

**SKCET**

# Buzz

13<sup>th</sup> July - 19<sup>th</sup> July 2024



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Dr.S.Venkata Lakshmi - AI & DS

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Mr.G.S.Pugalendhi -AI & DS,  
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**INSTITUTIONAL  
EVENTS**



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# FDP | VANKATRAM LEARNING CENTRE



The Vankatram Learning Centre of Sri Krishna College of Engineering and Technology organized a Faculty Development Programme titled "**Developing a Knowledge Framework for Effective Research**" on 18.7.2024. **Dr. S. A. Fazlur Rahman**, Dean, Sri Krishna Institutions Library System, Coimbatore was the Resource Person. The Programme was presided by **Dr. K. Porkumaran, Principal**, SKCET. The program aimed to provide faculty members with essential tools and insights to enhance their research capabilities and develop a structured framework for conducting impactful research.

### Session Highlights:

- National Education Policy
- Research Metrics
- Knowledge Spectrum
- Global Innovation Index
- Scholarly Knowledge Resource Sources
- Library Technology and Infrastructure
- Library Resource and Remote access.

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# STUDENTS CERTIFICATION



## IT | HACKATHON 2024



**Adarsh A M** and **Balaji J**, students of second year **IT** have participated in the **Prasunethon Hackathon 2024**, a 48 hours Hackathon held from 29-06-2024 to 30-06-2024.

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## EVENTS



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## AI&DS | INDUSTRY INSTITUTION INTERACTION



Department of **Artificial Intelligence and Data Science** organized an **Industry Institution Interaction Programme - The Future of Technology: Embracing Digital Transformation** on 04.07.2024.

Our beloved **Principal, Dr.K.Porkumaran** greeted the experts and **Dr. S. Venkata Lakshmi, Program Coordinator, AI&DS** welcomed the Chief Guests, **Mr.Baskar Ganthavadi**, Director, Workforce Development and Curriculum, Service Now, Hyderabad. **Mr.Jai Prakash**, Lead Talent Initiatives, Smart bridge and **Mr.Vijay**, Program Manager, Smart bridge.

### Key Pointers of discussion:

- Emerging technologies and Job opportunities across India
- Strategies for website development, maintenance and startups
- Impact of IT exports, Global Capability Centers (GCCs)
- Skills for the digital era and the influence of AI in IT employment
- Student learning pathways.



# AI&DS | NSS EVENT - THE EVIL EFFECTS OF POPULATION EXPLOSION



Department of **Artificial Intelligence and Data Science** in association with the **NSS** organized a **Drawing and Poetry Writing Competition** titled "**The Evil Effects of Population Explosion**" on 11.7.2024 to the students of Government Higher Secondary School, Madukkarai to inculcate the importance of population explosion. Students showcased their talents in both drawing and poetry competition. Top three talented students were rewarded with gifts.

## EEE | NACC INTERNAL AUDIT



Department of **EEE** conducted an internal audit for NAAC metric verification, led by **Dr. K. Porkumaran**, Principal and **Dr. S. Sophia**, Dean on July 12<sup>th</sup> and 13<sup>th</sup>. **Dr. S. Maragatham**, Director, Sri Krishna Institutions, served as the expert auditor and provided constructive feedback and valuable suggestions to improve the quality of the documentation.

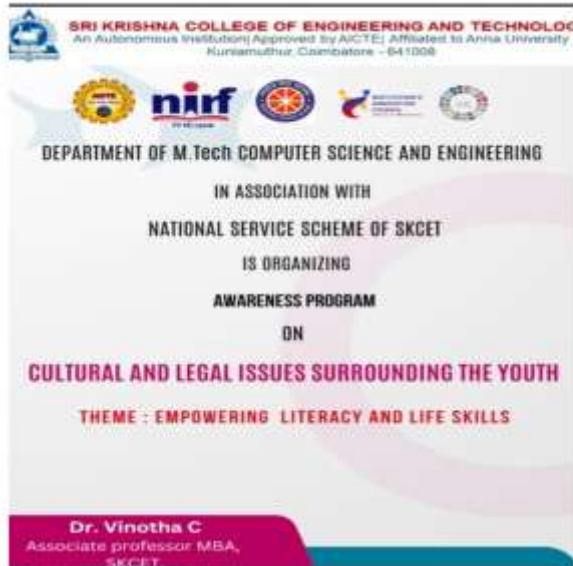
### Day-1:

- Department Vision & Mission
- Curriculum framing
- BoS Documents
- POs, PSOs & PEOs
- Time table and Subject Allocations

### Day-2:

- Assignment Files
- PTM reports
- Mentor - Mentee files
- Result Analysis and Action Taken Reports
- Course files
- Semester Result files
- Placement files
- SWOC

# M.Tech CSE | NSS ACTIVITY - AWARENESS CAMPAIGN



Department of **M.Tech CSE** organized an Awareness campaign on “**Cultural and Legal Issues Surrounding the Youth**” under the theme “**Empowering Literacy and Life Skills**” for the faculty members and students on 16.07.2024.

**Resource person:** Dr.C.Vinotha, Associate Professor, School of Management , SKCET, Coimbatore

### Session Takeaways:

- Cultural sensitivity
- Respect for diversity
- Happy well being and Self Empowerment

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# TUTOR WARD MEETING



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## MCT | TUTOR WARD MEETING



Tutor ward meeting was conducted for the Final year **MCT A** students on 11.07.24 by **Dr. G. Veerappan** and **Dr. D. Pritima**, faculty members of **MCT** Department.

### Pointers of Discussion:

- Importance of Placement Training and tests
- Conversion of Mini project to Journal publication
- Readiness on Industrial Project and its mapping with SDGs
- Dress code and overall discipline inside the campus.

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# PLACEMENT AND TRAINING



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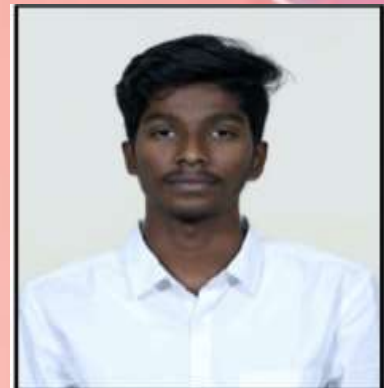


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## EEE | PLACEMENT TESTIMONIALS

As I look back on my journey and anticipate the exciting new chapter ahead, I want to extend my deepest gratitude to all my faculty members, tutors, coordinators and HOD's who have tirelessly supported me in achieving my goals. 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 at SKCET. 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 the society and build a successful career. Thank you SKCET once again for being an essential part of my journey and for helping me reach this significant milestone.

**NITHISH U**  
**EEE**  
**Presidio Pvt. Ltd**



## SKCET | PLACEMENT TESTIMONIALS

I am Charuthy A D from the Civil Engineering Department (Batch 2020–2024). My experience at SKCET has been wonderful, providing me with the opportunity to gain new skills essential for my career. Expert sessions by industry professionals acquainted me with the latest industry trends. Training focused on improving soft skills and overall personality development greatly assisted me during placements. The college offers numerous opportunities to learn and showcase skills. Overall, my time at SKCET has been very positive, and I am grateful to my parents for choosing this institution. I would like to especially thank the placement cell and faculty team for providing a strong platform for my career and guiding me at every stage of the placement process, helping me secure a position at AARBEE STRUCTURES. Thanks to the Principal and the entire SKCET faculty team.

**CHARUTHY A D,  
CIVIL,  
AARBEE STRUCTURES**





## SKCET | PLACEMENT TESTIMONIALS

I want to take a moment to express my deep gratitude to the entire Sri Krishna College of Engineering and Technology family for their unwavering support and dedication. As I set out on this exciting journey in my career, I can say with confidence that SKCET has been instrumental in shaping not only my educational foundation but also my holistic development.

The guidance and support provided by the faculty and placement team were nothing short of exceptional. They not only equipped me with the necessary knowledge and skills but also instilled the confidence and readiness to thrive in the professional world. I'm immensely thankful to the professors and staff in my department for their unwavering commitment. Their rigorous training played a pivotal role in helping me secure a coveted position at MU SIGMA. SKCET has truly been the cornerstone of my life's journey, and I'm deeply appreciative of the support and dedication shown by the management, Placement Cell and my department.

**ASWIN B,  
EEE  
MU SIGMA**



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**RESEARCH AND  
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# R&D | PAPER PUBLICATION | ECE



**Dr.S.P.Premnath,** Assistant Professor, Department of **ECE**, has published SCI and Scopus indexed Journal titled **“Image enhancement and blur pixel identification with optimization-enabled deep learning for image restoration”** in the Journal, Signal, Image and Video Processing. **Dol:** <https://doi.org/10.1007/s11760-024-03092-6>.

# R&D | PATENT PUBLICATION | MCT

**Dr.S. Madhankumar,** Assistant Professor of MCT has filed a design patent on **“Smart Trolley”** along with A. Aarathi, S. Asmitaa and S. Anjanadevi students of Second year MCT.



# R&D | JOURNAL PUBLICATION | CIVIL

**Mr. S. C. Boobalan**, Assistant Professor, Department of **Civil Engineering**, has published a research article titled **“A comparative analysis of high-performance concrete: evaluation of strength and durability parameters with alternate fine aggregates and alccofine through response surface methodology model”** in Revista Materia. It is indexed in Scopus and WoS.



# R&D | PATENT PUBLICATION | MCT



**Dr. S. Madhankumar**, Assistant Professor of **Mechatronics Engineering** has filed a design patent on **“Angle Bush”** along with **S. Saran Sarvesh**, **S. Praneet** and **B. Selvasrigha**, students of Second year MCT.

# R&D | PAPER PUBLICATION | S&H



Dr. Krishnaprakash S, Assistant Professor, Department of Science and Humanities has published two papers entitled, **Comprehensive Decision-Making with Spherical Fermatean Neutrosophic Sets in Structural Engineering**, vol.24, pp 432-450, 2024 & **A Robust MCDM Framework for Cloud Service Selection Using Spherical Fermatean Neutrosophic Bonferroni Mean** in International Journal of Neutrosophic, vol.24, pp 420-431, 2024.

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## CSY | Ph.D VIVA VOCE



**Mr. S. Palani**, Assistant Professor, Department of **CSE (Cybersecurity)** has successfully completed his Ph.D. Viva Voce on the topic of **“An Energy-Aware Resource Allocation and Cryptographic Methods for E-Health Care Applications in Real Cloud Environment”** at Vellore Institute of Technology, Vellore on 11.07.2024.

## CAN YOU SOLVE

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5	10	?

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# FACULTY CERTIFICATIONS



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# AI&DS | FDP ON DEEP LEARNING & IOT DRIVEN SMART APPLICATION



**Mr.K.Balaji, Mr.A.Wasim Raja, Mr.S.Senthil Kumar and Mr.G.S.Pugalendhi** Assistant Professors, **AI & DS** Department have participated in One Week Faculty Development Program on “**Deep Learning and IOT Driven Smart Applications**” organized by the Department of Computer Science and Engineering, MLRIT, Hyderabad from 24-06-2024 to 29-06-2024.

# AI&DS | ESSENTIAL SKILLS FOR PROFESSIONAL DEVELOPMENT IN HIGHER EDUCATION



**Mr.S.Senthil Kumar, Mr.G.S.Pugalendhi, Mr.A.Wasim Raja, and Mr.K.Balaji** Assistant Professors, **AI & DS** Department have participated in One Week Faculty Development Program on **"Essential Skills for Professional Development in Higher Education"** organized by Star International Foundation for Research and Education on 01.07.2024 - 07.07.2024.

## AI&DS | WORKSHOP ON NPTEL - AWARENESS



Mr.G.S.Pugalendhi and Mr.S.Senthil Kumar, Assistant Professors, AI & DS Department have participated in the One Day workshop on “NPTEL E-Awareness” organized by NPTEL on 04.07.2024.

## ECE & MCT | FDP ON DIGITAL AND ANALOG APPLICATIONS



Dr. V. Karthik, Ms U Vanitha, and Dr. S. Dinesh Associate Professor, Department of ECE and MCT have attended Tamilnadu Government sponsored One week Faculty Development Programme on “Digital and Analog Applications of Differential and difference Equations in Semiconductor based Industries of the Millennium” from 08.07.2024 to 12.07.2024 organized by Faculty Development Training Centre,GCT Coimbatore.

## CIVIL | LCA CERTIFICATION



Mr. A. Jesudass, Assistant Professor, Department of Civil has completed a certification course on “Life Cycle Assessment of Buildings (LCA)” organized by Indian Green Building Council from 26<sup>th</sup> to 28<sup>th</sup> June 2024.

## MCT | FDP ON DATA ANALYTICS USING PYTHON

Dr.M.Bhuvaneshwari, Assistant Professor of MCT has participated in one week Faculty Development Program on “Data Analytics using Python” conducted by ICT Academy from 8<sup>th</sup> July 2024 to 12<sup>th</sup> July 2024 at Sri Krishna College of Technology, Coimbatore.



# MCT | FDP ON ESSENTIAL SKILLS FOR PROFESSIONAL DEVELOPMENT IN HIGHER EDUCATION



**Dr. R. Gopinathan, Dr. M. Bhuvaneshwari, Dr. S. Dinesh and Mr. T. Vignesh**, faculty members of **Mechatronics Engineering** have actively participated in the 7 days online Faculty Development Program on **“Essential Skills for Professional Development in Higher Education”** organized by Star International Foundation for Research and Education from 01.07.2024 – 07.07.2024.

## M.Tech CSE | FACULTY DEVELOPMENT PROGRAM



**Mr.J.Senthil** , Assistant Professor, Department of **M.Tech CSE** has successfully completed an online course titled “**Computer Hardware Basics**” by CISCO Networking Academy on 16.7.2024.

## CSE | FDP ON GLOBAL RACE FOR AI DOMINANCE

**Dr.G.Vijaya**, Professor, **CSE** participated in two days Faculty Development Programme on “**Global race for AI Dominance**” organized by Department of Information Technology ,Sri Krishna College of Engineering and Technology, Coimbatore from 27.06.2024 to 28.06.2024.



## CSE | FDP ON DATA ANALYTICS USING PYTHON



Dr. Reshma V.K, and Ms. Rama Ranjini, faculty members of Computer Science and Engineering Department have participated in the one week Faculty Development Program on “Data Analytics using Python” conducted by ICT Academy from 8<sup>th</sup> July 2024 to 12<sup>th</sup> July 2024 at Sri Krishna College of Technology, Coimbatore.

## CSE | FDP ON ESSENTIAL SKILLS FOR PROFESSIONAL DEVELOPMENT IN HIGHER EDUCATION



Dr. Reshma V.K, Associate Professor, Computer Science and Engineering, has actively participated in “7 Days Online Faculty Development Program on Essential Skills for Professional Development In Higher Education” organized by Star International Foundation for Research and Education from 01.07.2024 - 07.07.2024

## IT | INFOSYS CERTIFICATION

Mr. S. Shiva Shankar, Assistant Professor IT has successfully completed a course on “Data Mining Techniques Using SAS Enterprises Miner” certified by Infosys Springboard.



## CSY | INFOSYS CERTIFICATION

Ms. Antonitta Eileen Pious, Assistant Professor, Department of CSE (Cybersecurity) has successfully completed Machine Learning Foundation Certification offered by Infosys Springboard on July 6<sup>th</sup>, 2024.





# CSBS & CSY | NPTEL E - AWARENESS WORKSHOP



**Dr.P.Shanthi**, Program Coordinator, CSBS & CSY along with **Dr. F. Margret Sharmila**, **Mr. I. Anantraj**, **Mrs. A. Mary Ani Reka**, Assistant Professors, Departments of CSBS and CSY have participated in the NPTEL E-Awareness Workshop on July 4, 2024.

## CSY | FDP ON RECENT TRENDS IN COMPUTING 4.0



**Ms. Anitha. G**, Assistant Professors, Department of **CSY** has successfully completed One Week Online Faculty Development Program on “**Recent Trends in Computing 4.0**” organized by the Department of Computer Engineering, Vishwakarma Institute of Technology, Pune from 8<sup>th</sup> July to 13<sup>th</sup> July 2024.

## CSBS | FDP ON DEEP LEARNING AND IOT DRIVEN SMART APPLICATIONS

**Dr.F.Margret Sharmila**, Assistant Professor, Department of **CSBS** has successfully completed a One-Week Online Faculty Development Program on “**Deep Learning and IOT Driven Smart Applications**” organized by the Department of Computer Science and Engineering, MLRIT from 24<sup>th</sup> - 29<sup>th</sup> June 2024.

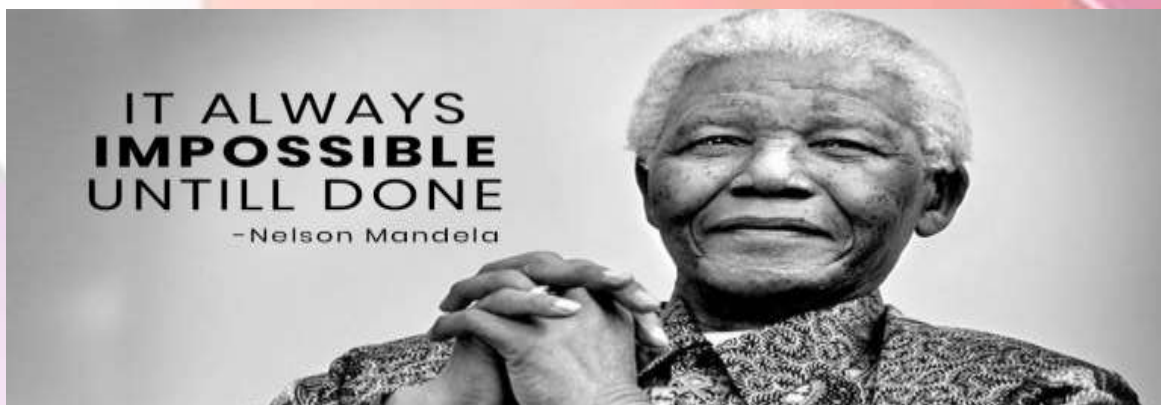


## IT| FDP ON RECENT TRENDS IN COMPUTING 4.0



**Ms.A.Raihana** and **Dr.V.Sindhu**, Assistant Professors, IT have participated in one week FDP on “**Recent Trends in Computing 4.0**” organized by the Department of Computer Engineering, Vishwakarma Institute of Technology, Pune from 08-07-2024 to 13-07-2024.

## LEGENDARY INSIGHTS



# CSBS & CSY | NPTEL CERTIFICATION



**Dr. F. Margret Sharmila, Mr. I. Anantraj, Mrs. A. Mary Ani Reka and Mrs. Antonitta Eileen, Assistant Professors, Department of CSBS & CSY, have been recognized with a Certificate of Appreciation as mentors for the NPTEL Online Certification Course.**

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## MECH | ALUMNI INTERACTION



**Mr. Kapilan**, an esteemed alumnus from the Department of **Mechanical Engineering** (2012-2016 batch), currently serving as a Technical Lead Support at Shri Abirami Industries, Coimbatore on July 10, 2024. He delivered an insightful seminar on the topic “**Entrepreneurship and its Challenges**,” for the Final-year Mechanical Engineering students.

### Session Takeaways:

- Scope for Mechanical Engineers in Core Industry
- Role of Mechanical Engineer in Machine Design
- Entrepreneurship opportunities for Mechanical Engineers
- Skill sets required

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## ECE | WORLD YOUTH SKILLS DAY: JULY 15

World Youth Skills Day is celebrated annually on July 15<sup>th</sup> to highlight the importance of equipping young people with skills for employment, decent work, and entrepreneurship. This day was established by the United Nations General Assembly in 2014 to acknowledge the critical role of skilled youth in addressing global challenges and achieving sustainable development.



The significance of World Youth Skills Day lies in its focus on the strategic importance of equipping young people with skills. Youth unemployment is a major issue worldwide, and skill development is crucial for enhancing their employability and entrepreneurial potential. By investing in youth skills, we can drive economic growth, foster social inclusion, and build resilient societies.

### Global Youth Skills Trends

In today's rapidly changing world, the demand for new and advanced skills is constantly evolving. Technological advancements, globalization and shifting labor markets require young people to adapt and acquire new competencies.



## ECE | WORLD YOUTH SKILLS DAY: JULY 15

### Challenges and Solutions

**1. Access to Education and Training:** Many young people, especially in developing countries, lack access to quality education and training opportunities. Solutions include increasing investment in education infrastructure and providing scholarships and financial aid.

**2. Mismatch of Skills and Jobs:** There is often a disconnect between the skills young people acquire and the demands of the labor market. Bridging this gap requires collaboration between educational institutions and industries to align curricula with job market needs.

### Efforts to Enhance Youth Skills

**1. Technical and Vocational Education and Training (TVET):** TVET programs provide practical skills and hands-on experience, making youth more job-ready and reducing the skills gap.

**2. Apprenticeships and Internships:** These programs offer valuable on-the-job training and experience, helping youth transition from education to employment.

### Conclusion

World Youth Skills Day is a call to action to invest in the skills development of young people. By providing access to quality education and training, fostering public-private partnerships, and promoting inclusive and equitable opportunities, we can empower youth to build a sustainable future for themselves and their communities.

Naraen Harish M P

IV ECE