SKCET

Buzz

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INSIDE THIS ISSUE

SKCET Buzz

INSTITUTIONAL

ACCOLADE

SKCET | IIC RANKING

SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY
An Autonomous Institution / Affiliated to Anna University
Kuniamuthur , Coimbatore - 641 008

INSTITUTION'S INNOVATION COUNCIL

SKCET - INSTITUTION'S INNOVATION COUNCIL (IIC)

4 STAR RATING

We feel immensely happy & proud to announce that SKCET was awarded with a maximum star rating of 4 for the academic year 2022-2023

Congratulations SKCET!

List of the Mentor Institute for Mentor - Mentee Scheme - 2023

S No	IIC ID	Institute Name	City	State	Zone
60	IC201810392	Paavai Engineering College	NAMAKKAL	Tamil Nadu	Southern/SRO
61	IC201912901	Periyar University	Salem	Tamil Nadu	Southern/SRO
62	IC201810565	Prince Shri Venkateshwara Padmavathy Engineering College	PONMAR	Tamil Nadu	Southern/SRO
63	IC201810252	R.M.K Engineering College	KAVARAIPETTAI	Tamil Nadu	Southern/SRO
64	IC201810067	RATHINAM TECHNICAL CAMPUS	COIMBATORE	Tamil Nadu	Southern/SRO
65	IC201810475	S.R.M. Institute of Science & Technology	KATTANKULATHUR	Tamil Nadu	Southern/SRO
66	IC201811324	Sathyabama Institute of Science & Technology	CHENNAI	Tamil Nadu	Southern/SRO
67	IC202014278	Saveetha Institute of Medical and Technical Sciences	Thiruvallur	Tamil Nadu	Southern/SRO
68	IC201810347	Sri Krishna College of Engineering and Technology	COIMBATORE	Tamil Nadu	Southern/SRO
69	IC201811883	SRI RAMAKRISHNA ENGINEERING COLLEGE	COIMBATORE	Tamil Nadu	Southern/SRO
70	IC201811089	Sri Sai Ram Institute of Technology	CHENNAI.	Tamil Nadu	Southern/SRO
71	IC201810082	Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science & Technology	AVADI	Tamil Nadu	Southern/SRO
72	IC201810783	VELLORE INSTITUTE OF TECHNOLOGY	VELLORE	Tamil Nadu	Southern/SRO
73	IC201810696	Vinayaka Mission's Kirupananda Variyar Engineering College	SALEM	Tamil Nadu	Southern/SRO
74	IC201810129	Amaljyothi College of Engineering	KOTTAYAM	Kerala	South-West/SWRO
75	IC201811151	B N M Institute of Technology	BANGALORE	Karnataka	South-West/SWRO
76	IC201810661	Basaveshwar Engineering College	BAGALKOT	Karnataka	South-West/SWRO
77	IC201810969	Cambridge Institute of Technology	BANGALORE	Karnataka	South-West/SWRO
78	IC201811190	CMR Institute of Technology	BANGALORE	Karnataka	South-West/SWRO
79	IC201810980	DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT	BANGALORE	Karnataka	South-West/SWRO
80	IC201811841	Dayananda Sagar College of Engineering	BANGALORE	Karnataka	South-West/SWRO

MoE's Institution Innovation Council (IIC) released the Annual Performance report for the academic year 2022 - 23. The event was headed by **Prof.T.G.Sitharam,** Chairman, AICTE and **Dr.Anil Sahasrabudhe,** Chairman, NETF, NBA and NAAC. IIC of SKCET was awarded with maximum of **4 Stars**. The stupendous achievement was attained by organizing various events pertaining to Innovation, Entrepreneurship, Start-up and IPR as prescribed by IIC. SKCET has also been selected as a Mentor Institute to mentor other institutions in organizing IIC activities. We are one among the top 100 Institutions chosen pan India by MoE under this mentor-mentee scheme to train other institutions.

25th November - 01st December 2023 | Weekly Newsletter

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STUDENTS ACCOLADES

CSBS | 19th ASIAN ROLLER - SKATING CHAMPIONSHIPS

Poornisha B, student of **Second** year CSBS has secured 4th place in the **19th Asian Roller Skating Championships**, held at China from 18th to 28th October 2023. **Principal Madam Dr.J.Jane**t appreciated the student on her remarkable success and wished for her future endevours.

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STUDENTS CERTIFICATION

CIVIL | STUDENT PARTICIPATION

Second year students team of **Civil Engineering** Department attended the one-day workshop on "**The Importance of Indian standards on construction Management**" conducted by the IGS Trichy chapter at NIT Trichy campus on 29th November 2023.

Session Takeaways:

- National Standards for Sustainable and Resilient Infrastructures
- Consequences of Lack of Standards
- Indispensable IS codes
- Advanced Methods of Deep Foundation Testing Probable updation of IS 2911 code
- BIS Guidelines in Geosynthetic Applications - Sustainable Infrastructure.

S. No	Register Number	Name of the students
1	727722EUCV003	AKASH S
2	727722EUCV004	AKILAN R
3	727722EUCV012	CHANDRA HARI K
4	727722EUCV016	DHARANI PRIYA R V
5	727722EUCV046	SAHIL M
6	727722EUCV056	SREE NARASIMMAN K
7	727722EUCV057	SRIDHANYAA R

AI&DS | COURSERA CERTIFICATION
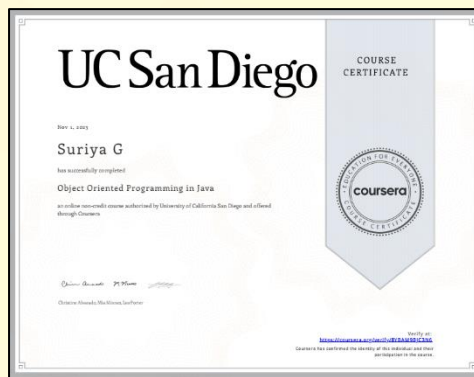
Sanjay M, student of **First** year **AI&DS** and **Suriya G,** student of **Second** year **AI&DS** have successfully completed the course on **Fundamentals of Visualization with Tableau** and **Object-Oriented Programming in Java** respectively. The courses are certified by Coursera.

CSBS | NPTEL CERTIFICATIONS

Harshita V, student of **Second** year **Computer Science and Business System** has successfully completed 12 weeks NPTEL course on **"Cloud Computing"** - July to October 2023 with **Elite** Score.

CSY | NPTEL CERTIFICATIONS

Yakshini Varsha R, Kasthuri Krishna L M, Renga Raja R, Sabari N students of Second year **Computer Science and Engineering (Cyber Security)**, have successfully completed a course on **"Enhancing Soft Skills and Personality"** by **NPTEL**.

CSY | LINKEDIN CERTIFICATION

Navaneetha Krishnan M, student of **First** year **Computer Science and Engineering (Cyber security),** has successfully completed the Course on **"Ethical Hacking: Wireless Networking"** in 1 hour 45 Minutes organized by LinkedIn Learning on Nov 30, 2023.

LEGENDARY INSIGHTS
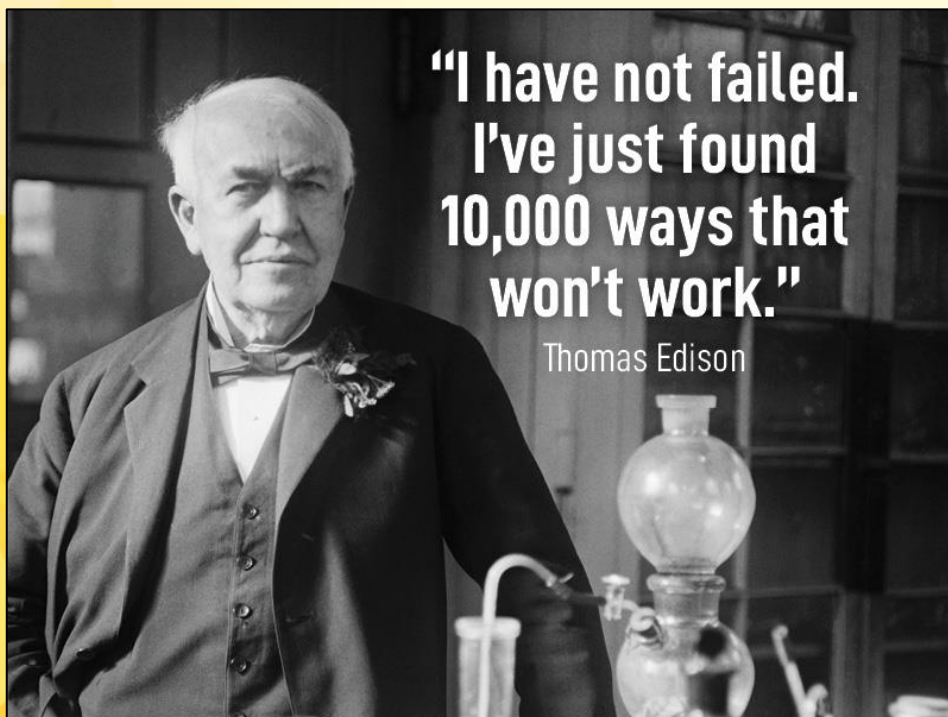
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EVENTS

S&H | EXTENDED HOUR ACTIVITY

Techie Club of **SHA** conducted **Sketchy Wonders** for the **First** year students to bring out their artistic skills and creative expressions through sketching. The event helped the students to increase their observational skills, respond to thoughts and concern of the students towards their superheroes.

S&H | EXTENDED HOUR ACTIVITY

Extramural Club of **SHA** conducted **Music on Mosaic**; a singing competition for the **First** year students to afford them opportunities for cultural and aesthetic experiences through active participation in music and enhance their understanding and appreciation of the arts. These performances pulled the heartstrings of the listeners.

MECH | SIEMENS SKILL DEVELOPMENT PROGRAMME

Department of **Mechanical Engineering** organized a six Day SIEMENS Sponsored Skill Development Program on **"Machine Design Drawing Using SIEMENS Solid Edge".** The program was conducted in two batches.The program for batch 1 students was organized from 6.11.23 to 8.11.23 and 15.11.23 to 17.11.23. The program for batch 2 students was conducted on 20.11.23 to 25.11.23. A total of 61 students attended the programme.

MECH | SIEMENS SKILL DEVELOPMENT PROGRAMME
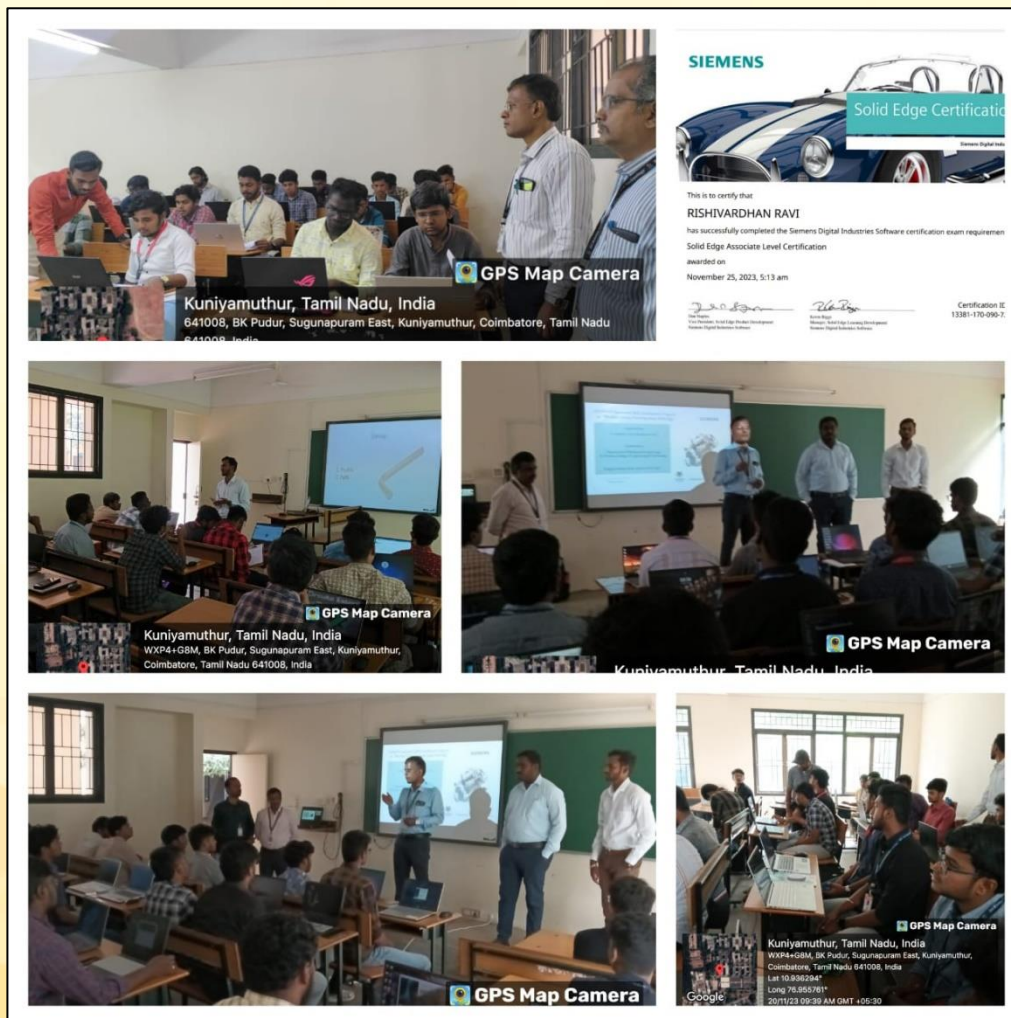
Topics Covered:

Day 1: Solid Edge Introduction & Parametrically Constrained Sketch

Day 2: 3D Model Creation using Extrude, Hole, Draft, Round & Chamfer (Ordered Mode)

Day 3: More 3D Modeling with Revolve, Thin Wall, Rib, Pattern (Ordered Mode)

Day 4: 3D Model Mastery with Sweep & Loft, Synchronous Driven Features

Day 5: Assemblies & 2D Manufacturable Drawing Creation

MECH | SKILL DEVELOPMENT PROGRAMME ON SMART POLYHOUSE

Department of Mechanical Engineering organized DST SEED sponsored Skill Development Programme on **'Smart Polyhouse'** from 22.11.2023 to 24.11.2023 in association with Red Crystal Agro Services. **Mr.Vijayakumar,** Agriculture Engineer and **Mr.Ramalingam**, Director, Red Crystal Agro Services were the resource persons.

Training takeaways:

- Overview of Agriculture machinery operation and maintenance.
- Agriculture as commercial end to end business process: Pre harvesting and Post harvesting techniques, governement policies, financial opportunities and challenges.
- Hands on demonstration of modern irrigation techniques and equipments
- Hands on demonstration of Hexacopter Drones used in agriculture pest control and fertilizer spray applications.
- Organic farming, integrated farming and self sustained farming.

SOM | ACADEMIC PARTNERSHIP

School of Management initiated a discussion with Bhilai Institute of Technology, Durg for a possible academic partnership for Student Exchange Programs, Collaborative Research and Faculty exchange programs. The discussion included a panel of members - **Dr Arun Arora** – Principal, **Dr. Satya Vardhan Tiwari**- HOD, **Dr Judith Gomes** and **Prof. Abhishak Chakraborthy**, Department of Management Studies, Bhilai Institute of Technology, Durg, Chhattisgarh on 28.11.2023.

Key Discussions:
- Possibilities of Students Exchange Program and Certifications
- Student & Faculty Collaborative Research
- Joint conferences and seminars
- Collaboration with IIM – Raipur
- Projects and Internship in Chhattisgarh industries
- Industrial visits in Bhilai Steel Plant

Program coordinator: Mr.C.Boopathy

M.TECH CSE & CSD | NSS OUT REACH ACTIVITY

Department of **M.Tech CSE** and **CSD** in association with NSS/USVA conducted a School Outreach Activity on the theme "**Bharathiya Bhasha Diwas".** Various competitions like Essay Writing, Poetry Recitation and Speech in Regional Languages on the theme Bharathiya Bhasha Diwas was organized for the school students of **Government High School, Kamaraj Nagar, Sidco** on **24.11.2023.**

Students enthusiastically participated and expressed the significance of our tradition, Dravidian culture and Legacy of Tamil language. The winners were appreciated with prizes and motivated to participate in various competitions in future.

SOM | GUEST LECTURE ON START - UP ENTREPRENEURSHIP

School of Management organized a Guest Lecture on **"Start – Up Entrepreneurship"** on 22.11.2203. **Mr.R.Vishnuvardhan**, Founder & CEO of FarmFam – DreamX Ventures Pvt Ltd was the Resource Person.

Session Take-aways:

- Skills required to build start-up
- Ways to access market study before starting business
- Ways to overcome initial stage of Business.
- Understanding competitors SWOT
- Ways to build successful start –ups

Program Coordinator: Mr.C.Boopathy

M.TECH CSE | GUEST LECTURE ON FLUTTER WITH FIREBASE

Department of **M.Tech Computer Science and Engineering** organized a Guest Lecture on **"Flutter with Firebase"** on 28.11.23 for the Second year M.Tech students to make them aware about the latest technologies in Flutter Framework.

Resource Person: Mr.Sabarinathan Muthu, Founder & CEO, Gateway Software Solution.

Session Highlights:

- Firebase Integration
- Crashlytics
- Firebase Cloud Messaging
- Blaze Plan
- Cloud Firestore

M.TECH CSE | INTERNATIONAL DAY OF VIOLENCE AGAINST WOMEN

Department of **M.Tech Computer Science and Engineering** organized a **Poster making Competition** on account of **International Day of Violence against Women** on 24.11.23 for the First year students.

Highlights:

➢ To unite and to prevent Violence against Women & Girls.

➢ To raise public awareness of the issue.

➢ To help them understanding the impacts on society

The winners and participants were appreciated with e-certificates.

MECH | WORKSHOP ON INNOVATION AND ROBOTICS BOOT CAMP

Department of **Mechanical Engineering** organized a one-day workshop on **'Innovation and Robotics Boot camp'**. **Mr.P.Celestine**, Robotics Engineer, Robomatic Pvt Ltd, Coimbatore was the Resource Person. Second year students from the Department of Mechanical Engineering attended the session. The Universal Robo League motto, the purpose and objectives of robotics, team formation, problem identification, solution ideas, Insights into robotic events and the intricacies of robot preparation were the session highlights.

M.TECH CSE | WORKSHOP ON CYBER SECURITY AND ETHICAL HACKING
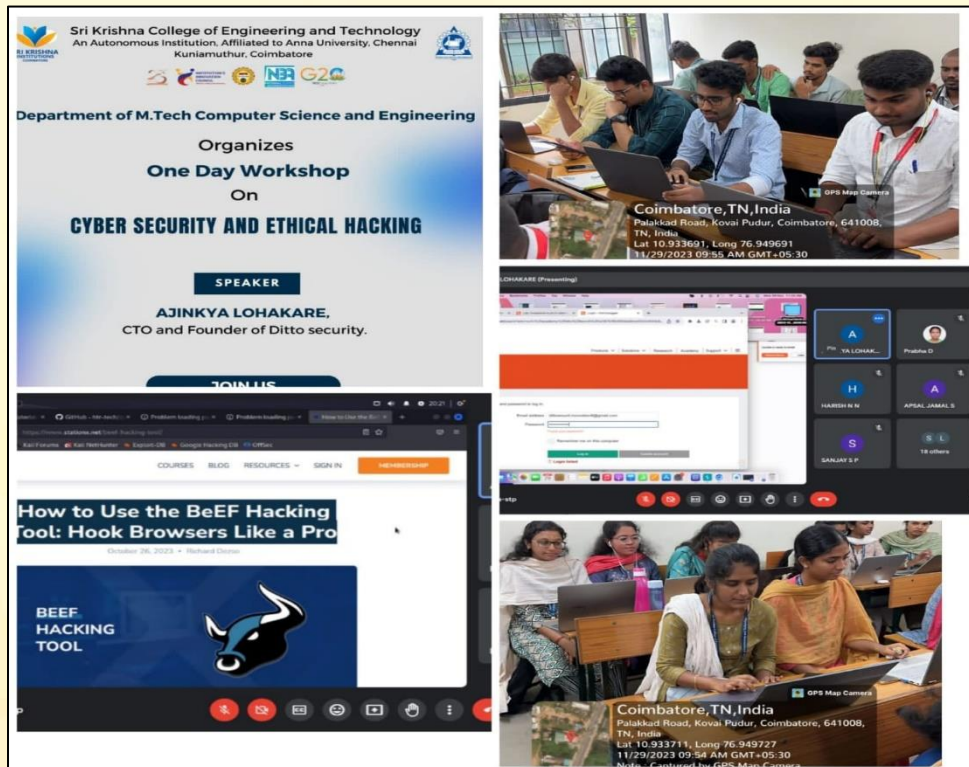
Department of **M.Tech Computer Science and Engineering** organized an online workshop on **"Cyber Security and Ethical Hacking"** for the **Pre - final** year **M.Tech CSE** students to deepen their knowledge on ethical hacking tools.

Resource Person: Ajinkya Lohakare,CTO and Founder of Ditto Security,Mumbai.

Session Highlights:
- HackMe
- Shodan Search Engine
- Zphisher
- Metasploit Nooblinux
- ShellphishGithub
- UserreconGithub
- Null By

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TUTOR WARD MEETING

M.TECH CSE | CLASS COMMITTEE MEETING
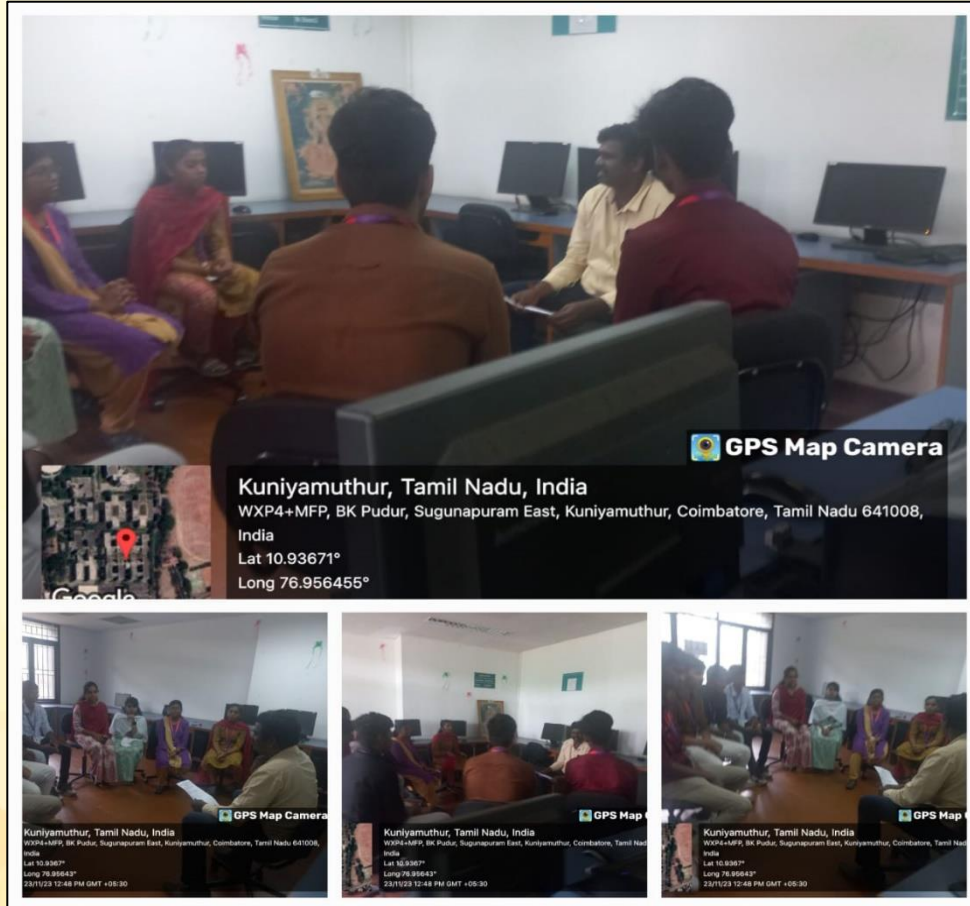
Department of **M.Tech Computer Science & Engineering** conducted **Class Committee Meeting** for the **First** year M.Tech CSE students on 23-11-2023. **Dr.K.N.Sivabalan,** Professor of Information Technology Department, chaired the meeting. The pointers of discussion were: Syllabus Coverage status, Subject Feedback, Industrial training course and importance of participating in extra-curricular activities.

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PLACEMENT AND TRAINING

TESTIMONIAL BY PLACED STUDENTS

It is an honour to refer to myself as an alumnus of Sri Krishna College of Engineering and Technology.It was a great experience studying at SKCET, a memory to cherish for lifetime. My experience at SKCET was full of learning and grooming. I am thankful to all the faculty members, mentors and entire SKCET faculty members for providing quality education. I would like to thank the entire placement department and faculty members who have tried their level best and brought many well reputed companies for the campus drive. They trained us in systematic manner so that a large number of students can be placed in well reputed companies. They have taken the initiative of giving a bright future for the students and are moving ahead in progression. Once again, my special thanks to the placement department of our college who helped me with all the tips and tricks, all the technical question answering skills and aptitude skills to crack an interview.

**KEERTANA B,
IT(2021 BATCH),
VIRTUSA**

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RESEARCH AND DEVELOPMENT

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R&D | PATENT PUBLICATION | AI&DS

Patent titled "**Artificial Intelligence based Smart Student Management System to monitor increasing Student Engagement using IoT and Machine Learning Algorithms**" by **Mr.K.Balaji**, Assistant Professor, AI&DS has been published in the IPR Journal identified with Appl.No: 202341069912 A on 24.11.2023.

R&D | ARTICLE PUBLICATION | MECH

Dr.R.Ben Ruben, Assistant Professor, **Mechanical Engineering** has published a scientific article entitled '**Analysis of barriers affecting Industry 4.0 implementation: An interpretive analysis using total interpretive structural modeling (TISM) and Fuzzy MICMAC'** in Heliyon – A Cell Press Publication. It is a SCIE, WoS and Scopus Indexed Journal with an Impact Factor 4.0.

R&D | PAPER PUBLICATION | ECE

Dr.R.Senthil Ganesh, Associate Professor, Department of **ECE,** has published SCI and Scopus indexed Journal titled "**FPGA Implementation of a Phase Optimizer-Assisted PTS Scheme for PAPR Reduction in OFDM Systems**" in the IETE Journal of Research. DoI: https://doi.org/10.1080/03772063.2023.2273293.

CAN YOU SOVE?

CAN YOU SOLVE THIS?

☐ + ☐ + ☐ = 30

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FACULTY

PROGRESSION

MECH | Ph.D VIVA - VOCE

Mr.A.Sathish Kumar, Assistant Professor, Mechanical Engineering has successfully completed his Ph.D Viva-voce on 24.11.23 under the guidance of Dr. R. Soundararajan, Associate Professor, Mechanical Engineering on the topic **"Additive Manufacturing"**. The examiners and subject experts appreciated the scholar and the supervisor for their extensive research work.

CSBS | APPRECIATION

Dr.S.Balakrishnan, Professor and Head, Department of **Computer Science and Business Systems** has received a certificate of appreciation for being a Reviewer for the First **IEEE International Conference on Integrated Intelligence and Communication Systems** (ICIICS-2023) held on 24th and 25th November, 2023 organized by Sharnbasva University, Kalaburagi.

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FACULTY CERTIFICATION

AI&DS | NPTEL CERTIFICATION

Mr.A.Wasim Raja, Assistant Professor of **AI&DS** has successfully completed **"Cyber Security and Privacy"** a course by NPTEL, Jul - Oct 2023.

MECH | FDP ON ADVANCE MATERIALS AND THEIR CHARACTERIZATION

Dr.C.Rajendran, **Dr.R.Arunbharathi** and **Mr.S.Balu Mahandiran**, faculty members of Mechanical Engineering Department have actively participated in Faculty Development Program on **"Advance Materials and their characterization'** organized by Greater Kolkata College of Engineering and Management from 6.11.23 to 10.11.23

M.Tech CSE | COURSERA CERTIFICATION

Dr.P.Kavitha Rani, Professor and Head, Department of **M.Tech CSE** and **CSD** has successfully completed a certification course titled **"Agile Project Management"** through **Coursera** platform in association with **GOOGLE** on 25.11.2023.

SOM | CONFERENCE PARTICIPATION

Mr.C.Boopathy, Assistant Professor**, SOM** has participated in an International Conference on **"Recent Advances in Health, Agriculture and Environmental Sciences"** organized by Association of Professionals in Biotechnology and Pharmaceutical Research (APBPR) on 28.10.2023.

M.TECH CSE | NPTEL CERTIIFICATION

Mr.S.Sreeraj, Assistant Professor, Department of **M.Tech Computer Science and Engineering** has successfully completed **NPTEL certification** course titled **"Ethics in Engineering Practice"** on 21.11.2023.

CSE | NPTEL - AICTE FDP

Dr.S.Oswalt Manoj, Associate Professor of **CSE** has successfully completed **"Accreditation and Outcome Based Learning"** by NPTEL-AICTE Faculty Development Programme Aug–Oct 2023.

CSE | NPTEL CERTIFICATION

Dr.S.Oswalt Manoj, Associate Professor of CSE has successfully completed **"Accreditation and Outcome Based Learning"** by NPTEL Aug–Oct 2023

M.TECH CSE | NPTEL CERTIFICATION

Mrs.Ram K Shivany, Assistant Professor, Department of **M.Tech Computer Science and Engineering** has successfully completed **NPTEL certification** course titled **"Ethics in Engineering Practice"** on 21.11.2023.

SOM | ONLINE LECTURE ON ENTREPRENEURSHIP

Mr.C.Boopathy, Assistant Professor**, SOM** has participated an online Lecturer on **Entrepreneurship** from Lab to Landscape: Advancements in Bamboo tissue culture technology organized by Institutional Biotech Hub, Bahona College, Jorhat, Assam at 21.11.2023.

M.TECH CSE | NPTEL CERTIFICATION

Mr.J.Senthil, Assistant Professor, Department of **M.Tech Computer Science and Engineering** has successfully completed a **NPTEL certification** course titled **"Programming in Java"** with **Elite level badge** on 28.11.2023.

CSBS | TECH4ALL CERTIFICATION

Dr.G.Ignisha Rajathi, Associate Professor, Department of **Computer Science and Business Systems** has received a certificate of appreciation for mentoring the women students to get certified in the course Data Analytics (MS-DA002) under the Cognizant Foundation's Tech4All, held from 10th July 2023 to 14th July 2023.

MECH | NPTEL CERTIFICATION

Dr.R.Arunbharathi, Assistant Professor, **Mechanical Engineering** has successfully completed NPTEL course on **'Advanced Machining Process'** with Silver Grade. He was also one among the top 5% scorer.

ECE | NPTEL CERTIIFICATION

Mr.C.Visvesvaran, Ms.D.V.Soundari, Ms.B.Anish Fathima, faculty members, Department of **ECE** have successfully completed "**Stress Management**" course offered through NPTEL. **Dr.V.R.Balaji,** Professor , **ECE** completed the course with Elite Gold Certification.

IT | INFOSYS SPRINGBOARD CERTIFICATION

Mr.S.Shiva Shankar, Assistant Professor, **IT** Department has successfully completed courses on **"Computer Storage & Memory"** and **"Software Testing Techniques"** certified by Infosys Springboard.