SKCET Buzz

18th - 24th June 2022

VANKATRAM LEARNING CENTRE

Editor-in-Chief
Dr.J.Janet
Principal

Co-Editor
Dr.S.Venkata Lakshmi – AI & DS

Editorial Team
Mrs.K.Ananthi- MCT,
Ms.N.Pooranam - CSE,
Mrs.S.Mary Fabiola - S&H

INSIDE THE ISSUE

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SKCET| NAAN MUDHALVAN INSTITUTIONS MEETING

EXPERIENTIAL SHARING - SUCCESS STORY OF SKCET

Naan Mudhalvan Institutions Meeting was organized on 18.06.2022 at the Secretariat Office, Fort St.George, Chennai. Our Principal Madam **Dr. J. Janet** was one of the special invitee. The best practices and placement statistics of **SKCET** was projected. Madam in her address to the academicians briefed the importance of fostering participative hack environment, the strategies implemented and training in-place to enhance the skill sets of the students to make them industry ready. This has yielded amazing placement opportunities for the students.

SKCET| INDIA STEM AWARD 2022

National Level Award at India STEM Summit

SKCET has been bestowed with the **INDIA STEM AWARD 2022**,the most prestigious award for honoring excellence by **All India Council for Robotics & Automation (AICRA)** during the **4th Edition of India STEM Summit '22,** on 22nd June at Indira Gandhi Stadium complex, New Delhi.

Our respected Principal **Dr.J.Janet** received this exemplary award from **Prof.Anil Sahasrabudhe**, Chairman, AICTE in the presence **Mr.Rajkumar Sharma**, AICRA President.

More than 200 leading Edutech organizations, State and Central Government Education Departments, Universities, Colleges, Schools, Career Consultants, Sports and Gadget Companies attended this summit cum exhibition.

SKCET| INDIA STEM AWARD 2022

SKCET Buzz

HACKATHON

CSE|M.TECH CSE| TAIWAN PRESIDENTIAL HACKATHON

Students teams **CARDINALITY** and **B.E.N.Z** from **CSE** and **M.TECH CSE** Department have pitched their project idea to the "**President officers of Taiwan**" and to the "**Digital Minister of Taiwan Audrey Tang**".

Team 1: Cardinality

Prithika Andrea Angelina.F- I CSE

Monisha.K - I CSE

Priyadarshini.U - I CSE

Madhumitha.R- I CSE

Samuel Wycliffue- III CSE

Mentor:

Ms.A.Priya AP/CSE

Team 2: B.E.N.Z

Anwisha Zaman-II CSE

Samyukta K - I CSE

Sanjay R- I CSE

KavinKishore L- I M.Tech CSE

Surya B - I MTech CSE

Mentor:

Ms.M.Rohini, AP/CSE

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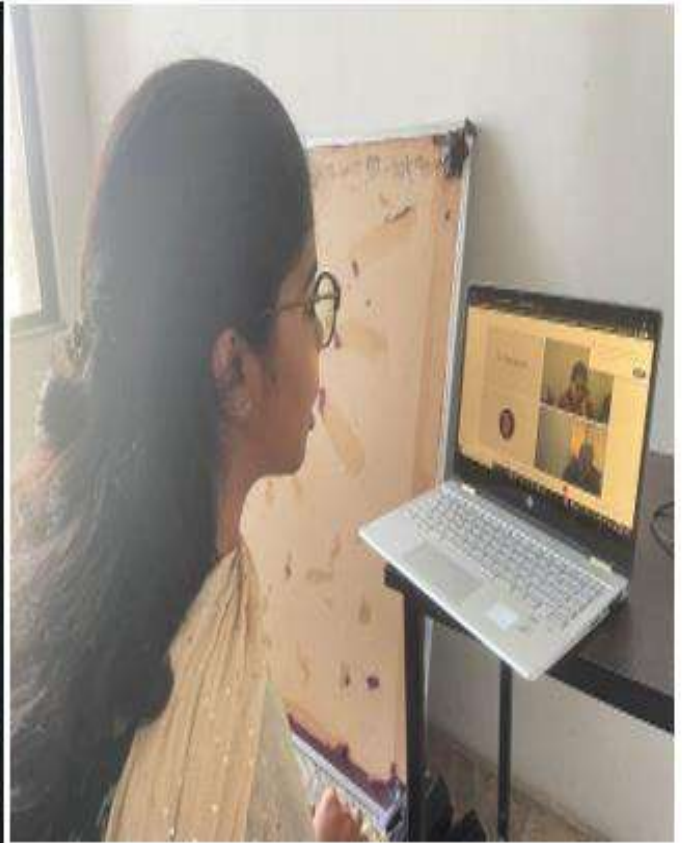# STUDENT PROGRESSION

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CSE| INTERNSHIP @ AICTE HQ-MIC INNOVATION CELL

H.Aswathy, student of **Second** year **CSE** has been provisionally selected for **Internship at AICTEHQ**, MIC Innovation Cell, New Delhi for a period of two months from 13.06.2022.

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STUDENT CERTIFICATIONS

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CSE |TCS CODEVITA

Mageshkrishna R, student of **Second** year **CSE** has exceptionally showcased his coding skills and has secured a global rank of 2787 in **TCS Codevita Season 10.**

CSE |CODE DUMP

Swethaharini.S, student of **Second** year **CSE** has secured **First** prize in the event "**Code Dump"** in the National level Symposium **SENSONICS**-2K22 organized by Kongu Engineering College on 10.05.2022.

M.TECH CSE |COURSERA CERTIFICATION
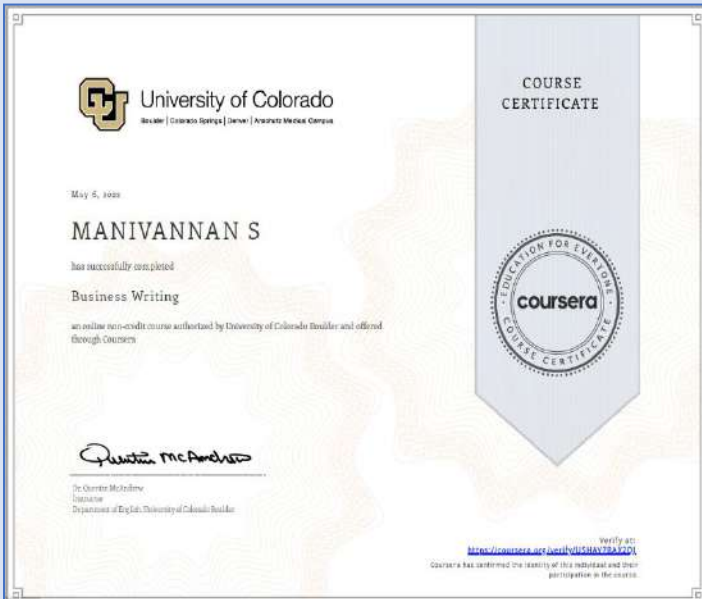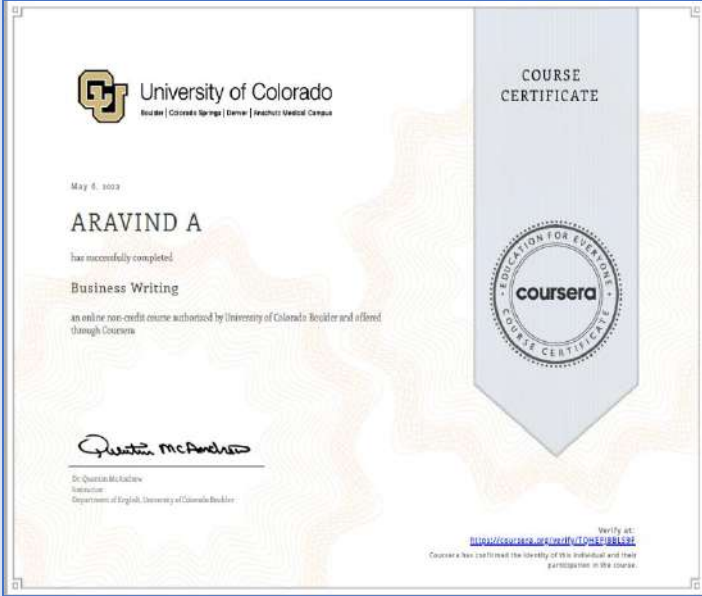
M.TECH CSE |COURSERA CERTIFICATION

Following Second year **M.Tech. Computer Science and Engineering** students have successfully completed a course entitled "Business Writing" offered through Coursera.

S.No.	Register Number	Student Name
1.	20EPCI005	ARAVIND A
2.	20EPCI013	DILIPKUMAR J
3.	20EPCI016	HARISH SIDDARTH N
4.	20EPCI024	MANIVANNAN S
5.	20EPCI029	PRADEEP M
6.	20EPCI030	PRANAV J
7.	20EPCI039	SURAAJ D S
8.	20EPCI040	VASANTHAKUMAR M
9.	20EPCI043	VIGNESHKANNAN A
10.	20EPCI046	VIMAL R
11.	20EPCI047	VISHAN P G
12.	20EPCI048	VISHNU L
13.	20EPCI049	VISWAKNITHIN P K
14.	20EPCI050	WILLIAM BABU

coursera

CSBS|MOOC CERTIFICATION

udemy

CERTIFICATE OF COMPLETION

Introduction to International Relations

Instructors Kamil Zwolski, PhD

KARTHIK SIVANESAN M

Date May 15, 2022
Length 4.5 total hours
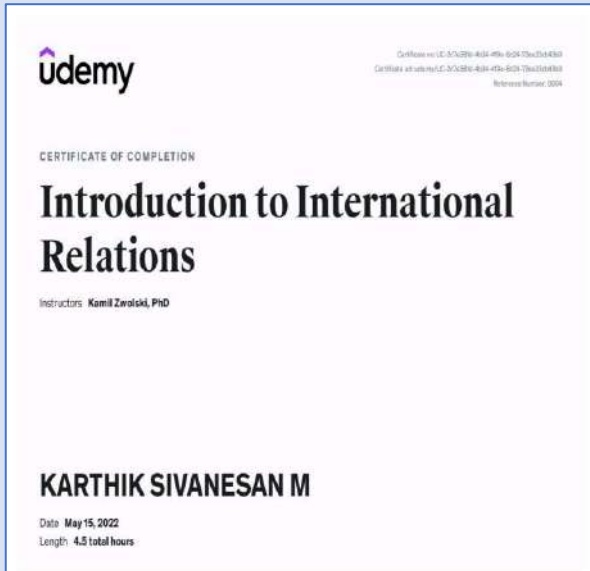
Karthik Sivanesan M, student of **Second** year **CSBS** has successfully completed an Online Course titled "**Introduction to International Relations**" offered through **UDEMY**.

HEALTHOGRAM

12 WAYS TO KEEP YOUR BRAIN HEALTHY

Stimulation
Challenge your brain with puzzles, games and new inputs

Exercise
Consistent physical exercise will heal the brain and keeps it fit

Proper diet
Eat foods with protein, unsaturated fat, fruits and vegetables

Safety
Avoid head trauma by wearing helmets and seat belts

Sleep habits
Brains need around 7-8 hours of sleep to process & recharge

Learning
Keep your brain young by learning new things like a language

Switch routines
Change habits, it will surprise your brain & turns off auto-pilot

Be social
Interacting will trigger brain processes and lowers depression

Manage stress
Try relaxation, as stress exhausts your brain and hormones

Read books
Words and stories reduce the risk of cognitive decline

Avoid substances
Alcohol, drugs and smoking is bad for your brain health

Digital detox
Too much screen time impacts sleep and will overwhelm the brain

SKCET Buzz

EVENTS

# MCT|WEBINAR ON ROLE OF CREATIVITY IN THE MANAGEMENT OF INNOVATION
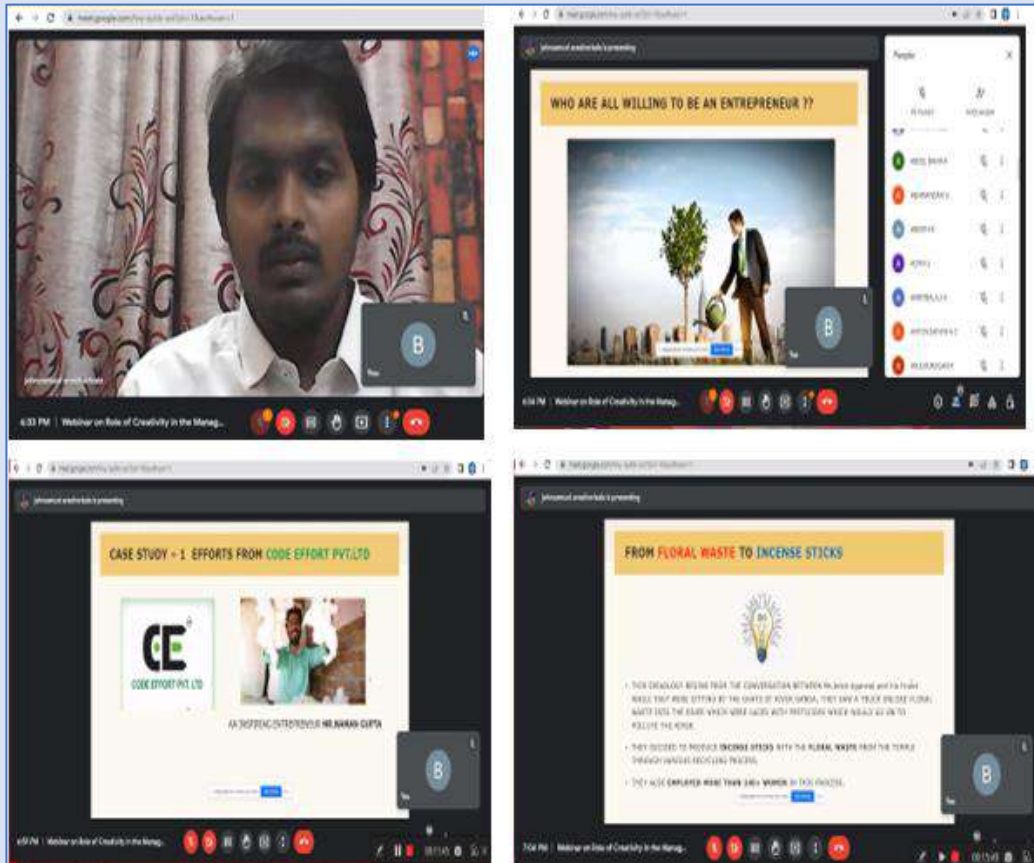
Department of **Mechatronics Engineering** organized a webinar on **"Role of Creativity in the Management of Innovation"** on 16.06.2022. **Mr.P.John Samuel,** Director, Sales and Sourcing, Arasi Herbal Products, Madurai was the Resource Person. MCT Students and faculty members attended the webinar.

Session Highlights:
- Innovation
- Entrepreneur
- Innovative thinking
- Challenges faced by the Entrepreneur
- Management Process
- Case studies of Real Entrepreneur
- Product conversions

MCT|WEBINAR ON INNOVATION/PROTOTYPE VALIDATION–CONVERTING INNOVATION INTO STARTUP
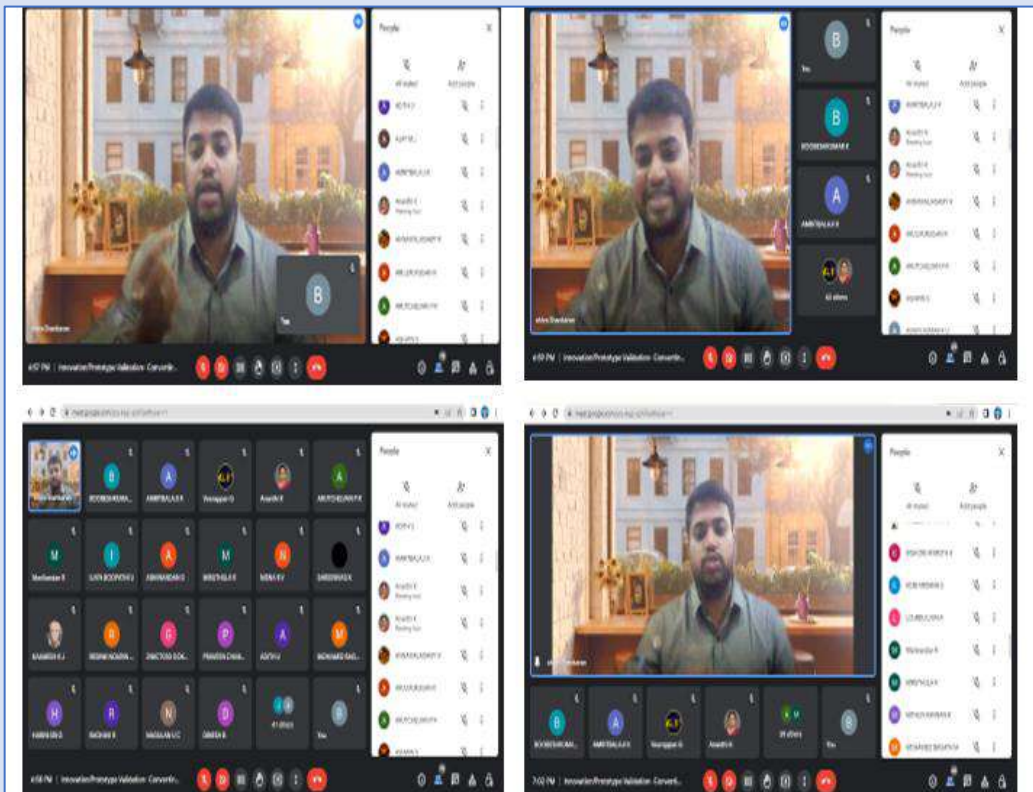
Department of **Mechatronics Engineering** organized a webinar on **"Innovation/Prototype Validation–Converting Innovation into Startup"** on 17.06.2022. **Mr.R.Sivashakaran**, Director of Business Development, KR Power Supports Pvt Ltd, Coimbatore was the Resource Person. MCT Students and faculty members attended the webinar.

Session Highlights:
- Innovation into Startup
- Entrepreneurship
- Innovative thinking
- Time management
- Real stories of Entrepreneur
- Team work and Communication

M.Tech. CSE | VIRTUSA EXPERT INTERACTION

Virtusa expert interactive session with **First** year **M.Tech. CSE** students was held on 22.06.2022. **Dr.P.Kavitha Rani**, Professor & Head, **M.Tech. CSE** welcomed **Mr.S.Rajkumar**, Associate Director, Virtusa, Chennai. He gave a brief insight on Virtusa, internal hackathon, Industry-oriented use cases for student mini projects, essential skills required for students to be industry ready, internship offers and current technology stacks. The session was interactive and the students actively participated.

IT|BOARD OF STUDIES MEETING

Department of **Information Technology** conducted the Board of Studies meeting on 22.06.2022. The meeting was convened by **Dr. N. Susila**, HoD, IT. Approval of sixth-semester syllabi, Professional Elective – Networking and Communications stream of Regulation 2020 B.Tech IT, ratification of the syllabus for 2021-2025 batch, and Regulation 2022. **Dr.J.Rajasekar**, **Dr.N.Jaisankar**, **Dr.M.Sangeetha** were the external experts who pooled in their vast expertise, gave their valuable suggestions, and approved the courses.

CSE | BOARD OF STUDIES MEETING

15th Board of Studies Meeting was organized by the Department of **CSE** on 22.06.2022 to discuss the syllabi of Core Courses, Open Electives and Professional Electives of R2020, Curriculum and Syllabi of R2022 B.E CSE, B.E Computer Science and Design, B.E CSE (Cyber Security). **Dr.K.Sasi Kala Rani,** Professor and Head, **CSE** convened the meeting. **Dr.J.RajaSekar**, Professor& Head, CSE, MepcoSchlenk Engineering College, Sivakasi, **Dr.R.S.Lovelyn Rose**, Associate Professor, CSE, PSG College of Technology, Coimbatore, **Dr.G.Suganya**, Associate Professor, CSE, Vellore Institute of Technology, Chennai, **Dr.AdityaPothanPonraj**, Manager, CTS, Chennai, **Mr.V.Maheshwaran**, Senior Engineer, Equinix, Bangalore were the members of the meeting. The BoS Members approved the curriculum and syllabi and shared their valuable suggestions. The faculty members of CSE Department were also present during the meeting.

M.TECH. CSE | BOARD OF STUDIES MEETING

Department of **M.Tech. Computer Science and Engineering** conducted its **6th Board of Studies Meeting** on 22.06.2022 **Dr.P.Kavitha Rani**, Professor and Head, **M.Tech. CSE** convened the meeting and discussed the syllabi of Core Courses and Professional Elective Courses of Regulation 2018 and Regulation 2020. **Dr.J.RajaSekar**, Professor & Head/CSE, MepcoSchlenk Engineering College, Sivakasi, **Dr.N.Radhika**, Professor, School of Computing, Amrita Vishwa Vidyapeetham, Coimbatore, **Dr.P.M.Durai Raj Vincent**, Associate Professor Grade 2, School of Information Technology and Engineering, Vellore Institute of Technology, Vellore, **Mr.S.Rajkumar**, Associate Director, Virtusa, Chennai, **Ms.R.Abayavidya**, Function Head and Group Manager, Infosys Limited, Bangalore were the external experts and they approved the syllabi with their valuable inputs. The faculty members of the department were also present during the meeting.

AI&DS | BOARD OF STUDIES MEETING
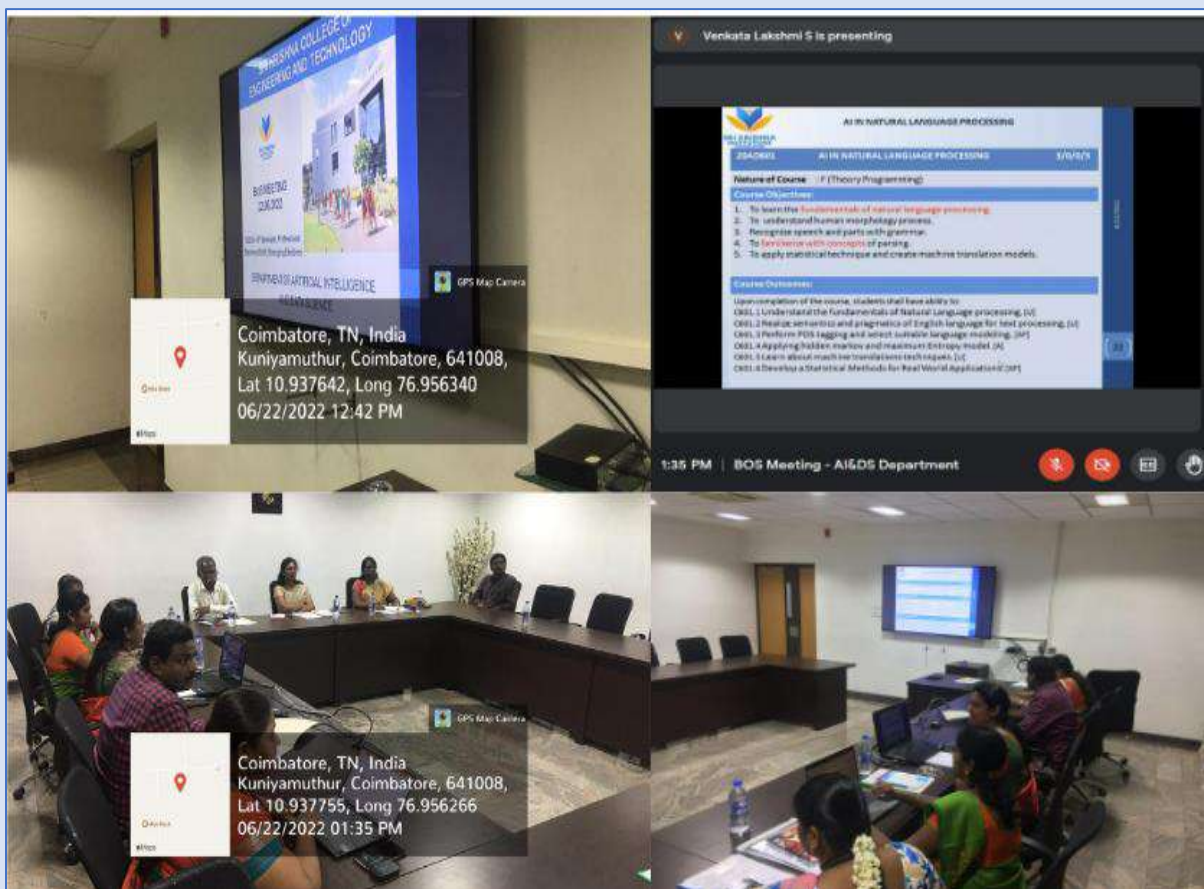
Department of **Artificial Intelligence and Data Science** conducted its **4th Board of studies (BOS) Meeting** on 22.06.2022 to pass syllabi for 6th semester, Emerging Electives, Professional Elective for Regulation 2020, Curriculum and syllabi of R2022. The meeting was conveyed by **Dr.S.Venkata Lakshmi,** Professor & Head**, AI&DS** along with University member **Dr. Raja Sekar**, Professor and Head, CSE, Mepco Schlenk Engineering College, Sivakasi, Academic Experts **Dr.M.Premalatha,** Associate Professor, CSE, VIT, Chennai, **Dr.Annie Uthra,** Professor & Head, Computational Intelligence, SRM Institute of Science and Technology, Chennai, Industry Expert **Mr.Suri,** Assistant Vice President, Payoda, Chennai shared their suggestions. The faculty members of the Department were also present during the meeting.

S&H – INTERNATIONAL YOGA DAY CELEBRATION
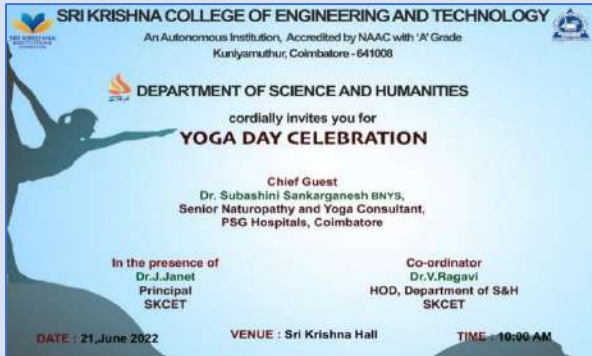
Department of **Science and Humanities** organized an **International Yoga Day Celebration** on 21.06.2022 at Sri Krishna Hall, which is pioneered by Honorable Prime Minister, Sri Narendra Modiji. The purpose of this program is to discover the sense of oneness with ourselves, the world and the nature. Our beloved Principal Madam **Dr.J.Janet** presided over celebration. She reckoned the benefits of early rising and practicing yoga. **Dr. Ragavi V,** Professor and Head, Department of **Science and Humanities** welcomed the gathering. The session started with warming up and stretching were followed by a series of Padmasanas, Sukhasan, Tadasana, Bhujang Asana and ended with Shavasana. Exercises for relieving stress, reducing joint pain and enhancing the flexibility of the back were also done for the benefit of the faculty members.

S&H – WEBINAR ON UNFOLDING THE MYSTERY OF YOGA
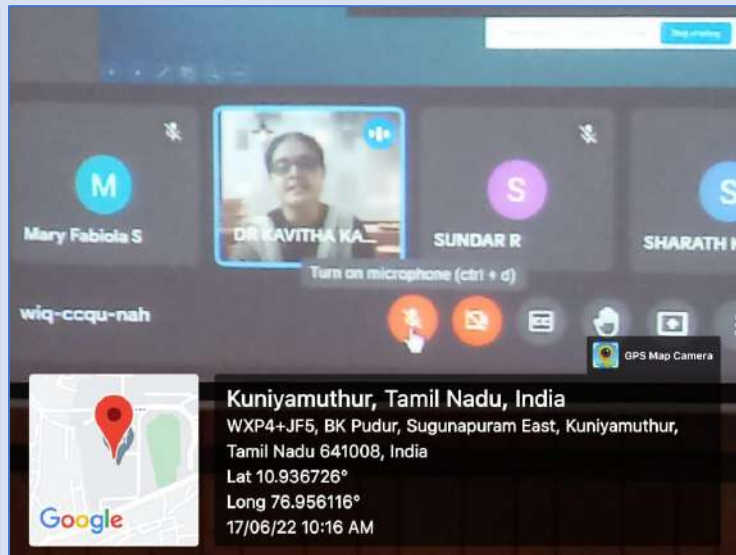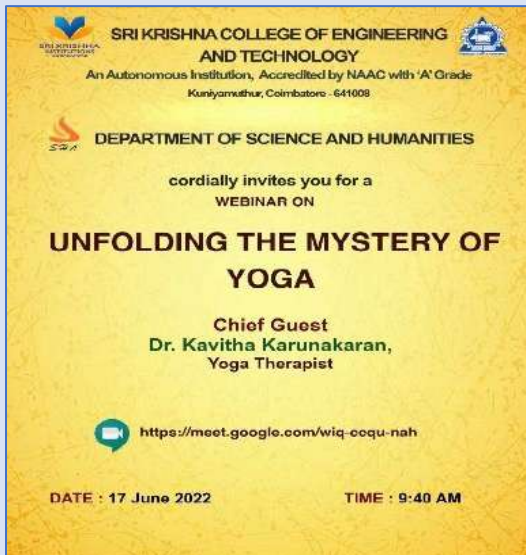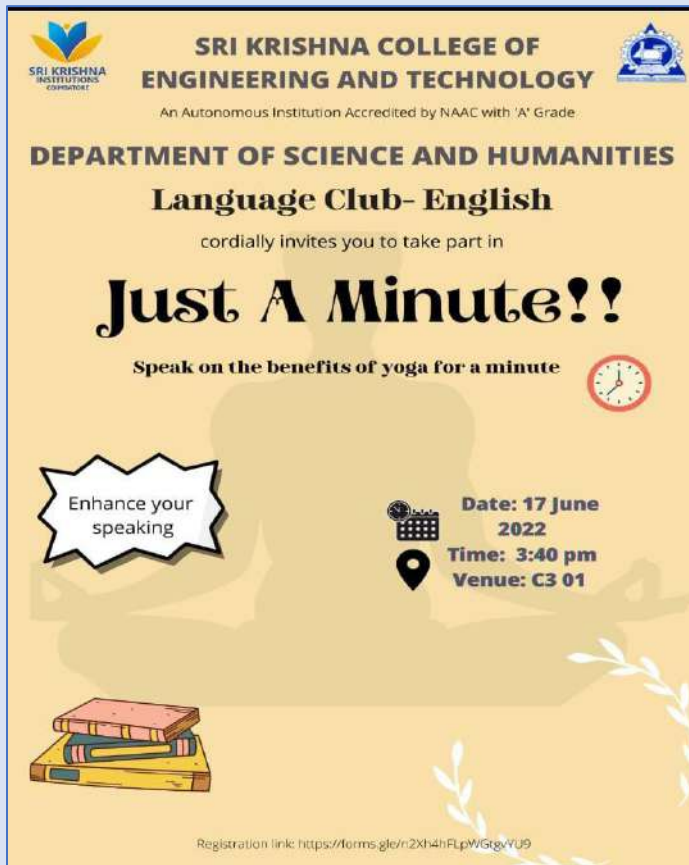
Department of **Science and Humanities** organized a **Webinar** on **"Unfolding the Mystery of Yoga"** for the **First** year BE/B.Tech students on 17.06.2022. The session highlights were: yoga is simple which everyone can do to improve their mental and physical health, how lungs can be used to bring in positive energy into the body.

S&H – EXTENDED HOUR ACTIVITY
CREATIVE CLUB

Creative Club of **SHA** conducted **Mime** for the **First** year BE/B.Tech students on Father's Day theme. This encouraged students to approach the communication of narrative, characterization and thought process physically, and to gain greater awareness of importance as a form of communication.

S&H – EXTENDED HOUR ACTIVITY
LANGUAGE CLUB – ENGLISH

English Club of SHA conducted **Just a Minute** for the **First** year BE/ B.Tech students to develop their confidence by challenging them to speak in a light-hearted setting. Students participated enthusiastically and expressed their thoughts and ideas on yoga in commemoration of International Yoga Day.

S&H – EXTENDED HOUR ACTIVITY
FITNESS CLUB
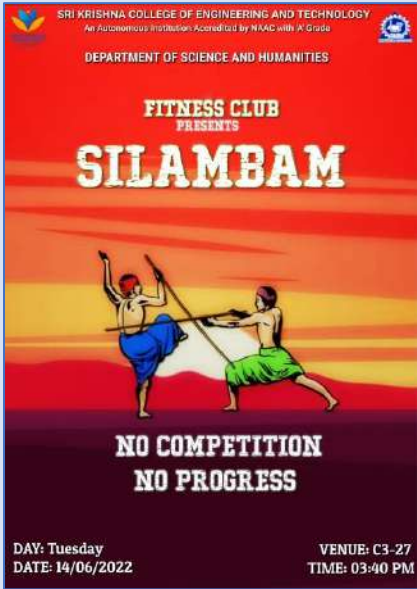
Fitness Club of **SHA** conducted **Silambam** competition for the **First** year BE/B.Tech students to practise, improve and succeed at a skill that improves self-image and gain confidence in other ventures too.

S&H – EXTENDED HOUR ACTIVITY
INNOVATIVE CLUB
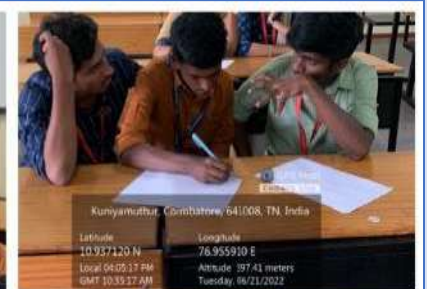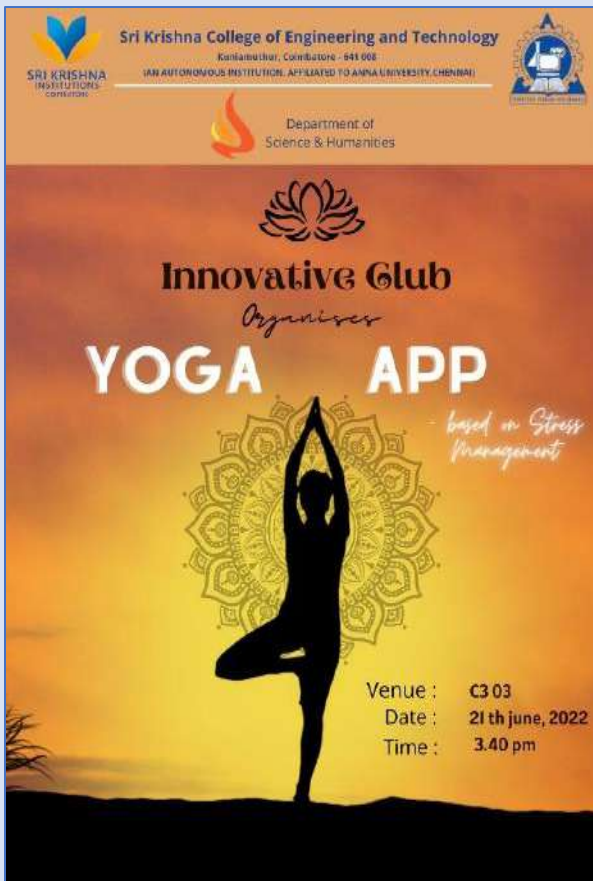
Innovative Club of **SHA** conducted **Yoga App Development for Stress Management** for the **First** year BE/B.Tech students on 21st June, 2022. The session provided an opportunity for the students to offer potential solutions for managing stress using technology in daily life.

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TRAINING AND PLACEMENT

PLACEMENT|TESTIMONIAL BY PLACED STUDENTS

Verticurl

SANKARSHNAN S, ECE (2021 BATCH)

VERTICURL

SKCET has always believed in helping and guiding its students and it was no different during the placement season. Regular classes held at our college to help us with our aptitude and technical skills were of great help. The mentors at SKCET helped in enhancing my academic and interpersonal skills. Our placement team also guided and encouraged us at each step thereby helping me secure my placement at such a reputed company. The years spent here have been full of learning opportunities that were full of fun and frolic and sometimes with academic grind that one has to go through. Thanks to my parents, SKCET Management, Principal and the entire SKCET family for the wonderful opportunity.

PLACEMENT|TESTIMONIAL BY PLACED STUDENTS

KARTHIGA V, CSE(2021 BATCH),
UGAM SOLUTIONS

SKCET, It's a place where I have learnt the meaning of true happiness. I would like to thank everyone who gave me enough knowledge. It is not only related to education, I was able to learn the life tips which is beyond education. It has been 4 years and I got so many memories to cherish. Every faculty has motivated me in forming the beautiful carrier. Finally I would like to express my heartfelt wishes to all the faculty members in the college who are responsible for many great personalities. I am very grateful to the placement team for providing us the best of placement opportunities.

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RESEARCH AND DEVELOPMENT

R& D | PATENT PUBLICATION|SKCET
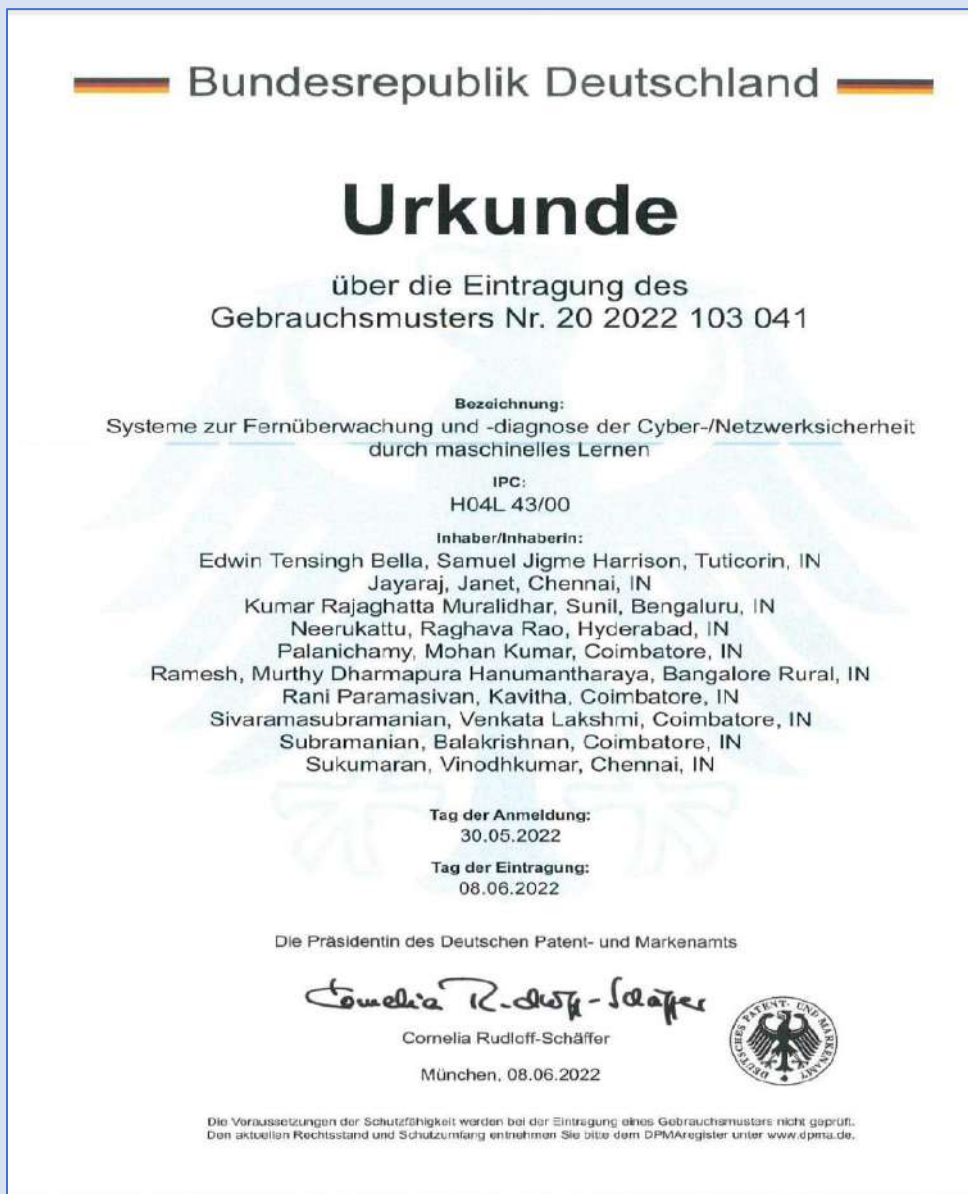
German Utility Patent titled "**Systems for remote monitoring and diagnostics of cyber/network security through Machine Learning**" filed by our Principal Madam **Dr. J. Janet** along with **Dr.S.Balakrishnan**, HoD, CSBS, **Dr.P.Kavitha Rani**, HoD, M.Tech CSE, **Dr.S.Venkata Lakshmi**, HoD, AI&DS and **Dr.P.Mohankumar**, Professor, CSE has been published and granted.

R& D | PAPER PUBLICATION|MCT

Dr.G.Veerappan, Associate Professor, **Mechatronics Engineering** has published a paper entitled "**Microstructure, mechanical and wear properties of boron carbide reinforced nickel alloy composites processed by bottom pouring type stir casting process"**in Surface Technology: Metrology and Properties.

R& D | PAPER PUBLICATION| CSBS

Dr. G. Ignisha Rajathi, Associate Professor, Department of **Computer Science and Business Systems** has published a Scientific Research Article titled "**Brain Tumor Diagnosis Using Sparrow Search Algorithm Based Deep Learning Model**" in the Journal Computer Systems Science and Engineering with the Impact factor 1.486. It is a SCIE and Scopus Indexed Journal.

DOI:10.32604/csse.2023.024674

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FACULTY CERTIFICATIONS

MCT| FDP ON MICROSOFT AZURE AI FUNDAMENTALS

Mrs.M.Bhuvaneswari and**Mr.T.Vignesh,** Assistant Professors, **MCT** have participated in the online Faculty Development Program on **"Microsoft Azure AI Fundamentals"** conducted by ICT Academy from 13.06.2022 to 18.06.2022.

CSE| FDP ON RECENT TRENDS ON HEALTHCARE APPLICATIONS USING ML

Mr. M.Vengateshwaran, Assistant Professor, **CSE** has participated in the Six Days **Faculty Development Program** on **"Recent Trends on Healthcare Applications Using Machine Learning"** organized by Kings Engineering College, Chennai from 13.06.2022 to 18.06.2022.

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FACULTY PROGRESSION
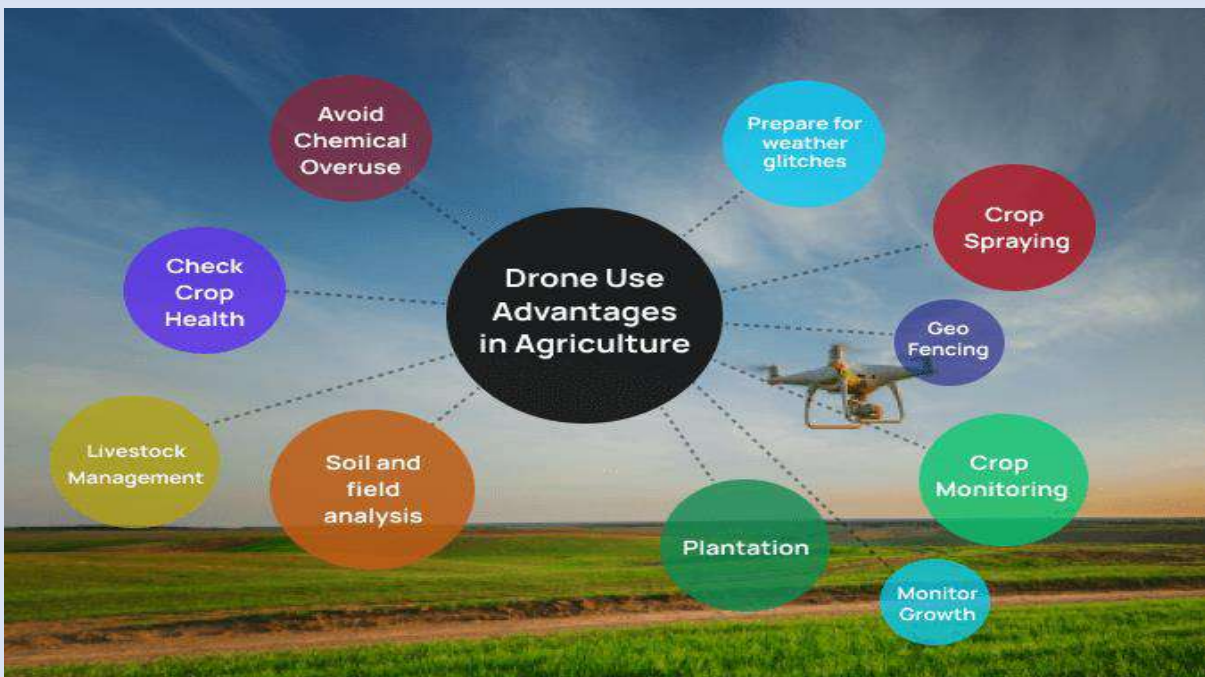
S&H | ADVISORY BOARD MEETING

Dr.Suraj Begum R, Professor, **S&H** has been invited for the Departmental Advisory Board Meeting for the academic deliberations at Kumaraguru College of Technology, Coimbatore on 22.06. 2022.

INFOGRAPHICS | DRONES IN AGRICULTURE

CONFERENCE PRESENTATION

EEE | CONFERENCE PRESENTATION

Ms.G.Mahalakshmi, Assistant Professor, **EEE** Department has presented a Research paper entitled **"Design of Iterative Learning Controller for Switched Reluctance Motor with Least Torque Ripple"** in the International Conference on Advanced Computing & Communication Systems-ICACCS 2022 at Sri Eshwar College of Engineering, Coimbatore.

EEE | CONFERENCE PRESENTATION

Ms.G.Mahalakshmi, Assistant Professor**,** **EEE** has presented Research paper entitled **"Performance analysis of DC-DC converters for Solar PV fed Switched Reluctance motor for EV Applications"** in the First International Conference on Environmental Science and Engineering for a Sustainable Development-ESESD 2022 organized by the University of Technology and Applied Sciences, Sohar.

MCT | CONFERENCE PRESENTATION

Mrs.M.Bhuvaneswari, Assistant Professor of **MCT,** along with **Tazmel Ahamed, N Tharun sriram , K Tansin** and **S Venu prasad** students of **Final** year **MCT** has successfully presenteed the paper entitled "**Interent of things based Intelligent waste segreration and management system for smart home application"** in the 7th International conference on Communication and Electronics systems **(ICCES -2022)** organized by PPG Institute of Technology Coimbatore.

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SKCET IN MEDIA

SKCET IN MEDIA

SKCET IN MEDIA