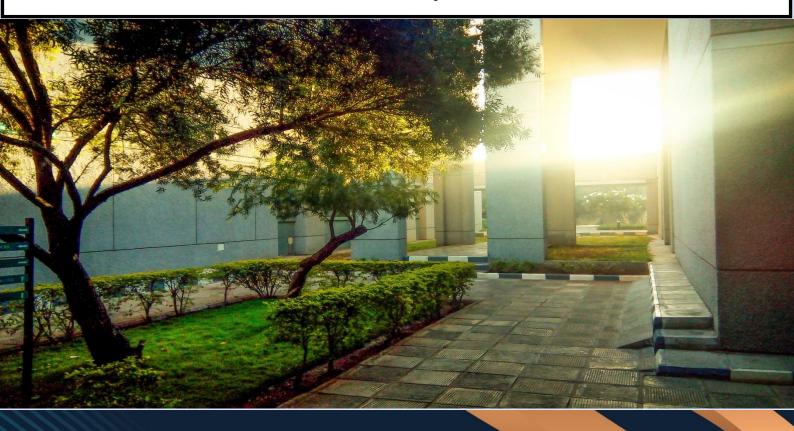


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MCT | INTERNSHIP @ KONWERT INDIA **MOTORS**

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Date 1st July, 2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Akshay Jith P P has done his/her internship in electric vehicle architecture, wiring and harness development and vehicle testing at Komvert India Motors Pvt Ltd., Coimbatore from 9th June, 2023 to 1th July, 2023

He has worked on a project titled "retrofitting of JW ICE Auto Rickshaw to an E-auto". This project was aimed at developing a low cost powertrain for conversion applications for improving livelihood. of auto drivers.

During his internship he has demonstrated his skills with self-motivation to Jearn new skills. His

P P Akshay Jith, student of Third year MCT has successfully completed his internship at Konwert India Motors Private Limited, Coimbatore and has also received a cash award of Rs.10,000 in appreciation for his excellent performance on a project titled "Retrofitting of 3W ICE Rickshaw to an E- auto".







CIVIL | INDUSTRIAL VISIT



Dr.P.Saravanakumar, Dr.S.Ramakrishnan, Dr.V.Yogeshwaran, Dr. M.R. Ezhilkumar and Mr. R. Vighnesh, faculty members of Civil Engineering Department visited Athikadavu-Avinashi Pumping Scheme Project by Water Department, Government of Tamilnadu, at Bavani on 29th June Dr.S.Sivalingam, Chief Engineer, Water Resources Department, Coimbatore, facilitated the visit to pumping stations at Kalingarayan Anicut. **Er.Poornima**, AE, Water Resources Department explained about the divertion of 1.5TMC surplus water of Bavani river by pumping through pipelines to feed and fill 1045 tanks and waterbodies.

Key points of discussion:

- Outlet Management System
- Water Management
- Water pumping
- SCADA system
- Student Internship

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EEE | EXTENSION ACTIVITY



On account of 'One Student One Tree' plantation drive, NSS officers of SKCET - Ms.R.Geethamani, Associate Professor, Department of EEE and Dr.V.Narasimharaj, Associate Professor, Department of MCT along with the faculty members of EEE department surveyed the land at K.K.Chavadi on 30.06.2023. The faculty members checked the land condition, measurements, topography, slope, elevation aspect, rooting condition, soil organic texture and water availability access to road facility for the upcoming Plantation drive.



MECH | OUTREACH ACTIVITY



Institution's Innovation Council of SKCET in association with the Society of Automation and Robotics Club of Mechanical Engineering Department conducted a session on "Introduction to Institution's Innovation Council (IIC)" for the Government Girls Higher Secondary School students, Thondamuthur, Coimbatore on 5.07.2023. Around 80 students actively participated in the event and the team was appreciated by the school Head Mistress and the teachers for conducting an eye-opening session.

The outreach activity educated the young minds on the below mentioned topics:

- Robotics & Automation
- Internet of Things
- Virtual Reality & Augmented Reality (VR&AR)
- 3D printing



ECE | SEMINAR ON HIGHER STUDIES ON **BRINGING OVERSEAS EDUCATION CLOSER**





Department of ECE organized an Educative Seminar on "Bringing Overseas Education Closer Home - Depths & Indices" on 05.07.2023 for **Third** year **ECE** students. The Session was handled by Mr.KarthikRengarajan, Institutional Head, Business Development, Bluestone Overseas Education, Coimbatore.

Session Takeaways:

- Studying abroad broadens horizons and promotes understanding of different societies.
- Overseas education provides exceptional learning opportunities and resources.
- Studying abroad nurtures personal development and self-reliance.
- Overseas education boosts career prospects through international exposure and valuable industry connections.







MCT | TUTOR WARD MEETING



Dr. K. Ananthi, Assistant Professor, MCT. has conducted Tutor Ward Meeting for Third year students on 04.07.2023. The pointers of discussion were:

- Regular attendance in the class
- IFT Report and Presentation
- Nature of subjects
- Accommodation Updates
- CIA 1 dates and preparation
- Participation in co and extracurricular activities

MCT | TUTOR WARD MEETING

Dr.J.Indirapriyadharshini, **Assistant** Professor, MCT conducted Tutor Ward Meeting for the Third year MCT B students on 04.07.2023. The pointers of discussion were:

- Regular attendance
- Industrial for training open elective
- Attendance on weekend Coding contest
- Preparedness for CIA 1 Exam
- Participation in co-curricular and extracurricular activities







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TESTIMONIAL BY PLACED STUDENTS

Boundless area of knowledge, values and ethics of SKCET carved me a better individual and made me to achieve my dream of getting placed in a reputed organization. With the constant support and guidance of faculty and the placement cell, I got placed in INFORMATICA. In the placement training I got to learn more about the technical and non-technical skills which helped me to crack the interview. SKCET offered exposure through various curricular and non-curricular activities and also provided me the platform to meet great recruiting companies. I'm grateful to the institution for providing me the positive environment with extraordinary faculty members who helped me to achieve my goal. I am very much grateful to my parents for choosing SKCET. Thanks to our Principal Madam and entire SKCET faculty team.

> SUBA RANJANI M. **CSE (2021 BATCH), INFORMATICA**





TESTIMONIAL BY PLACED STUDENTS

The 4 years I have spent in SKCET was amazing and to learn in a very positive environment help me in every way. Thanks to SKCET for giving me an opportunity to learn and grow and to hone my communication skills, technical skills and management skills, which are required in life to have a successful career. SKCET has assisted me in developing my interests in both research and development. There are numerous and in-depth learning opportunities available to assist one in developing practical knowledge of the subjects. Placement opportunities in SKCET are plenty and with right guidance, I was able to secure my placement and my future. I am very happy that I chose SKCET back in 2019. I convey my sincere thanks to our Principal Madam and the entire SKCET family for providing me with adverse opportunities in building my career.

> ABHIJITH P R, MCT (2023 BATCH), **TEMENOS**









R&D | **JOURNAL PUBLICATION** | **EEE**



Dr.K.C.Ramya, HoD, EEE Department has published a paper entitled "Review of Next-Generation Wireless Devices with Self-Energy Harvesting Sustainability Improvement" in Energies 2023 with an Factor:3.252http://doi.org/10.3390/en16 135174. It is indexed in SCI & Scopus journal.

R&D | ARTICLE PUBLICATION | MECH

Dr.C.Rajendran, Associate Professor, MECH Department has published a scientific article entitled 'Evaluation of nickel shot peening process on strength of friction stir AA2014-T6 aluminum alloy joints' in Practical Metallography. It is a SCI, WoS and SCOPUS Indexed Journal with an Impact Factor 0.429. The journal also enlisted Anna in University Annexure 1 list.



Requires Authentication | Published by De Gruyter | July 1, 2023

Evaluation of nickel shot peening process on strength of friction stir welded AA2014-T6 aluminum alloy joints

Einfluss des Nickel-Kugelstrahlverfahrens auf die Festigkeit von reibrührgeschweißten Verbindungen aus der Aluminiumlegierung AA2014-T6

K. Mallieswaran, C. Rajendran, R. Padmanabhan and S. Rajasekarar

From the journal Practical Metallography https://doi.org/10.1515/pm-2022-1038

Abstract

The best aluminum alloys for construction are those that incorporate copper. However, welding engineers find it difficult to join aluminium and its alloys as a result of cracking. One of the popular methods for joining nonferrous materials, especially aluminum alloy is friction stir welding (FSW). A tensile strength of 75 % to 85 % of the basic material strength is produced by FSW joints. The majority of studies have documented a reduction in strength as a result of incomplete melting, creating a soft region at the boundary between the thermo – mechanically influenced zone and the stir zone. The current effort has focused on using the shot peening method to reduce the softness at the interface. According to the test findings, the nickel shot-peened joint produced a stronger joint than the traditional FSW joint. The shot-peened joint has gained 7 % additional strength compared to untreated joint.

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IT | JOURNAL PUBLICATION | R&D

nya Institute of Technology and Sciences (1), Sri Krishna College of Engineering and Technology (2) ORCID: 1. 0000-0003-1674-3418; 2. 0000-0001-8680-8390; 3. 0000-0001-8461-3792; eign 1919/9448-2023 de 18
A hybrid drug named entity recognition framework for real time pubmed data using deep learning and text summarization techniques

Dr.S. DeepaKanmani,

Associate Professor, IT has published an article titled "A hybrid drug recognition named entity framework for real time pubmed data using deep learning and text summarization techniques" in the Journal of Przeglad Elektrotechniczny (Electrical Review). It is a Scopus Indexed Journal.

ECE | PAPER PUBLICATION | R&D

Ms.G.Saranya, Assistant Professor, of **ECE** Department has published SCIE and Scopus indexed journal "IoT-based titled patient monitoring system for predicting heart disease using deep learning" in Measurement Journal. Dol:10.1016/j.measurement.2023.1 13235









CIVIL | FACULTY APPRECIATION





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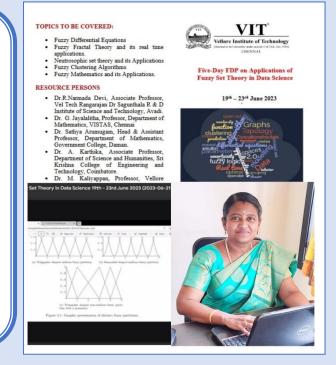
S&H | GUEST LECTURE ON SELF IDENTITY



Dr.Ritu Priyadharshini V, Assistant Professor, Department of Science and Humanities has been invited as a Guest Lecturer to deliver a talk on **Self Identity** for the **First** year induction program at CIT Sandwich Polytechnic College, Coimbatore. The talk aimed to explore the concept of self-identity and discussed the importance of self-awareness in understanding one's self-identity.

S&H | GUEST LECTURE ON APPLICATIONS OF FUZZY SET THEORY IN DATA SCIENCE

Dr.A.Karthika, Associate professor, of Science Department **Humanities** delivered a talk on "Fuzzy Mathematics and its Applications" in the five days FDP on "Applications of fuzzy set theory in Data Science" by VIT, Chennai conducted 21-06-2023. The session provided with participants insights into specialized area of mathematics and inspired them to explore its potential applications in their academic pursuits.



Feedback @ skcetbuzz@skcet.ac.in







SOM | FDP ON PERSONALITY DEVELOPMENT FOR TEACHERS



Dr.R.Muthukrishnan, Dr.R.Suyam Praba. Dr.P.Deepthi. Ms.P.Suganthi faculty members of SOM has actively participated in Days Faculty Development Program on "Personality Development for Teachers in Higher Education Institutions" conducted by IOT Academy from 26th June 2023 to 04th July 2023.



CSBS | FDP ON GENERATIVE AI









Dr.G.Ignisha Rajathi, Ms.F.Margret Sharmila, Ms.M.Fathima Mr.I.Anantraj, faculty members of CSBS have attended the FDP titled "Generative AI" conducted by School of Electronics Engineering at Vellore Institute of Technology from 22.06.2023 to 24.06.2023



MECH | SHORT-TERM COURSE ON LASER MATERIALS PROCESSING



Dr.R.Soundararajan, Associate Professor, Mechanical Engineering Department have successfully completed the online short-term course on "Characterization and Testing of Components Following Materials Processing including **Engineering** Surface and Manufacturing" Additive from 26.03.2023 18.03.2023 to organized by Indian Institute of Technology Kharagpur association with Birla Institute of Technology (BIT) Mesra. and **National** Indian Academy of Engineering (INAE), New Delhi.

IT | INFOSYS CERTIFICATION

Mrs.V.Sindhu, Assistant Professor, IT has successfully completed a course on Data Interpretation" offered by Infosys, Springboard.



Feedback @ skcetbuzz@skcet.ac.in

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ECE | FDP ON AI & DL



Dr.C.Thirumarai Selvi. Professor, **ECE** Department has attended 5 day FDP on "AI & Deep Learning Approach for Image Processing and its Applications", organized by Paavai Engineering College, Namakkal from 19.6.23 to 24.6.23.

CSE | COURSERA CERTIFICATION

Dr.M.Rohini, **Assistant** Professor, Department of CSE has successfully completed the online course on "Full Stack **Cloud Development Capstone** Project" authorized by IBM and offered through Coursera.



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AI & DS | NPTEL MENTOR CERTIFICATION





Mr.G.S.Pugalendhi, Mr.K.Balaji & Ms.R.Kiruba Assistant Professor of Al&DS in recognition of his / her role as mentor for the NPTEL Online Certification course "PSYCHOLOGY STRESS, HEALTH AND WELL - BEING" on Jan - Apr 2023.

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SKCET | ALUMNI INTERACTION



Mr.Sai Saran Vaidyanathan, Cloud Solutions Architect, Google, California, USA, 2006 passed out batch Alumni interacted with the Third year **MECH** students on 03.07.2023.

Session Highlights:

- Work culture in Google organization.
- Motivated the students to work towards their passion.
- Importance of learning new things and upgrading their skills.
- Scope for Mechanical Engineers in IT Profession.

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AI&DS | CREATIVE CORNER



P.A Devesh III Year AI & DS

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AI&DS | CREATIVE CORNER

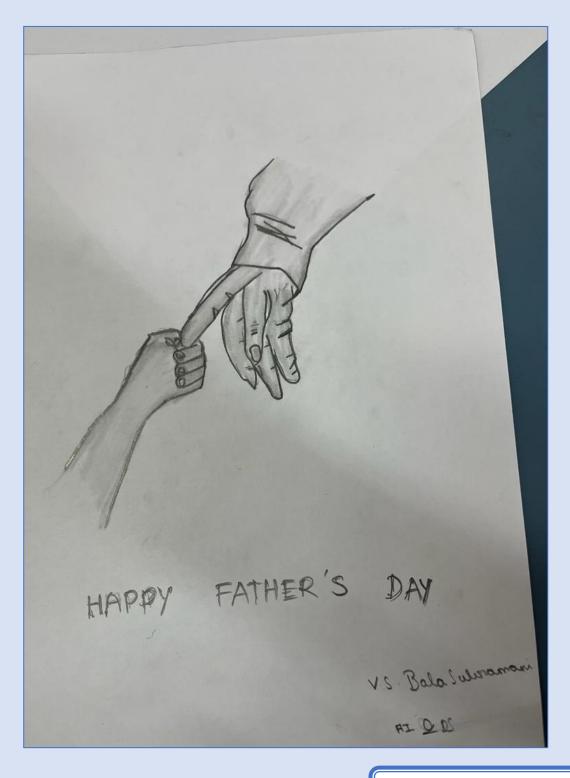


V.Sudesh III Year AI & DS

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AI&DS | CREATIVE CORNER



V.S.Bala Subaramani III Year AI & DS

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S&H | CREATIVE CORNER





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