



**MAGAZINE OF**

# **Mechatronics**

**ENGINEERING DEPARTMENT**



“EDUCATION IS NOT THE LEARNING OF FACTS, BUT THE TRAINING  
OF THE MIND TO THINK.”  
— ALBERT EINSTEIN

It gives me immense pleasure to pen down the editorial column for this issue of ECHO. We are witnessing a tremendous development in the field of Mechatronics Engineering fuelled by the AI revolution. In this scenario, it is exciting to note that Andrew NG, an AI Minimalist and machine-learning pioneer has stated, 'IN AI, SMALL IS THE NEW BIG'. According to him, in many industries where giant data sets don't exist, a valuable system like a defect-inspection system could be built using 50 really good images. He says, 'the focus has to shift from BIG data to GOOD data. Having 50 thoughtfully engineered examples can be sufficient to explain to the neural network what you want it to learn.' Well, that's indeed a great boon to the several mechanical processing and automation industries where huge datasets are unavailable. Gear up for yet another revolutionary turn where we begin to use data-centric AI with the ability to engineer a subset of the data for best results with a wider paradigm of application.

It's a joy to bring to you the latest updates of the Department, technical news and a glimpses of our faculty and students' achievements and artistic skills through yet another edition of ECHO. I place on records my sincere appreciations to the faculty and student coordinators of ECHO. Happy reading!

**Dr. M. Lydia**  
Professor & Head



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Mr. S. Madhankumar, Assistant Professor

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K. V. Deepak  
S. Sooraj

**2021-25 Batch**

S. Mohit

# SYNOPSIS

- ✿ **DEPARTMENT LEVEL EVENTS**
- ✿ **RESEARCH AND DEVELOPMENT**
- ✿ **EXPLORE THE TECH**
- ✿ **SPIRIT LIFE UNLEASHED**
- ✿ **A STORY WITHOUT LETTERS - ART**
- ✿ **THOUGHT MANIACS**
- ✿ **THINK! DO! TREAT!**
- ✿ **ACHIEVEMENTS**

**"There's always room for a story that can transport people to another place."**

**- J.K. Rowling**



## IEEE - ROBOTICS AND AUTOMATION SOCIETY- STUDENTS CHAPTER INAUGURATION



The inauguration ceremony of **IEEE - Robotics and Automation Society**, Students Chapter was organized on 09.04.2022. Dr. M. Lydia, HoD delivered the welcome Address. **Dr. SanthaKumar Mohan**, Associate Professor, **IIT Palakad** was the Chief Guest who inaugurated the Students Chapter. In his inaugural address he shared his insights on the Application of service robots, Mechanics Activations, Sensing, Perception and Navigation, Motion control and execution, Collaborative Robots and Field Service Robots.



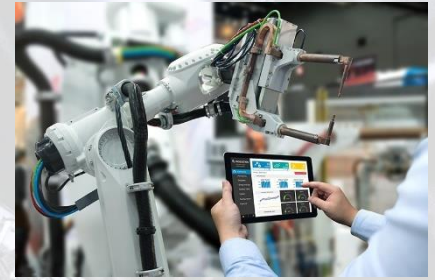
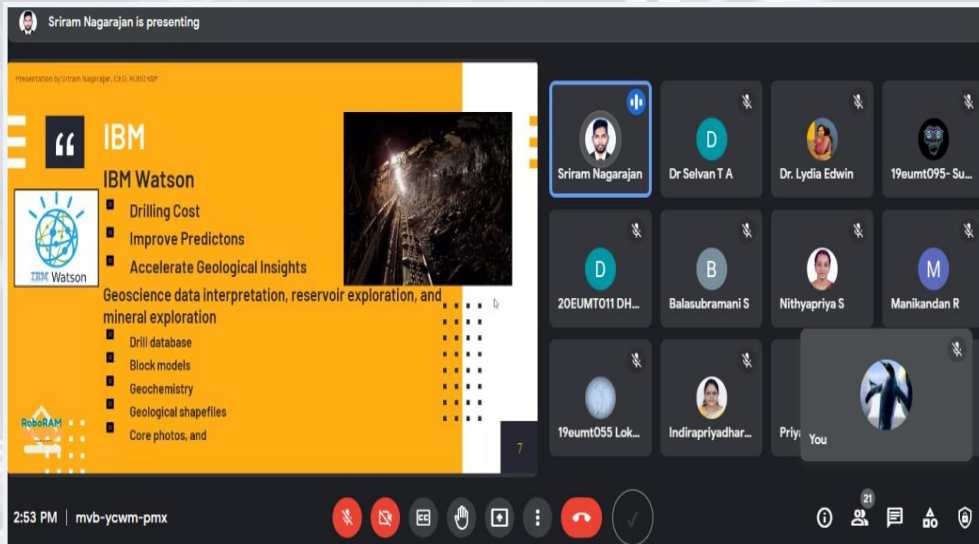
On this occasion, Prizes for the **Idea Presentation Contest** held on National Science Day and **Photography and Drawing Contest** held on World Sparrow Day were also distributed.







## WEBINAR ON IMPACT OF AUTOMATION ON VARIOUS INDUSTRIES



Webinar on "**Impact of Automation on various Industries**" was organized by the Department in association with **The Robotic Society** (TRS) on 22.02.2022. Mr.Sriram Nagarajan, Co-founder and CEO of Roboram was the resource person. Session Highlights: Role of Automation, Industrial robotics, IOT in industry, AI Adoption in Industry, and Rethink Cobot.

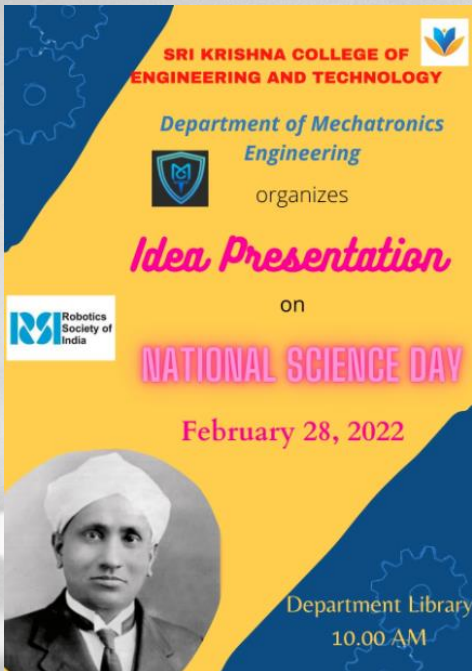
## TECHNICAL SESSION ON IOT BASED SMART FACTORY & INDUSTRIAL ROBOTIC CELL



In association with **The Robotics Society** organized a Technical Session on the topic "**IIoT Based Smart Factory & Industrial Robotic Cell**" on 10.03.2022. Mr. Tejas Dunekhe, Hytech Automation and Mr. B. Ilangovan, Nihass Technologies were the Resource People. The session focused on increasing flexibility of the system, integrate intelligent sensors for control, diagnostics, self-learning tasks and eliminating the need for additional components.

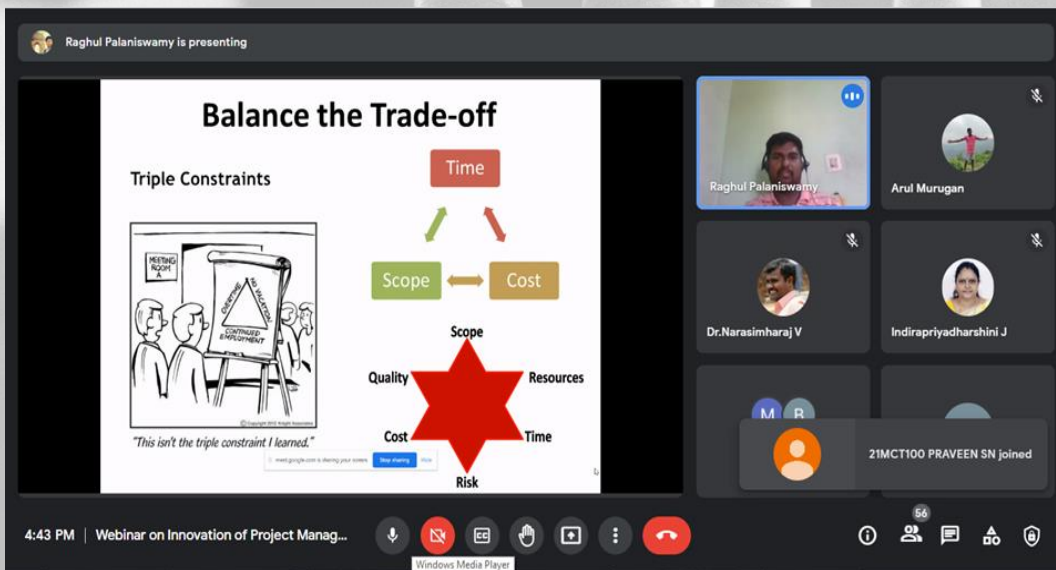


## IDEA PRESENTATION CONTEST



In association with **The Robotics Society of India** the department has organized an event entitled "**Idea Presentation**" to commemorate the **National Science Day** on 28.02.2022. Students presented their valuable ideas to integrate technology with daily life which would be a great benefit to the society.

## INNOVATION OF PROJECT MANAGEMENT



Department has organized a webinar on "**Innovation of Project Management**" on 17.02.2022. IIC students and faculty members have been attended the webinar. Mr. Raghul Palaniswamy, Project Management Lead, Emerson Automation Solutions, Chennai was the Resource Person of the event.

The pointers of discussions were: Agile methods, built-in project performance assessment system, Flexible tools and approaches, Optimization of resources and Project Management.



## PROJECT EXPO



Association with **The Robotics Society** of India and **IEEE Robotics and Automation Society** the department has organized an **In house Project Expo 2022** on 06.05.2022. Mr. R. Sivashakaran, Director of Business Development, KR Power Supports Pvt Ltd., Coimbatore was the Chief Guest. **35 teams** enthusiastically presented their Projects in this Expo. The Chief Guest appreciated the innovative ideas and efforts taken by the students for designing and developing the working models of the projects.

## ACADEMIC REVIEW MEETING



**Academic Review Meeting** was conducted for II and III year students on 22<sup>nd</sup> May 2022. Parents actively involved and appreciated the efforts taken by SKCET and assured their extended support towards learning and participation. End semester Preparations, Placement activities and Tests, Performance analysis of CIA exams, attendance of the students and parents' feedback were the agenda of the meeting. Academic Toppers were appreciated by our beloved Principal madam and Dr.M.Lydia, HOD.



## SEMINAR ON CAREER OPTIONS

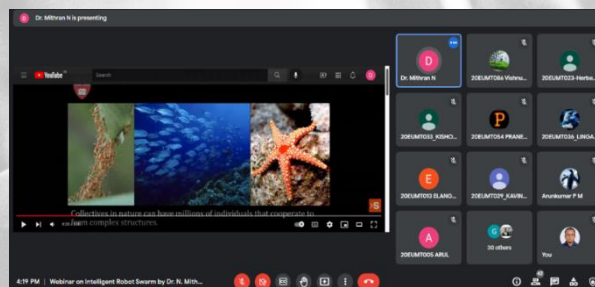
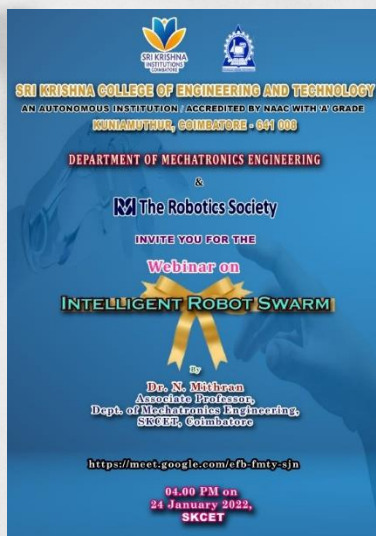


Department with **T.I.M.E** a reputed institute organised a Seminar on "**Career Options after Under Graduation**" by, Coimbatore on 21.03.2022.

The session focussed on

- (i) Job opportunity in public and private sectors
- (ii) Preparation for entrance exams like GATE, CAT, CMAT, GRE and TOEFL
- (iii) Higher studies (MBA and MSc) opportunity in various universities.

## WEBINAR ON INTELLIGENT ROBOT SWARM



Association with **The Robotics Society** organized a webinar on the topic "**Intelligent Robot Swarm**" on 24.01.2022. Dr.N.Mithran, Assistant Professor was the Resource Person. The importance of swarm algorithm in efficient movement of robots, Fault tolerances De centralized approach Flexibility system and Robustness were the session highlights.

## SEMINAR ON BASICS OF DEEP LEARNING



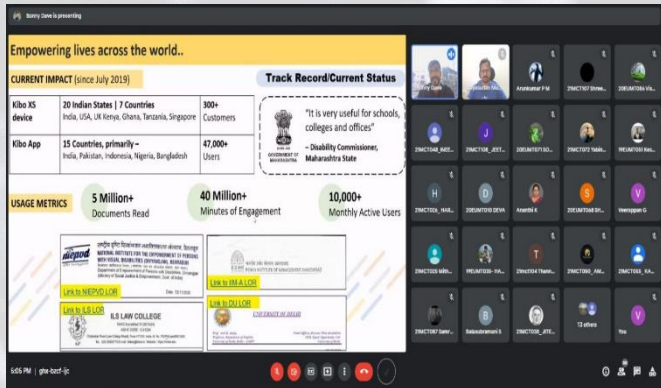
A seminar on "**Basics of deep learning**" was organized on 02.05.2022 for the students of MCT. Mr. Jayasudan Munusamy, CEO & Founder Deep Vision tech AI and Mr. Arul Praveen, CO - Founder Deep Vision tech AI were the Resource People.

### Session Highlights:

- Deep learning
- Working of Deep Learning
- Feature extraction
- Image classification
- Necessity of Pre processing
- Data augmentation



## INDUSTRY EXPERT TALK



Industrial Expert Talk was organized on 27.01.2022 by the Department on the topic **“My journey from College to Social Entrepreneurship”**. Mr. Bonny Dave, Co-founder of Trestle Labs was the Resource Person. Importance of AI and how it is used to build Assistive Technology Solution for blind & visually impaired people at Trestle Labs were the session highlights.

## MECHATRONICS ENGINEERING ASSOCIATION VALEDICTORY



### NEW OFFICE BEARERS

#### President

Mr. M. Arvind (2019 Batch)

#### Vice-President

Mr. A. Dheeraj (2020 Batch)

#### Secretary

Mr. B. Keshav (2019 Batch)

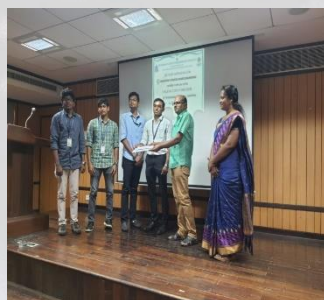
#### Joint-Secretary

Mr. M. M. Ragavan (2019 Batch)

Ms. S. Udaya Sri (2020 Batch)



**Mechatronics Engineering Association** organized its **Valedictory Ceremony** on 26.05 2022. Mr. Saravanakumar, Deputy Manager, LMW Unit II was the Chief Guest of this event. New office bearers of Mechatronics Engineering Association for the academic year 2022 -23 have been assumed and took in charge of the several roles and responsibilities.



On this occasion, winners of the **In-house Project Expo** were appreciated with prizes.



## JOURNAL PUBLICATIONS

Surface Topography: Metrology and Properties

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PAPER  
Notch tensile and dry sliding wear studies on Mg-Nd-Gd-Zn alloy

R Soundararajan<sup>1</sup> , L Feroz Alif<sup>2</sup> , M S Srinidhi<sup>1</sup> and T Ram Prabhu<sup>3</sup>

Published 31 March 2022 • © 2022 IOP Publishing Ltd  
[Surface Topography: Metrology and Properties, Volume 10, Number 1](#)  
Citation R Soundararajan et al 2022 Surf. Topogr.: Metrol. Prop. 10 015051

Indexing: **Scopus & SCIE**  
Impact Factor: **2.670**  
DOI: <https://doi.org/10.1007/s12633-022-01881-7>

**Advanced Hybrid Composites for Engineering Applications**

View this Special Issue

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Review Article | Open Access  
Volume 2022 | Article ID 6892641 | <https://doi.org/10.1155/2022/6892641>

Show citation

**A Comparative Study on Subtractive Manufacturing and Additive Manufacturing**

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K. Sathish ,<sup>1</sup> S. Senthil Kumar,<sup>2</sup> R. Thamil Magal,<sup>3</sup> V. Selvaraj,<sup>4</sup> V. Narasimharaj ,<sup>5</sup> R. Karthikeyan,<sup>6</sup> G. Sabarinathan,<sup>7</sup> Mohit Tiwari,<sup>8</sup> and Adamu Esubalew Kassa

Indexing: **Scopus & SCIE**  
Impact Factor: **1.726**  
DOI: <https://doi.org/10.1155/2022/2180614>

Surface Topography: Metrology and Properties

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PAPER  
Investigation and finite element simulation on the MRR and tool wear of aluminium silicon alloy during turning process

D Pritima<sup>1</sup>, G Veerappan<sup>2</sup> , L Mamundi Azaath<sup>2</sup> and M Ravichandran<sup>3,4</sup>

Published 6 June 2022 • © 2022 IOP Publishing Ltd  
[Surface Topography: Metrology and Properties, Volume 10, Number 2](#)  
Citation D Pritima et al 2022 Surf. Topogr.: Metrol. Prop. 10 025027

Indexing: **Scopus & SCIE**  
Impact Factor: **2.038**  
DOI: <https://doi.org/10.1088/2051-672X/ac5ebf>

Original Paper | Published: 15 April 2022

**Investigation on Microstructural Characterization and Mechanical Behaviour of Aluminium 6061 – CSFA / Siep Hybrid Metal Matrix Composites**

J. Justin Maria Hillary , R. Sundaramoorthy, R. Ramamoorthi & Samson Jerold Samuel Chelladurai

*Silicon* (2022) | [Cite this article](#)  
56 Accesses | [Metrics](#)

Indexing: **Scopus & SCIE**  
Impact Factor: **1.726**  
DOI: <https://doi.org/10.1155/2022/6892641>

**Advanced Hybrid Composites for Engineering Applications**

View this Special Issue

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Research Article | Open Access  
Volume 2022 | Article ID 2180614 | <https://doi.org/10.1155/2022/2180614>

Show citation

**Investigation of Mechanical Properties of *Sansevieria cylindrica* Fiber/Polyester Composites**

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Balasubramani Subramaniam ,<sup>1</sup> Manickavasagam V. M ,<sup>2</sup> Paul Theophilus Rajakumar I,<sup>3</sup> P. Anantha Christu Raj,<sup>4</sup> Bharath V G,<sup>5</sup> J. Madhusudhanan,<sup>6</sup> Amit Kumar Sharma ,<sup>7</sup> Pravin Patil,<sup>8</sup> and Gizachew Balcha Assefa<sup>9</sup>

Indexing: **Scopus & SCIE**  
Impact Factor: **2.038**  
DOI: <https://doi.org/10.1088/2051-672X/ac7066>

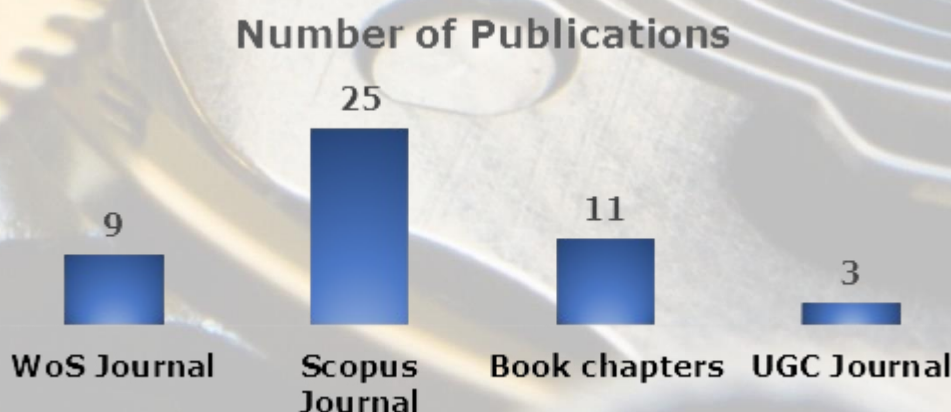
## BOOK PUBLICATIONS

S. No	Name of the Faculty	Title of the Book	Title of the Book Chapter	Publisher
1	Dr.M.Lydia, HOD	Artificial Intelligence for Renewable Energy Systems	Deep Learning Algorithms for Wind Forecasting: An Overview	Wiley
2	Dr.T.A.Selvan, Professor & Mr.S.Madhankumar, Assistant Professor	Functional composite materials: Manufacturing Technology and experimental application	Multi Objective Optimization on Processing Parameters for Micro ECM of Inconel Alloy using Taguchi based Grey relation Analysis	Bentham Science
3	Ms.R.Priyadharshini, Assistant Professor	Development of Solar-Powered Vehicle to Clean up the Waste from the Sewage System	Recent Advances in Materials and Modern Manufacturing	Springer Nature

**CONFERENCE PUBLICATIONS**

S.No	Name of the Faculty	Title of the Paper	Title of the Conference
1	Dr. M. Lydia, HOD	Soft computing models for forecasting day-ahead energy consumption	International Conference on Artificial Intelligence & Energy Systems
2	Dr. R. Gopinathan, Associate Professor	Investigating the performance of a NMPCM integrated heat sink for chipset cooling	International Conference on Thermal Analysis and Energy Systems
3	Dr. L. Feroz Ali, Assistant Professor	Exploration on various forging route performance of cast A350 alloy reinforced with fly ash and MWCNT composites	International Conference on Advances in Mechanical Engineering
4	Dr. L. Feroz Ali, Assistant Professor & 2022 Batch students – R.Raghul, Yogesh Muthuram, Harshavardhan Reddy & Shakil Khanna.N,	Evaluation of the polyamides Mechanical Properties for varying Infill Percentage in FDM process	International Conference on Advances in Mechanical Engineering
5	Ms. S. Kannaki, Assistant Professor	Design and Implementation of Autonomous Forklift for warehouses	International Conference on Processing and Characterization of Materials
6	Mr.P.M.Arunkumar, Assistant Professor	Design and Fabrication of automatic hose cutting machine	International Conference on Advanced Computing & Communication Systems
7		Optimization of machining fixture layout by considering two-Dimensional work piece fixture contact regions	
8		Design and Implementation of Secondary Positioner for Improving the OEE of Robotic Welding System	
9	Mr.S. Madhankumar, Assistant Professor	Electrical discharge machining process variable assessment utilizing multi-criteria optimization method	International Conference on Proceedings and characterization of Materials
10		An empirical study of the impacts of Parameters in Micro electrochemical drilling of Al 7075 alloy, silicon carbide, and fly-ash composites	
11	2022 batch students - N.Sivaramkrishnan, C.M.Sanjith, V.Sathish Kumar and S. Sreenivasan,	Design and Fabrication of Autonomous Social Distance Monitoring Robot	National Conference of Innovation in Information Technology

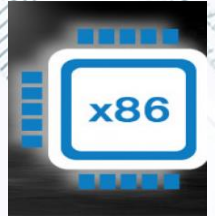
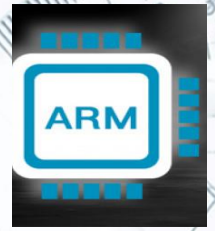
**2021-22 ACADEMIC YEAR PUBLICATIONS**





## An Alternative to ARM & x-86

**ARM & x-86** Architectures are regarded as the backbone of the Computer Processor world. The Processors based on these two Architectures make up the majority of the Chip Industry. ARM (Advanced RISC Machines) was based on RISC (Reduced Instruction Set Computing) & x-86 was based on CISC (Complex Instruction Set Computing). x-86 was used in most of our PC's and Laptops. x-86 has been developed by Intel and it was been licensed to AMD. ARM processors powers most of the Microprocessor Industry. But, these two Architectures are closed Architectures. which makes them Valuable for the Countries who are in the Sanction lists [eg: Iran, North Korea, Russia].



**RISC-V** was been developed and maintained by RISC-V International in Switzerland. It has about 2000 members with Premier and Strategic members such as Intel, SiFive, StarFive, IBM, Nokia, Arduino, Raspberry Pi, Samsung & Sony. Its development commenced in May 2010 in the Parallel Computing Laboratory at the University of California Berkley.

**RISC-V** is based on Reduced Instruction Set Computing. Its Architecture is Open-Sourced to all, which makes it favorite for companies which can use and can develops it. Namely, Companies like Sci-Fi releases many Single board Computers based on the RISC-V Architectures. Developing Nations like China & India were also heavily investing on RISC-V Architecture to avoid the dependence on x-86 & ARM. In future, it is going to have a significant effect on the Processor world as a third member after x-86 and ARM.



- **Mr. S. Sanjeev Kumar**  
(2019-23 Batch)

## KNOW YOUR DRONE FLYING RULES

### What is airspace geozone?

The airspace above certain designated establishments/ areas that are considered to be of national-international importance. These areas are also 'no-fly zones' and pilots require special permits from the designated authorities if they need to fly a drone in that space. Areas include national monuments like the Taj Mahal, military establishment and training centers, cantonment areas, and certain industrial areas like MIDC, and oil refineries, among others.



### What to keep in mind before flying?

Drone registration and permission for each flight through India's Digital Sky Platform. As per the 'No Permission, No Takeoff'(NPNT)rule in India if a drone pilot tries to fly without permission, they won't be able to take off.

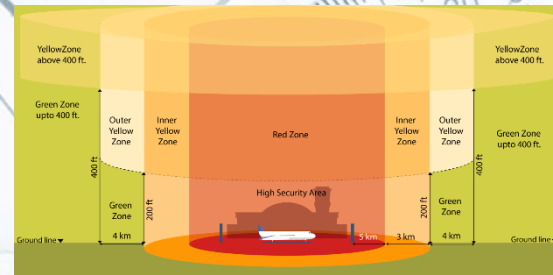


### Know your fly zones:

**Green:** areas that are 8-12 km away from the perimeter of an operational airport and up to 200 feet above the ground in non-yellow and non-red zones. **No permission is required for non-commercial flying.**

**Yellow:** located between 5 and 8 km of an operational airport. **Pilots of drones flying in these areas need permits** from AAI, IAF, Navy, or HAL, depending on the jurisdiction.

**Red:** drones here **can be operated only after getting permission from the central government.**



### Do drone pilots need licenses?

As per the amendment to drone rules 2022, nano and micro drones do not need pilot licenses or permits for **non-commercial purposes**, unless expressly specified for a sensitive zone or private property.

**Commercial user i.e. wedding photographer, landscape from district authorities.** For those thinking of flying bigger drones, there are two types of licenses issued-Student Remote Pilot License issued by any drone pilot training institute (valid for five years) and a Remote Pilot License issued by the Directorate General of Civil Aviation (valid for 10 years). Applicants for either of these should be at least 18 years of age and not more than 65.

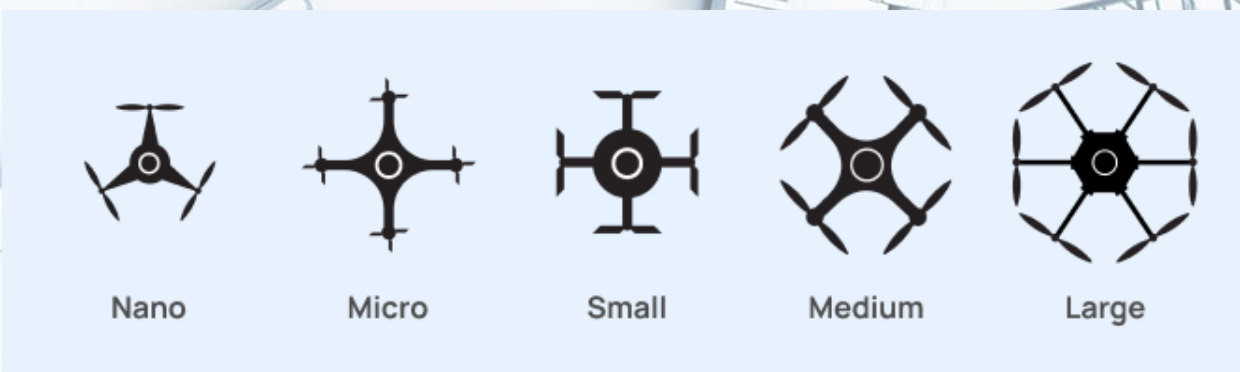
### Categories of drones in India:

**Nano drones:** Weight 250 gm or less and can fly up 50 feet

**Microdrones:** Weight between 250 gm-2kg and can fly up to 200 feet.

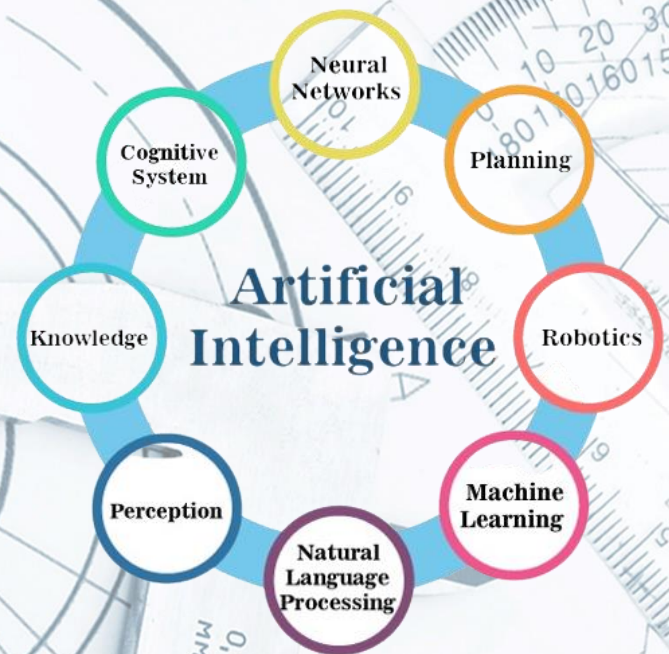
**Small drones:** Weight between 2 and 25 kg. These require trained pilots and UAS Operator permit-I (UAOP-I) from the DGCA.

**Medium and large drones:** Weight between 25 and 150 kg (medium) and above 150 kg (large). A remote pilot license and UAOP-II from DGCA are required apart from other govt rules.





## AI TRENDS IN 2022



- Greater Cloud and AI collaboration
- AI solutions for IT
- AIOps become more popular
- AI will help in structuring data
- Artificial intelligence talent will remain tight
- Large scale adoption of AI in the IT industry
- AI Ethics is the focus
- Augmented Processes become increasingly popular
- Artificial Intelligence will become more explainable
- Voice and Language Driven intelligence

### Top Companies of Artificial Intelligence:

- Amazon
- Apple
- Google
- Anki
- Facebook
- IBM (International Business Machines)
- Intel
- Microsoft
- NVIDIA
- AIBrain
- Salesforce

- Ms. K. Ananthi  
Assistant Professor





- **Mr. Naveen Pandiyan**  
(2020-24 Batch)



- **Mr. K. Sri Ram**  
(2020-24 Batch)



- **Mr. P. Mukesh** (2018-22 Batch)



## RIDDLES

1. What can go up a chimney down, but can't go down a chimney up?
2. What kind of band never plays music?
3. What has many teeth, but cannot bite?
4. What can travel all around the world without leaving its corner?
5. What is the end of everything?
6. What runs, but never walks. Murmurs, but never talks. Has a bed, but never sleeps. And has a mouth, but never eats?
7. I have cities, but no houses. I have mountains, but no trees. I have water, but no fish. What am I?

- **Mr. S. Madhankumar**, Assistant Professor

Answers: 1. Umbrella; 2. Rubber Band; 3. Comb; 4. Stamp; 5. The letter "G"; 6. River; 7. Map

## TONGUE TWISTERS

1. I slit a sheet, a sheet, I slit.  
Upon a slitted sheet, I sit.
2. A skunk sat on a stump and thunk the stump stunk,  
but the stump thunk the skunk stunk.
3. Through three cheese trees three free fleas flew.  
While these fleas flew, freezy breeze blew.  
Freezy breeze made these three trees freeze.  
Freezy trees made these trees' cheese freeze.  
That's what made these three free fleas sneeze.
4. Cooks cook cupcakes quickly
5. A flea and a fly flew up in a flue.  
Said the flea, "Let us fly!"  
Said the fly, "Let us flee!"  
So they flew through a flaw in the flue.
6. The two Tibble twins tied tiny twine to twelve teachers' tipping trek tents.



- **Mr. T. Vignesh**, Assistant Professor



**ALL THE DIFFERENCE IN THE WORLD**

Every Sunday morning, I take a light jog around a park near my home. There's a lake located in one corner of the park. Each time I jog by this lake, I see the same elderly woman sitting at the water's edge with a small metal cage sitting beside her.

This past Sunday my curiosity got the best of me, so I stopped jogging and walked over to her. As I got closer, I realized that the metal cage was in fact a small trap. There were three turtles, unharmed, slowly walking around the base of the trap. She had a fourth turtle in her lap that she was carefully scrubbing with a spongy brush.

"Hello," I said. "I see you here every Sunday morning. If you don't mind my nosiness, I'd love to know what you're doing with these turtles."

She smiled. "I'm cleaning off their shells," she replied. "Anything on a turtle's shell, like algae or scum, reduces the turtle's ability to absorb heat and impedes its ability to swim. It can also corrode and weaken the shell over time."

"Wow! That's really nice of you!" I exclaimed.

She went on: "I spend a couple of hours each Sunday morning, relaxing by this lake and helping these little guys out. It's my own strange way of making a difference."

"But don't most freshwater turtles live their whole lives with algae and scum hanging from their shells?" I asked.

"Yep, sadly, they do," she replied.

I scratched my head. "Well then, don't you think your time could be better spent? I mean, I think your efforts are kind and all, but there are fresh water turtles living in lakes all around the world. And 99% of these turtles don't have kind people like you to help them clean off their shells. So, no offense... but how exactly are your localized efforts here truly making a difference?"

The woman giggled aloud. She then looked down at the turtle in her lap, scrubbed off the last piece of algae from its shell, and said, "Sweetie, if this little guy could talk, he'd tell you I just made all the difference in the world."




**The moral: You can change the world** – maybe not all at once, but one person, one animal, and one good deed at a time. Wake up every morning and pretend like what you do makes a difference.

- **Dr. T. A. Selvan**, Professor



## NBA ACCREDITATION

Name of the Institution	Program	Level	Accreditation Status	Accreditation Latest
SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY (COIMBATORE)	Mechatronics  NATIONAL BOARD OF ACCREDITATION	Under Graduate	ACCREDITED	Academic Year 2019-20, 2020-21 and 2021-22, i.e. up to 30-06-2022 ; Further Accredited for Academic Year 2022-23, 2023-24 and 2024-25, i.e., upto 30/06/2025

Department has been successfully accredited for NBA for the following academic years 2022-2023, 2023-24 and 2024-2025.



## SAUR URJA VEHICLE CHALLENGE 2022



**K.V.Deepak, A.Dheeraj, Poorva Santhiya, Rakesh Sundaram, Udayasri and Tharun Kumar C** students of Second year have secured AIR 3 and have also won the Innovation Award in the National Level Solar Electrical Vehicle Competition "SAUR URJA VEHICLE CHALLENGE 2022-OVPR" conducted by Refrangible Society of Technophile Engineers.



## TNSCST STUDENT PROJECT SCHEME



தமிழ்நாடு அறிவியல் தொழில்நுட்ப மாநில மன்றம்



TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

1061	Prof.Vignesh.T Assistant Professor Dept. of Mechatronics Engineering Sri Krishna College of Engineering and technology Kuniyamuthur, Coimbatore 641 008.	Low cost humanoid bot with covid - 19 SOP	Shibin Thomas.S, Saktheeswaran.G Vibunesh.N.T, Theerthana.T	EME-0181	7500/-
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Student Team from Final year has received Tamil Nadu State Council for Science and Technology Grant of Rs.7500/- (2021 – 2022) for a project entitled "**Low Cost Humanoid Bot with COVID-19 SOP**".

Team Members: S.Shibin Thomas, G.Saktheeswaran, N.T.Vibunesh, and T.Theethana

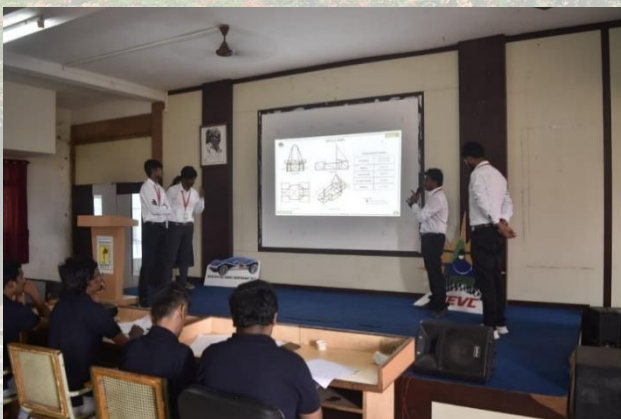
Faculty Mentor: **Mr.T.Vignesh**, Assistant Professor

## VISAI 2022



**Sreeranjani S, Adhira M, and Sowmiya Devi S** students of Third year participated in the 12<sup>th</sup> International Project Competition, VISAI 2022, at Vel Tech Chennai. They were awarded with an encouragement prize for their active participation in the 12<sup>th</sup> International project competition on 24.2.2022.

## SOLAR ELECTRIC VEHICLE CHAMPIONSHIP



Student team (Mr.M.Arvind, Mr.A.Asif Muhammed, Ms.S.Udaya Sri and Mr.A.Dheeraj) has participated in the **Solar Electric Vehicle Championship - SEVC 2022** on 14.05.2022 organized by Hindustan Institute of Technology-Coimbatore. The team received standing ovation and applause from jury members.

Team Mentor: **Mr.T.Vignesh**, Assistant Professor



## 3<sup>rd</sup> YEAR STUDENTS STATISTICS

S.NO	Reg No	Name of the student	PLACED DETAILS
1	19EUMT014	ASIF MUHAMMED	SOLITON
2	19EUMT015	Barath B	
3	19EUMT053	krishnaprasath M	
4	19EUMT051	Keshav B	Zoho
5	19EUMT033	Gowtham Subramaniam	Facilio
6	19eumt006	AJAY R	Vuram
7	19eumt090	Sreeranjani S	



## TESTIMONIAL BY PLACED STUDENTS

It gives me immense pleasure to have completed my UG in SKCET, as my college gave me innumerable opportunities to prove and develop my skills. The ever-supportive faculty members have put their trust in me and groomed me to be a better professional by both technically and nontechnically. I would like to especially thank Placement cell for guiding me and providing me a good platform for my career. I am very much grateful to my parents for choosing SKCET. Thanks to our Principal Madam and entire SKCET faculty team. These four years in my life will stand endless and my relationship with this place will remain forever.



**Mr.S.K.M.Gurubaran**  
(2017-21 Batch)

HCL Technologies



**Mr. Ranjith Kumar**  
(2017-21 Batch)

Kaar Technologies

My favorite part of SKCET is its faculty members and learning resources. Being knowledgeable, inspiring, and approachable, my tutors provide students with much guidance and mind-opening perspectives. Their dedication to education helps us develop academic interests and grow intellectually. I was able to enjoy all my classes, and I felt better about having to present in front of the class because I have great and supportive faculty members. Being involved in college activities also helped me to create some meaningful memories at SKCET and connect me with a lot of people. My experience in SKCET has helped me grow in a lot of ways and now I am excited to look for new challenges in a new place while pursuing my dreams. I am very much grateful to my parents for choosing SKCET. Thanks to our Principal Madam and entire SKCET faculty team.





**Mr. R. Vivek**  
(2017-21 Batch)

Turbo Energy

My journey with SKCET is definitely one I will cherish for life. In a very short span of time, I was able to learn a lot, which helped me excel academically as well as personally. SKCET aims at overall development of an individual and also provides multiple opportunities and exposure to develop new skills. Students are able to showcase their talent not just through technical but also through extracurricular activities. The competitive environment always pushed me to perform my best. The placement preparedness training was proved to us from the beginning of the 3<sup>rd</sup> Semester and it went on till the end of the 6<sup>th</sup> semester. The feeling of being employed upon graduating is immense and a morale boosting experience. I extend my gratitude to our Placement cell. I am very much grateful to my parents for choosing SKCET. Thanks to our Principal Madam and entire SKCET faculty team.

The most important four years of my career started at SKCET! My journey of my college life was splendid and kudos to SKCET team for making it a meaningful one. It was filled with lots of happiness, motivations and life lessons and most importantly with huge amount of fun each day. The dynamic professors here trusted their students to the fullest and continuously supported us to reach great heights! I love the infrastructure of SKCET which gives lots of loving moments to cherish throughout. I would like to specially thank the placement cell for guiding me and providing me a good platform for my career. On the whole SKCET pages of my life diary stand evergreen and my relationship with this place will remain forever! My wholehearted thanks for everything my lovable SKCET!



**Mr. Nirmal Kumar**  
(2017-21 Batch)

HCL Technologies



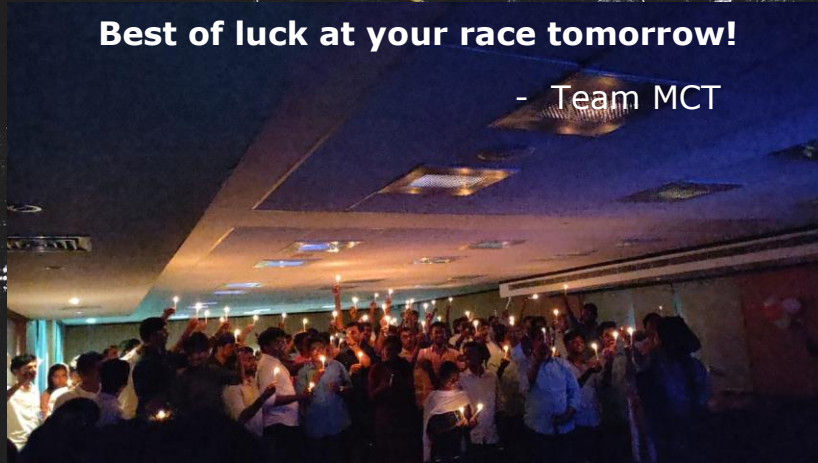


**Mr. A. Neelash Kannan**, student of 3<sup>rd</sup> year has designed an amazing customized E-Bike from scratch. The bike has 3kw motor and custom made 5kw lifepo4 battery pack which gives maximum mileage of 110 to 125 kms with a top speed of 80kmph. The bike is equipped with smart functions like 4 speed modes and reverse mode with GPS enabled speedometer and wireless locking (turn on and turn off via Wi-Fi). He uses this E-Bike to travel to college and back home.



**Best of luck at your race tomorrow!**

- Team MCT



**"There are no goodbyes for us. Wherever you are, you will always be in my heart."**

- Mahatma Gandhi