEE

MCT | FIVE-DAY FDP ON EMPOWERING EDUCATORS - DAY 4



Session 1:

Resource Person: Dr.Joshan Athanesious, School of Information Technology & Engineering, Vellore Institute of Technology, Chennai.

Topic: Video Surveillance using Intelligence learning Robots.

Session 2:

Resource Person: Dr.R.Ramakrishnan, Department of Design and Automation, VIT University, Vellore Campus.

Topic: AI for Cognitive Robotics and Autonomous Systems - Current Developments and Future Foresight.

EEE | NATIONAL ENERGY CONSERVATION WEEK



As a part of Energy Conservation Week Celebrations, an awareness rally was organised along with TANGEDCO, Coimbatore on '**Save Energy for Optimal Future**' for the residents around Kuniyamuthur and Kovaipudur on 16.12.2023. 90 Students from the Department of EEE actively participated, advocating conservation through slogans and schemes. The students walked approximately 1.5 kilometers from SKCET campus to Kovaipudur, distributing pamphlets that highlighted conservation activities for a sustainable future.

EEE | NATIONAL ENERGY CONSERVATION WEEK CELEBRATION



The rally commenced with the flag-off by **Mr. M.Subramanian, Superintending Engineer - CEDC, TANGEDCO, Coimbatore.**

The TANGEDCO Engineers appreciated the efforts of our students for their enthusiasm towards energy conservation and awarded them with appreciation certificates at Kumaran Hall, Kovaipudur.

Main Slogans:

- Self-Awareness on Energy saving,
- Global Potentials towards Sustainable Energy,
- Practice Green energy concepts,
- Bright ourselves with optimal lighting,
- Efficient energy storage.

CSE | WORKSHOP ON PROBLEM SOLVING AND IDEATION



Department of **Computer Science and Engineering** in association with **IIC** successfully conducted a workshop on "**Problem Solving and Ideation**". The session provided the participants to cultivate a mindset of innovation.

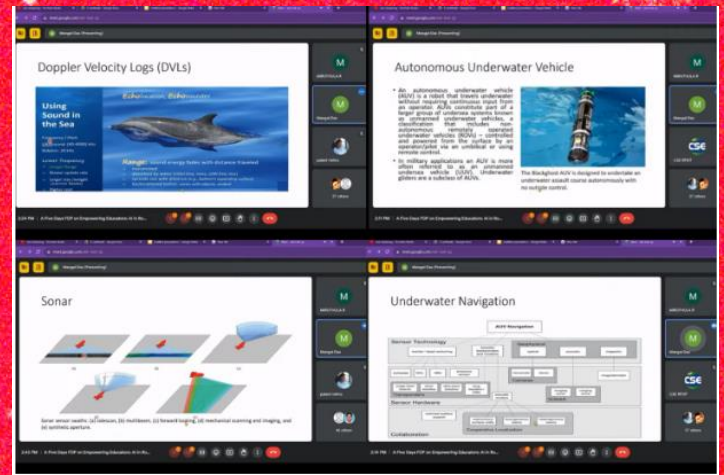
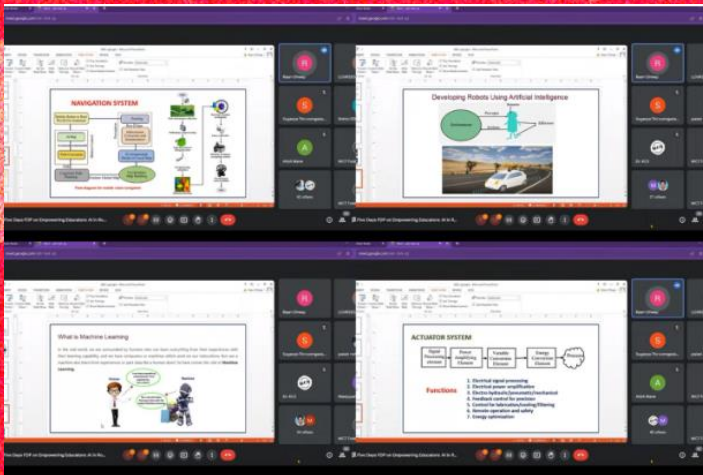
Resource Person:

- Mr.Karthik Rengarajan, CEO & Founder, 2k Speakthon, Coimbatore.
- Ms.Priyadharshni C S, Corporate Trainer, CEO & Founder of VWallpaper, Coimbatore

Session Takeaways:

- Importance of innovation and idea generation.
- Importance of problem solving
- How to develop them on out of the box thinking
- Skills, characteristics, attributes and functions of Entrepreneurs
- Purpose of creative thinking and strategic thinking
- Line up & blind fold activity
- Adaptation game.

MCT | FIVE-DAY FDP ON EMPOWERING EDUCATORS - DAY 5



Session 1:

Resource Person: Dr.G. Raam Dheep, Robotics and Artificial Intelligence Department, Lovely Professional University, Punjab.

Topic: Technological Developments in AI based Robotics.

Session 2:

Resource Person: Dr. Mangal Das, School of Electronics Engineering, VIT, Chennai.

Topic: Sensors for Underwater navigation and control.

S&H | KOVAI FIESTA 2023



Department of Science and Humanities in association with **USVA** conducted **Kovali Fiesta** for the **First-year** students to impart entrepreneurship education to give them first-hand experience to collaborate and work with a team.

CIVIL | ONE WEEK ATAL SPONSORED AICTE – FDP – DAY 5



Session 1:

Resource Person: Dr. Thenmozhi, Department of Civil Engineering, Government College of Technology, Coimbatore.

Topic: Role of Industry-academia for a transition towards sustainable construction.

Site Visit: Sree Daksha's Menpani Apartments, Vadavalli, Coimbatore.

Key takeaways: Observation of superstructure work, including formwork, slab construction, and scaffolding, finishing works including plastering, painting, floor tiling, etc., Site safety standards and monitoring by the Quality Control team.

S&H | NATIONAL MATHEMATICS DAY CELEBRATION



Kuniyamuthur, Tamil Nadu, India
WXQ4+3GW, BK Pudur, Sugunapuram East, Kuniyamuthur, Coimbatore, Tamil Nadu 641008, India
Lat 10.93751°
Long 76.956333°
20/12/23 10:41 AM GMT +05:30



Kurichi, Tamil Nadu, India
WXP4+R8W, BK Pudur, Sugunapuram East, Kurichi, Coimbatore, Tamil Nadu 641008, India
Lat 10.937225°
Long 76.955707°
20/12/23 11:01 AM GMT +05:30



Kurichi, Tamil Nadu, India
WXP4+R8W, BK Pudur, Sugunapuram East, Kurichi, Coimbatore, Tamil Nadu 641008, India
Lat 10.937225°
Long 76.955707°
20/12/23 10:48 AM GMT +05:30



Kuniyamuthur, Tamil Nadu, India
WXP4+MFP, BK Pudur, Sugunapuram East, Kuniyamuthur, Coimbatore, Tamil Nadu 641008, India
Lat 10.935646°
Long 76.956102°
20/12/23 10:36 AM GMT +05:30

Department of **Science and Humanities** celebrated **National Mathematics Day** with an objective of fostering a deeper appreciation for Mathematics and inspiring students to explore the subject beyond the classroom. **Dr.R.Prabakaran**, Assistant Professor of Mathematics, Coimbatore Institute of Technology was the Guest of the day. **Dr.A.Indhuleka**, HOD, Department of Science and Humanities welcomed the gathering and **Dr.V.Ragavi**, Dean Student Affairs delivered the presidential address.

A quiz competition was organized for First-year students to encourage them to contemplate on how the principles taught in the classroom could be applied to real-world scenarios. The event proved to be a vibrant success, fostering a culture of mathematical curiosity and exploration among the participants.

CIVIL | ATAL FDP ON INNOVATIVE CONSTRUCTION MATERIALS AND TECHNOLOGIES FOR SUSTAINABLE DEVELOPMENT



Session 1:

Resource Person: Dr. T. Palanisamy, Assistant Professor, Department of Civil Engineering, NITK Surathkal.

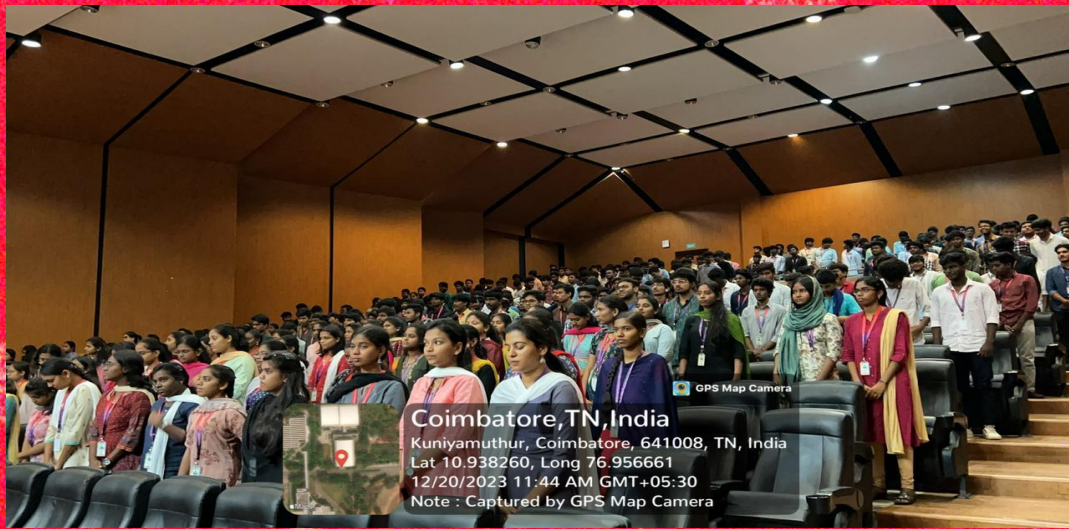
Topic: Micro Characterization of Microbial Embedded Concrete Composites.

Session 2:

Resource Person: Dr. R. Chandra Devi and Dr. V. Yogeshwaran, SKCET.

Topic: A discussion on the Reflection of the journals.

S&H | LITERARY FEST



Department of **Science and Humanities** conducted Literary Fest for the **First-year** students to celebrate and appreciate language and literature. **Dr. J Anbazhagan Vijay**, Professor and Head, GCT, Coimbatore was the Guest of the day. The event developed literary talents and interest among students and succeeded in fostering a vibrant literary community, promoting intellectual curiosity, and strengthening the appreciation for diverse literary voices.

S&H | LITERARY FEST | GLIMPSES



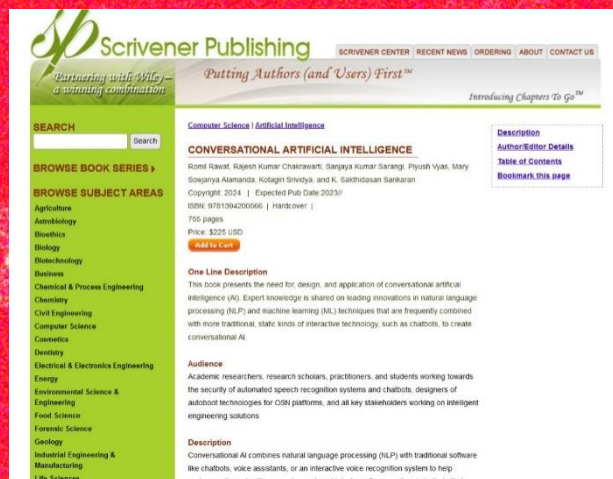
R&D | PATENT GRANT | MECH

Patent titled “**Smart Automobile Health Diagnostic Device**” filed by **Dr. K P Yuvaraj**, Associate Professor, **Mechanical Engineering** has received a Design Patent Grant by Intellectual Property Office, United Kingdom.



R&D | BOOK CHAPTER PUBLICATION | MECH

Dr. K. P. Yuvaraj, Associate Professor, **Mechanical Engineering** has published a book chapter entitled ‘**Conversational Chatbot with Object Recognition Using Deep Learning and Machine Learning**’ in the book named ‘**Conversation Artificial Intelligence**’ published by Scrivener Publications.



21. Conversational Chatbot With Object Recognition Using Deep Learning and Machine Learning

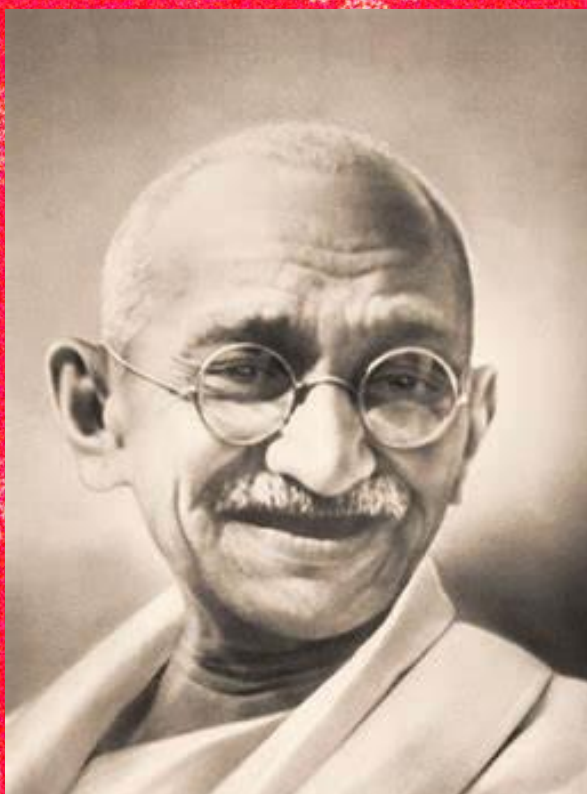
A. Mahesh Babu, Malik Jawarneh, José Luis Arias-González, Meenakshi, Kishori Kasat and K.P. Yuvaraj
 21.1 Introduction
 21.2 Literature Survey
 21.2.1 Object Recognition Using Deep Learning
 21.2.2 Object Recognition in Real-Time Images
 21.3 Methodology
 21.4 Results and Discussion
 21.5 Conclusion
 References

R&D | CONFERENCE PRESENTATION | IT

Dr.S.Deepa Kanmani, Associate Professor, IT has presented a paper titled **“Brain Stroke Prediction Using Stacked Ensemble Model”** in the International Conference in Computing and Data Analytics organized by College of Computing and Information Sciences, University of Technology and Applied Sciences from 10-12-2023 to 12-12-2023.



LEGENDARY INSIGHT



The future depends on what we do in the present.

~Mahatma Gandhi



FACULTY PROGRESSION



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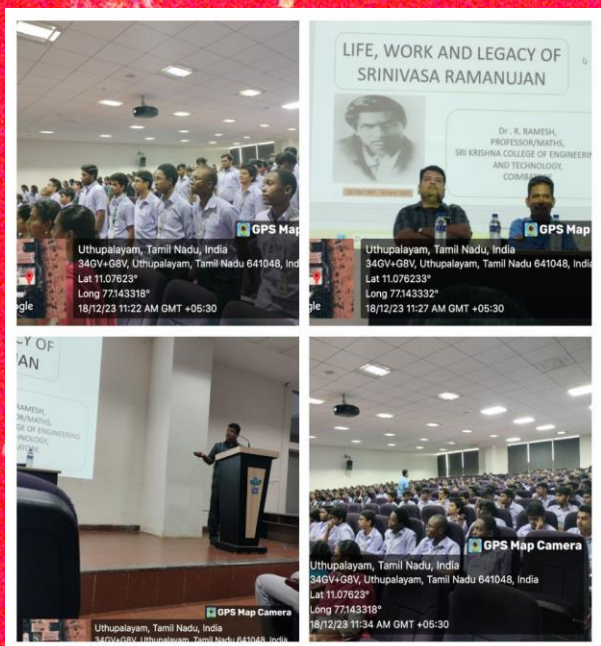
CSE | SEMINAR RESOURCE PERSON

Mr.M.Vengateshwaran, Assistant Professor, CSE has been the Resource Person for the seminar entitled **“Computational Intelligence Systems for Semantic Information Retrieval Techniques”** held on 15.12.23 at Hindusthan Institute of Technology (Autonomous), Coimbatore.



S&H | RESOURCE PERSON – GUEST LECTURE

Dr.R.Ramesh, Professor of Mathematics, Department of Science and Humanities was extended an invitation to serve as a Resource Person to deliver a guest lecture on account of Srinivasa Ramanujan's birth anniversary on the topic **“Life, Work and Legacy of Srinivasa Ramanujan”** at KPR College of Engineering and Technology on 18th December, 2023.





FACULTY CERTIFICATIONS



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MCT | FDP ON SOCIAL ENTREPRENEURSHIP



Dr.K.Ananthi and Dr.Justin Maria Hillary, Assistant Professors of **MCT** have participated in the AICTE Recognized Faculty Development Program on “**Social Entrepreneurship**” conducted by Entrepreneurship Development and Industrial Coordination Department, NITTTR Chandigarh from 20.11.2023 to 24.11.2023.

IT | FDP ON SOCIAL ENTREPRENEURSHIP



Dr.M.Arunachalam and **Dr.T.Keerthika**, faculty members of IT Department have attended the AICTE sponsored FDP on "Social Entrepreneurship" conducted by Entrepreneurship Development and Industrial Coordination Department from 20.11.2023 to 24.11.2023, at SKCET, Coimbatore.



CREATIVE CORNER



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UPCOMING EVENT



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(An Autonomous Institution | Accredited by NAAC with Grade 'A')
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"Alumni: We're not just graduates; we're chapters in the story of resilience, friendship, and growth. Our alma mater isn't just a place; it's a living, breathing part of who we are and who we've become."

Alumni Association
Invites you to be a part of

ALUMNI MEET 2024
COIMBATORE CHAPTER

AMPLIFY YOUR MEMORIES



06-01-2024



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SK HALL



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