

**SKCET**

**Buzz**



04<sup>th</sup> - 10<sup>th</sup> May 2024



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# INSTITUTIONAL ACCOLADES



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## CIVIL | AICTE-VAANI SCHEME GRANT

# AICTE Introduces VAANI Scheme to Promote Indian Languages in Technical Education



8CCOED1A	1-3955612	Seminar	Tamil	Health Care & Med-Tech	2	02-08-2024	Sri Krishna College of Engineering and Technology
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**Civil Engineering** Department has been chosen by AICTE to conduct the VAANI-FDP titled "**Application of Traditional Health Care Systems in Daily Life**" on the theme **Health Care and Med-Tech**. The sanctioned amount for the conduct of FDP is Rs. 2 Lakhs.

**PI:** Dr. P. Saravanakumar, Professor and Head, Civil Engineering.

**Co-PI:** Dr. S. Ramakrishnan, Associate Professor, Civil Engineering.



# HACKATHON ACCOLADES



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# CSBS | ELECTROBLITZ'24 - HACKATHON



**Lionel Roshan P, Shwetha D**, students of Third year **CSBS** have participated in **ELECTROBLITZ'24- Hackathon** hosted by Coimbatore Institute of Technology and have won First Prize with cash prize of Rs.7000/-. The team was mentored by **Dr. G. Ignisha Rajathi**, Associate Professor, CSBS.



# STUDENTS PROGRESSION



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# MCT | KARATE TOURNAMENT



**Sunil J**, student of **Second year MCT** has participated in the **Kumite** event at the **National Goju Ryu Karate Tournament 2024** held at Mumbai from 28<sup>th</sup> April to 30<sup>th</sup> April 2024 and has won **Silver Medal**. He has also been selected to represent the Indian Team at the Asian Games.



# ECE | PROJECT EXPO



**Stella S, Apsala B, Idhaya R and Anitha S, students of First year ECE participated in SPECTRA'24 Project expo and Paper presentation event hosted by KGISL Institute of Technology, Coimbatore and has won 1<sup>st</sup> prize for Paper presentation and 2<sup>nd</sup> prize for Project Expo with cash awards.**

## ECE | PAPER PRESENTATION



**Jeeva M, Alfazal F, Nivetha E and Pranasha G**, students of **First year ECE** have participated in the national level technical event organized by KGISL Institute of Technology - SPECTRA '24 on 03/05/2024. They have bagged **Third prize** in the paper presentation contest and were highly appreciated by the Jury members for their presentation and technical skills.

# EEE | TECHNICAL SYMPOSIUM



Coimbatore, Tamil Nadu, India  
 Library Block, Avinashi Rd, Peelamedu, Civil Aerodrome Post, Coimbatore, Tamil Nadu 64101  
 Lat 11.027438°  
 Long 77.027047°  
 03/05/24 10:46 AM GMT +05:30



**Student** team of **First** year **EEE** has participated in **ELECT-ERA' 24** - A National Level Technical Symposium conducted by Coimbatore Institute of Technology, Coimbatore on 03.05.2024. The team has won the 1<sup>st</sup> Prize in Paper Presentation and 2<sup>nd</sup> Prize in Circuit Debugging along with cash awards.

## Team Members

Aditya S M - I EEE A

Vijaya Balaji V - I EEE B

Ashok J - I EEE A

Gokula Krishnan - I EEE A

**Faculty Mentor** : Dr.J.Karthika, Professor / EEE

# AI&DS | PAPER PUBLICATION

**11. AI, Cloud, and IoT Integrated Hospital Management Systems**

**PRAJWAL RAJ. R**

Student, Dept. of AI & DS, Sri Krishna College of Engineering, and Technology, Tamil Nadu, India

Download PDF

**IJMRSET** e-ISSN:2582-7219

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[ Volume 7, Issue 13, April 2024 ]

International Conference on Intelligent Computing & Information Technology (ICIT-24)

Organized by

Erode Sengunthar Engineering College, Erode, Tamilnadu, India

**AI, Cloud, and IoT Integrated Hospital Management Systems**

**Prajwal Raj. R**

Student, AI & DS, Sri Krishna College of Engineering, and Technology Tamil Nadu India<sup>1</sup>

**ABSTRACT:** In the rapidly evolving landscape of healthcare, the integration of cutting-edge technologies such as Artificial Intelligence (AI), Cloud Computing, and the Internet of Things (IoT) has revolutionized the way hospitals manage and utilize information. This abstract introduces a sophisticated Hospital Information System (HIS) that harnesses the power of AI, Cloud, and IoT to enhance patient care, streamline operations, and improve overall efficiency within healthcare facilities.

**1. INTRODUCTION**

By leveraging AI algorithms, this system can analyze vast amounts of medical data to provide accurate diagnoses, personalized treatment plans, and predictive analytics for better patient outcomes. The utilization of Cloud infrastructure ensures secure storage, seamless access to information, and scalability to accommodate the growing needs of modern healthcare organizations. Additionally, IoT devices enable real-time monitoring of patients, equipment, and environmental conditions, facilitating proactive interventions and enhancing patient safety. This abstract sets the stage for a comprehensive exploration of how the convergence of AI, Cloud, and IoT technologies is reshaping the healthcare industry, offering a glimpse into the future of hospital information systems that prioritize innovation, connectivity, and data-driven decision-making for the benefit of patients and healthcare providers alike.

**Components of Hospital Information Systems:**

HIS consists of various components that collaborate to provide a comprehensive information management solution:

- Administrative Modules:** These modules handle tasks related to patient admissions, registration, scheduling, billing, and health insurance management. They streamline administrative processes, ensuring accurate documentation and efficient workflows.
- Clinical Modules:** Clinical modules support healthcare providers in delivering patient care. They include functionalities such as electronic health records (EHR), computerized physician order entry (CPOE), clinical decision support systems (CDSS), and e-prescribing. These modules enhance clinical workflows, improve care coordination, and reduce medical errors.
- Laboratory and Radiology Information Systems:** These specialized modules manage laboratory and radiology test orders, results, and reports. They enable healthcare professionals to efficiently track and interpret diagnostic information, contributing to accurate diagnosis and treatment decisions.
- Pharmacy Information System:** Pharmacy modules enable electronic medication management, including drug inventory management, medication dispensing, and medication administration records. They enhance medication safety, reduce errors, and improve medication adherence.
- Revenue Cycle Management:** This component covers financial processes, including billing, claims management, and revenue optimization. These modules ensure accurate and timely billing, reducing financial risks and improving revenue collection for healthcare organizations.

IJMRSETO 2024 | An ISO 9001:2008 Certified Journal | 77

Prajwal Raj R, student of **First year AI&DS** has published a paper titled **“AI, Cloud and IoT Integrated Hospital Management Systems”** in the International Journal of Multi-Disciplinary Research in Science, Engineering and Technology, Volume 7, Issue 13, April 2024, e-ISSN:2582-7219, with an impact factor of 7.521.

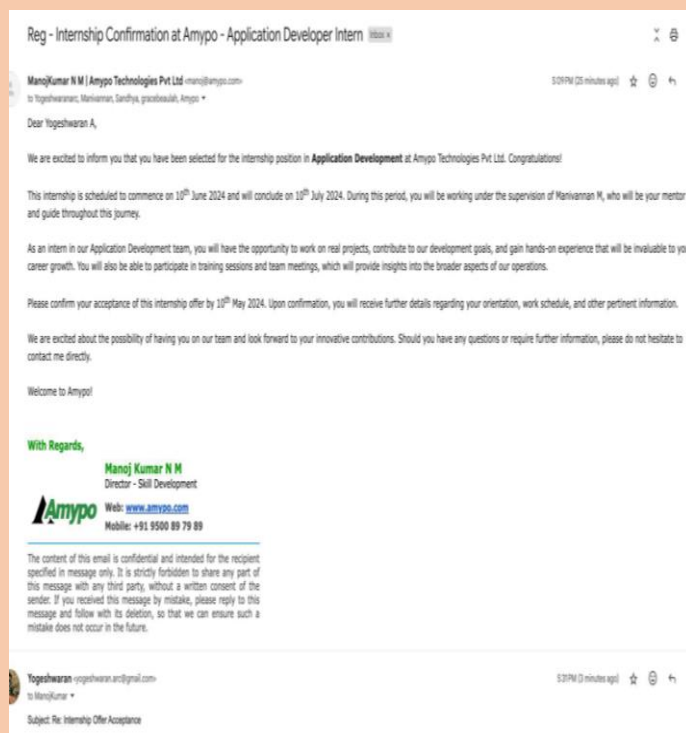
# AI&DS | INTERNSHIP ON ML



**Sanjay M**, student of **First year AI&DS** has successfully completed his internship on “**Machine Learning**”, at **TechnoHacks EduTech** from 23.03.2024 to 22.04.2024.

# CSD | INTERNSHIP

**Yogeshwaran A**, student of **Second year Computer Science and Design** has successfully bagged a summer internship offer at **AmyPo Technologies** as an **Application Developer** from 10.6.2024 to 10.7.2024.



## CSBS | SKATING TRIUMPHS



**Poornisha.D**, student of **Second year CSBS** has showcased her remarkable talent and dedication in the field of Skating and has been shortlisted in selection trails held at Chandigarh from 25<sup>th</sup> of April 2024 to 28<sup>th</sup> of April 2024. She will be representing the Indian team in the upcoming World Skate Championship to be held at Italy.

# CSBS | NATIONAL GOJU RYU KARATE



Risha.R, student of **Second year CSBS** has participated in the **First National Goju Ryu Karate** Tournament 2024 held at Mumbai from 28<sup>th</sup> April to 30<sup>th</sup> April 2024 at various events like

**Kata :** Bronze Medal

**Kumite:** Bronze Medal

**Kata :** Silver Medal

## CSY | KARNATAKA POLICE DATATHON

Team Name	Team Leader	Problem Statement
creep access	Dhivya Shree	Police Performance and Resource Management
lumina	Tarun Behera	Police Performance and Resource Management
4head	Sibi Rassal	Police Performance and Resource Management
tech tickles	KASTHURI KRISHNA L M	Police Performance and Resource Management
capital tech	Ojas Deshmukh	Police Performance and Resource Management
daksh	Dayanand s k	Police Performance and Resource Management
matrix	Ayush Singh	Police Performance and Resource Management
shecodes	Anika Chathoth Padmanabhan	Police Performance and Resource Management
bengal tigers	Subhradeep Pal	Police Performance and Resource Management
data ranger	Harsh Singh	Police Performance and Resource Management
radiant ranger	Ankan Bera	Police Performance and Resource Management
codecomets	ASWINKUMAR V	Police Performance and Resource Management

**Kasthuri Krishnan, Tharun Sabari, Sabari, Vishnupriya**, students of **Second** year CSE (Cyber Security) have advanced to the final phase of consideration for the Karnataka State Police Datathon 2024.

**Problem Statement:** Police Performance and Resource Management

**Team Name:** Tech Tickles

**Mentor:** Mr.I.Anantraj, Assistant Professor, CSE (Cyber Security)





# STUDENTS CERTIFICATION



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## AI&DS | GREAT LEARNING CERTIFICATION



**Atchaya Velu** - First year **AI&DS A** student have completed a course titled "**AWS For Beginners**", offered by **Great Learning** on April 2024.

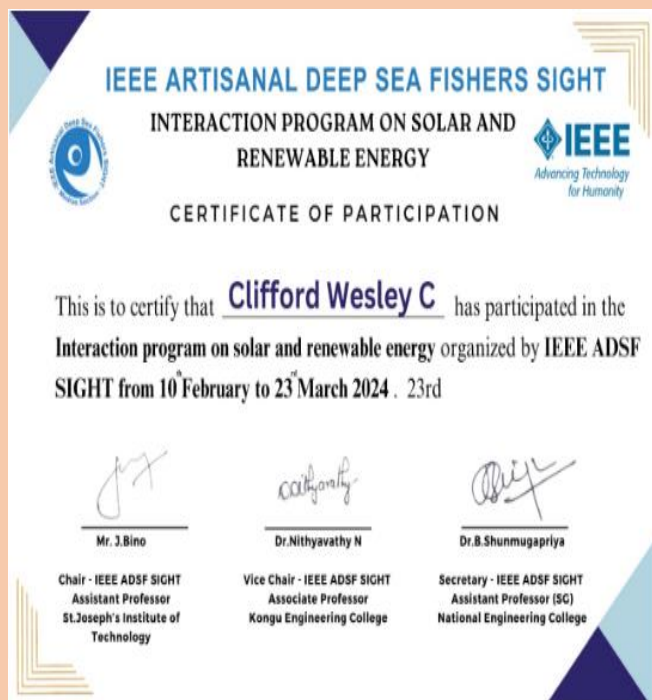
## AI&DS | SKILL UP CETIFICATION



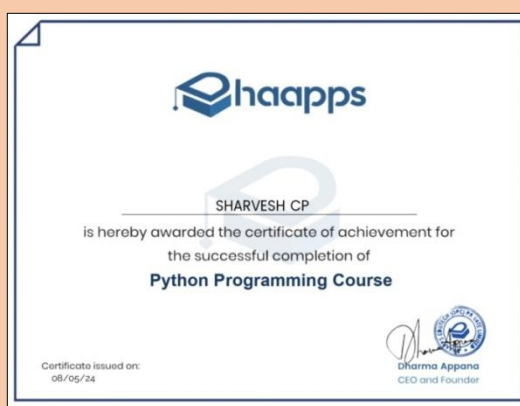
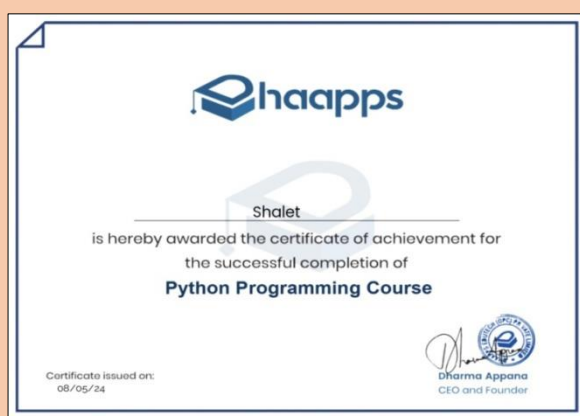
**Adithya J**, student of **First year AI & DS** has successfully completed a course titled "**Introduction to HTML**" offered by **Simple Learn** on 18.04.2024.

## MCT | INTERACTION PROGRAM ON SOLAR & RENEWABLE ENERGY

**Clifford Wesley C**, Second year student of **Mechatronics Engineering** has participated in the “**Interaction Program on Solar and Renewable Energy**” organized by IEEE ADSF SIGHT from 10<sup>th</sup> February to 23<sup>rd</sup> March 2024.

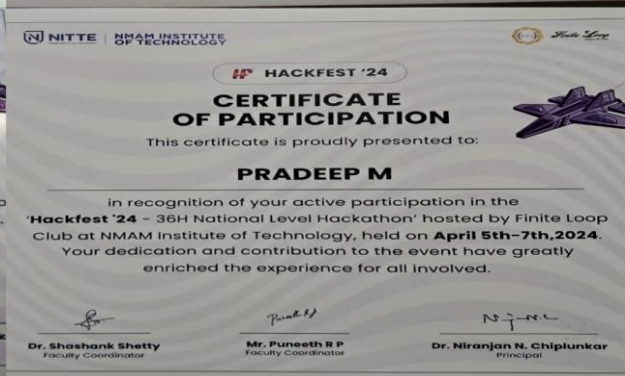


## CSBS | PYTHON CERTIFICATION



**Shalet, Sharvesh CP**, students of **First year Computer Science and Business Systems** have successfully completed “**Python Programming Course**” from **Dhaapps** on 08.05.2024.

# CSBS | HACKTHON PARTICIPATION



**Durairaj S, Roshni A, Madhumitaa B, and Pradeep M, students of Second year Computer Science and Business Systems, have participated in Hackfest'24, hosted by Finite Loop Club at the NMAM Institute of Technology, Mangalore, from 5<sup>th</sup> April to 7<sup>th</sup> April, 2024.**

**Problem Statement:** Ovarian Subtype classification and Outlier Detection.

**Team Name:** Medgeeks

**Mentor:** Dr. G. Ignisha Rajathi, Associate Professor, CSBS.

## CSBS | IDEATHON



**Mohana Meenatchi V K, Swathika S I, Guruprasana E S I, and Tejesh S S**, students of **First year Computer Science and Business Systems**, have participated and clinched the runner-up spot in the **Ideathon** event under the theme **Instrumenting Innovation: Advancing Technology for a Sustainable Tomorrow**, organized by Puducherry Technological University, Puducherry, on April 25, 2024. This team was honored with certificates and cash prizes for their achievement among the 30 teams.

**Prototype:** Revolutionizing Water Access: Graphene Enabled Desalination

**Mentor:** Mr. I. Anantraj Assistant Professor, CSE (Cyber Security)



## EVENTS



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## SOM | MANAGEMENT FEST



School of Management organized a **National Level Young Business Minds Inter-College Management Meet, Vyuha'2024** on 24.04.24.

**Chief Guest:** Ms. Deeksha Awasthi, Global Mental Health Ambassador, IIT-Kanpur

**Quiz Master:** Mr. Arvinth Sarathy, Founder and Creative Head at X Quiz It, Chennai

**Best Manager Organiser:** Dr. V. Smitha, LEAD College of Management, Pallakad

**Certification Course Resource Person:** Mr. Ramesha. PMP Certified Management Professional.

The following events were organized as a part of the Management Fest.

- Best Manager, Business Quiz, IPL Auction (Battle of Bids), Finance Frenzy, Strategy Stadium, Leadership League. AI in Project Management (Certification course)

Around 150 participants from 25 Management Institutions participated in the event. **Mr. Rajan**, Co-Founder and CEO, Gyan Matrix distributed the prizes to the winners.

## CSE | SEMINAR ON GENAI USING RETRIEVAL AUGMENTED GENERATION (RAG) & LLM



Department of **Computer Science and Engineering** in association with IIC successfully conducted a Seminar on "**GenAI using Retrieval Augmented Generation (RAG) & LLM**" on 3.5.2024.

**Resource Person:** Mr.Arun Kumar B.E., MBA., Senior Software Engineer, IBM Pvt.Ltd, Chennai

### Session Takeaways:

- Overview on Generative AI
- Components of LLM
- LLM & NLP Relation with use cases
- Transformers in GenAI
- Working Principles of RAG
- Text Generation with RAG
- Demo with Real time applications





# PLACEMENT AND TRAINING



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## EEE | TESTIMONIAL BY PLACED STUDENTS

I am Lavanya V. I am delighted to share my enriching experience as a student of the Electrical and Electronics Engineering program at SKCET. Throughout my journey, SKCET has not only provided an exceptional academic foundation but also fostered an environment conducive to holistic growth. The opportunities presented at SKCET, be it through engaging research projects or insightful internships, have significantly contributed to my academic and personal development. The college emphasizes on both extracurricular activities and academics, this has equipped me with a diverse skill set essential for thriving in the professional world.

SKCET's focus on nurturing technical proficiency, leadership acumen, and effective communication skills has been pivotal in shaping my career trajectory. It is due to these honed abilities that I have been fortunate to receive offers from industry leaders like Schwing Stetter and Capgemini.

I extend my sincere gratitude to the placement cell for their unwavering support and guidance throughout the placement process. I am thankful to the faculty members whose dedication has been instrumental in my growth and success. As I embark on this new chapter of my career, I carry with me the invaluable lessons and experiences gained at SKCET. I am deeply appreciative of the opportunities provided and the learning environment fostered by SKCET, which have been pivotal in shaping my professional journey.

**LAVANYA V**  
**EEE (2024 BATCH)**  
**SCHWING STETTER AND CAPGEMINI**



**PLACEMENT | TESTIMONIAL BY PLACED STUDENTS**

I am Naveen S V, a Mechanical Engineering graduate from the batch of 2024. My time at Sri Krishna College of Engineering and Technology was a transformative experience that laid the foundation for my professional journey. With guidance from the dedicated placement team and supportive faculty members, I have secured a coveted position at Schwing Stetter. The holistic education and practical training I received equipped me with the skills and confidence to excel in my professional career. The support and encouragement from all my department staff members and placement cell were invaluable, making my journey unforgettable. I am grateful for the opportunities, mentorship and academic environment provided by my alma mater.

**NAVEEN S V,  
Mechanical (2024 BATCH)  
Schwing Stetter**



**PLACEMENT | TESTIMONIAL BY PLACED STUDENTS**

I'm Kiruthika E from **IT**, Final year graduate. I'm immensely grateful for the support I received from my department and Placement Cell. I have secured placement at **HiBiz Consulting Pvt. Ltd.** Throughout my final year, I experienced a strong sense of support, and now, as I graduate, I am filled with pride.

My time here provided an incredible learning journey, particularly through participation in hackathons. Not only did I acquire valuable knowledge, but I also enjoyed the experience of winning some along the way. The support and encouragement from all my department staff members and placement cell were invaluable, making my journey unforgettable. Thank you, SKCET, for helping me achieve my dreams.

**KIRUTHIKA E,  
IT (2024 BATCH)  
HiBiz**





# RESEARCH AND DEVELOPMENT



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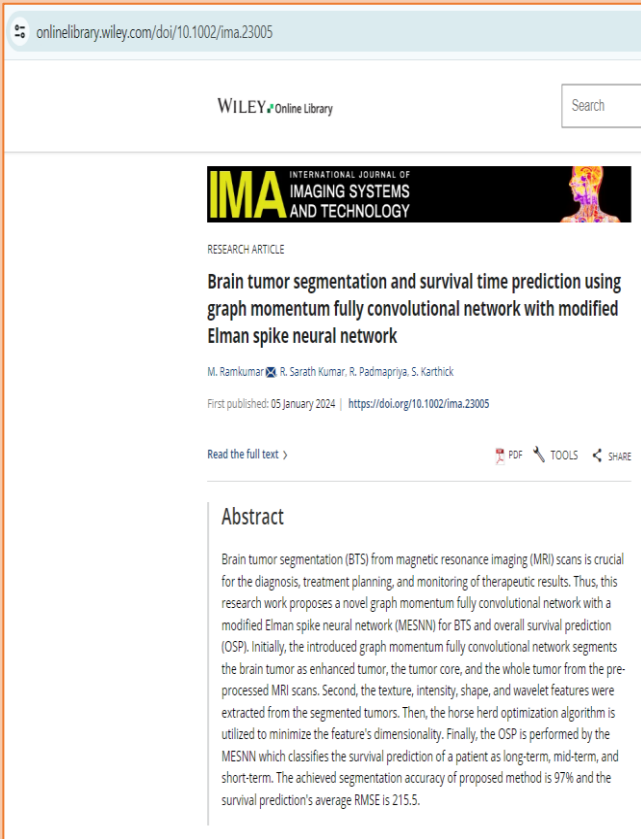


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# R&D | PAPER PUBLICATION | ECE



**Dr.M.Ramkumar,** Associate Professor, Department of **ECE**, has published SCI and Scopus indexed Journal titled **“Brain tumor segmentation and survival time prediction using graph momentum fully convolutional network with modified Elman spike neural network”** in the Journal, International Journal of Imaging Systems and Technology. **Dol:** <https://doi.org/10.1002./ima.23005>.

# R&D | PATENT PUBLICATION | MCT

**Dr.T.A.Selvan,** Professor, **Mr.S.Madhan Kumar,** Assistant Professor, along with **K.V.Deepak, S.Adithyan** and **P.Linga Sri,** students of **Mechatronics Engineering** have filed a design patent titled **“Automated Scaling Machine”** on **02/05/2024.**



# R&D | PATENT PUBLICATION | MECH

(12) PATENT APPLICATION PUBLICATION	(21) Application No.20244103874 A
(19) INDIA	
(22) Date of filing of Application :29/04/2024	(43) Publication Date : 03/05/2024
(54) Title of the invention : EXPERIMENTAL INVESTIGATION OF AA6063 REINFORCED WITH ZIRCONIUM-DIBORIDE USING SQUEEZE CASTING	
(51) International classification B22D0018020000, H01L0027120000, H04N0019700000, C22C0033040000, C21D0008940000	(71)Name of Applicant : 1)Dr.S.Rameeh babu Address of Applicant :Professor and Head Department of Mechanical Engineering, KPR Institute of Engineering and Technology, Avinashi – Coimbatore Road, Arsur,Uthupalayam, Coimbatore tamilnadu india-641407 9443919929 2)Dr.R.Asanandkumar 3)Dr.D.Sudarvishi 4)Dr.Yuvaraj kuanathur periyasamy 5)Dr.M.Vignesh kumar 6)Mr S Bavan Rakebh 7.S. Brijith judes 8)A.Dinesh Name of Applicant : NA Address of Applicant : NA
(86) International Application No NA Filing Date NA	(72)Name of Inventor : 1)Dr.S.Rameeh babu Address of Applicant :Professor and Head Department of Mechanical Engineering, KPR Institute of Engineering and Technology, Avinashi – Coimbatore Road, Arsur,Uthupalayam, Coimbatore tamilnadu india-641407 2)Dr.R.Asanandkumar Address of Applicant :Assistant Professor, Department of Mechanical Engineering, KPR institute of Engineering and Technology, Avinashi - Coimbatore Road, Arsur, Uthupalayam, Coimbatore Tamil Nadu INDIA -641407 3)Dr.D.Sudarvishi Address of Applicant :Assistant Professor, Department of Biomedical Engineering, KPR institute of Engineering and Technology, Avinashi - Coimbatore Road, Arsur, Uthupalayam, Coimbatore Tamil Nadu INDIA -641407 4)Dr.Yuvaraj kuanathur periyasamy Address of Applicant :Associate professor, Department of mechanical engineering, Sri Krishna college of engineering and technology BK Pudur, Sugampuram East Kumiyamthur, Coimbatore Tamil nadu India-641008 5)Dr.M.Vignesh kumar Address of Applicant :Associate Professor, Department of Mechanical Engineering, Sri Krishna college of engineering and technology, BK Pudur Sugampuram East, Kumiyamthur, Coimbatore Tamil Nadu INDIA -641008 6)Mr S Bavan Rakebh Address of Applicant :Department of Mechanical Engineering, KPR Institute of Engineering and Technology, Avinashi - Coimbatore Road, Arsur, Uthupalayam, Coimbatore Tamil Nadu INDIA -641407 7.S. Brijith judes Address of Applicant :Department of Mechanical Engineering, KPR Institute of Engineering and Technology, Avinashi - Coimbatore Road, Arsur, Uthupalayam, Coimbatore Tamil Nadu INDIA -641407 8)A.Dinesh Address of Applicant :Department of Mechanical Engineering, KPR Institute of Engineering and Technology, Avinashi - Coimbatore Road, Arsur, Uthupalayam, Coimbatore Tamil Nadu INDIA -641407
(87) International Publication No :NA	
(61) Patent of Addition to Application Number NA Filing Date NA	
(62) Divisional to Application Number NA Filing Date NA	

Dr. Yuvaraj K.P, Associate Professor

Mechanical Engineering has

published a patent titled

‘Experimental Investigation of

Aa6063 Reinforced with

Zirconium-Diboride using Squeeze

Casting’ on 03.05.2024.

## CAN YOU SOLVE?

$$1 + 3 = 34$$

$$5 + 2 = 27$$

$$5 + 1 = 16$$

$$3 + 5 = 58$$

$$2 + 4 = ??$$



# FACULTY PROGRESSION



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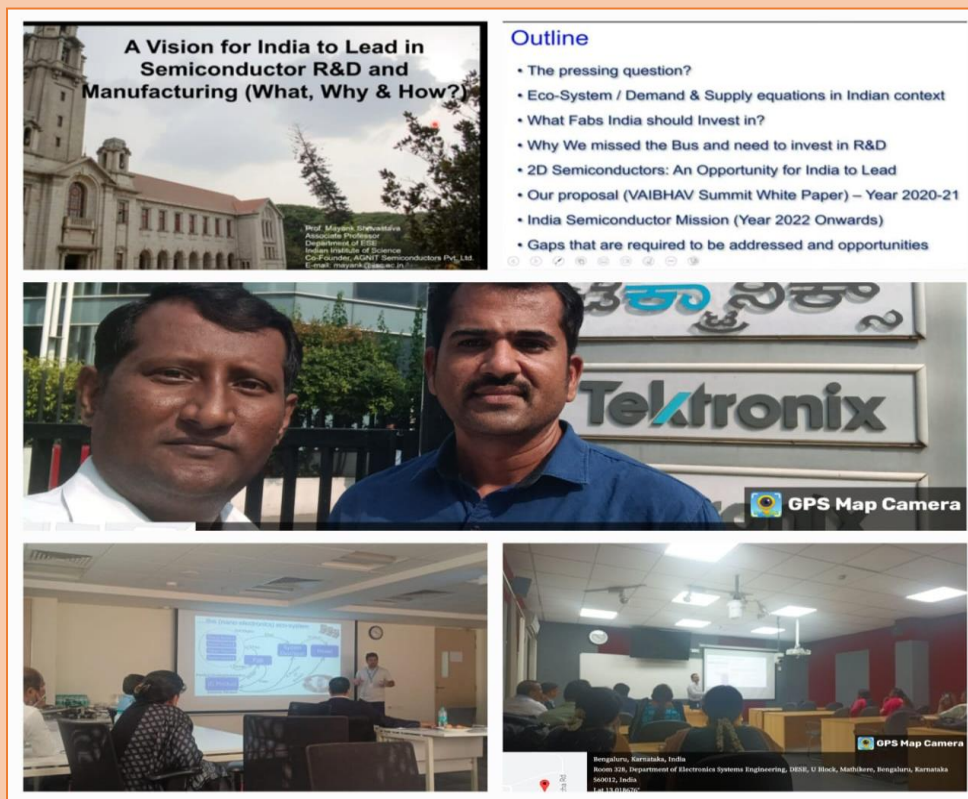
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# ECE | SKILL DEVELOPMENT PROGRAMME



**Dr.B.Maruthi Shankar**, Associate Professor, **ECE**, SKCET and **Dr.C.Senthilkumar**, Associate Professor, **ECE**, SKCT have attended the inaugural session of the Skill Development Programme to Support India Semicon Mission Tektronix India Pvt. Ltd., Bangalore on 03.05.2024.

The inaugural address was delivered by **Prof.Mayank Shrivastava**, IISc Bangalore with a man focus on Accelerating Semicon Skill Development in India to Support India Semicon Mission. The next session was addressed by **Mr.Rajkumar Chandrasekar**, (Consultant & Industry Expert). He emphasized the Skill requirements for the Semicon ecosystem in India, followed by a visit to Tektronix Engineering Centre - Testing Laboratory and last session was visit to Indian Institute of Science (IISc, Bangalore) – Semicon Categorisation Laboratory.

# EEE | SUMMER FACULTY RESEARCH FELLOWSHIP

5/2/24, 11:29 AM

Sri Krishna College of Engineering and Technology Mail - Offer letter for SFRF-2024



pavithra c <pavithra@skcet.ac.in>

## Offer letter for SFRF-2024

1 message

Coordinator Qip Cep <qipcep.admin@admin.iitd.ac.in>

Thu, Apr 25, 2024 at 5:16 PM

To: pavithra@skcet.ac.in

Cc: Nilanjan Senroy <nsenroy@ee.iitd.ac.in>

**Mr./ Ms./ Dr. C Pavithra**

Dear Faculty Fellow,

Greetings from CEP IIT Delhi.

We are glad to inform you that you have been selected for the Summer Faculty Research Fellow (SFRF-2024) Programme.

Please note, mode of delivery for SFRF-2024 is open in all three modes i.e. ON-CAMPUS, ONLINE or HYBRID, still the final and binding decision is up to the discretion of the **IIT DELHI Faculty Mentor** to opt for the preferred mode of delivery between the three available modes, as per the requirement of course content and feasibility.

Your Faculty Mentor is **Prof. Nilanjan Senroy, Electrical Engineering, IIT Delhi** you can contact him/her at e-mail: [nsenroy@ee.iitd.ac.in](mailto:nsenroy@ee.iitd.ac.in)

**Ms.C.Pavithra**, Assistant Professor, **EEE** Department has been chosen for the '**Summer Faculty Research Fellow Programme**' (SFRF - 2024) at **Indian Institute of Technology, Delhi**. She will be participating online from 14th May 2024 to 12th July 2024, under the guidance of Faculty Mentor **Dr. Nilanjan Senroy**, Power Grid Chair in Electrical Engineering at IIT Delhi.



# FACULTY CERTIFICATIONS



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## SOM | FDP ON INNOVATIVE DISCOVERIES & EMERGING ADVANCEMENTS & APPLIED SCIENCES



**Mr.C.Boopathy**, Assistant Professor - School of Management has participated virtually in the International Conference **Innovative Discoveries and Emerging Advancements and Applied Sciences** from 18<sup>th</sup> to 20<sup>th</sup> April,2024 at **Mahsa University, Selangor, Malaysia** and has submitted a paper titled **“Assessment of Customer Techniques: A Comprehensive Treatise on the Banking Sector”**.

## AI&DS | COURSERA CERTIFICATION

**Mr.S.Senthil Kumar**, Assistant Professor of **AI&DS** has successfully completed a course titled **“Get started with Jira”** offered by Coursera on 06.05.2024.



# AI&DS | FDP ON UPSKILLING FOR THE FUTURE

**KONGU ENGINEERING COLLEGE**  
(Autonomous)  
PERUNDURAI, ERODE - 638 060, TAMIL NADU, INDIA

**DEPARTMENT OF PHYSICS**

*Certificate of Participation*

This is to certify that **S SENTHIL KUMAR** of **SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY** has attended a Five Day National Level Online Faculty Development Program on "Upskilling for the Future" organized by the Department of Physics, Kongu Engineering College, Perundurai, Erode, Tamil Nadu, from April 22-26, 2024.

Coordinator  
Dr.K.Prabu

Chief Coordinator/S&H  
Dr.C.Duraisamy

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PERUNDURAI, ERODE - 638 060, TAMIL NADU, INDIA

**DEPARTMENT OF PHYSICS**

*Certificate of Participation*

This is to certify that **BALAJI K** of **SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY** has attended a Five Day National Level Online Faculty Development Program on "Upskilling for the Future" organized by the Department of Physics, Kongu Engineering College, Perundurai, Erode, Tamil Nadu, from April 22-26, 2024.

Coordinator  
Dr.K.Prabu

Chief Coordinator/S&H  
Dr.C.Duraisamy

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*Certificate of Participation*

This is to certify that **WASIM RAJA A** of **SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY** has attended a Five Day National Level Online Faculty Development Program on "Upskilling for the Future" organized by the Department of Physics, Kongu Engineering College, Perundurai, Erode, Tamil Nadu, from April 22-26, 2024.

Coordinator  
Dr.K.Prabu

Chief Coordinator/S&H  
Dr.C.Duraisamy

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*Certificate of Participation*

This is to certify that **PUGALENDHI G S** of **SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY** has attended a Five Day National Level Online Faculty Development Program on "Upskilling for the Future" organized by the Department of Physics, Kongu Engineering College, Perundurai, Erode, Tamil Nadu, from April 22-26, 2024.

Coordinator  
Dr.K.Prabu

Chief Coordinator/S&H  
Dr.C.Duraisamy

**Mr.S.Senthil Kumar, Mr.K.Balaji, Mr.A.Wasim Raja and Mr.G.S.Pugalendhi**, Assistant Professors of **AI&DS** have attended a five days Faculty Development Program on "Upskilling for the future" organized by Kongu Engineering College from 22.04.2024 to 26.04.2024.

## MCT | NATIONAL LEVEL FDP

**Dr.R.Gopinathan**, Associate Professor and **Dr.S.Dinesh**, Assistant professor of **MCT** have participated in One Week National Level Faculty Development Program on “**Fabrication & Characterization of Novel Fiber Reinforced Polymer Composite for Structural Applications**” organized by the Department of Automation & Robotics, Sandip Institute of Technology and Research Centre, Nashik from 22<sup>nd</sup> to 26<sup>th</sup> April 2024.



## MECH | STTP ON ADANCEMENTS IN ADDITIVE MANUFACTURING

**Dr.R.Soundararajan**, Associate Professor, Department of **Mechanical Engineering**, attended one week Short Term Training Program on **Advancements in Additive Manufacturing** (Hybrid mode) hosted by Sathyabama Institute of Science and Technology, Chennai from 22.04.2204 to 27.04.2024.



## CSE | NPTEL CERTIFICATION



**Kousika N**, Assistant Professor, **Computer Science and Engineering** has been awarded **ELITE** Grade for successfully completing the NPTEL course titled **“Introduction to Automata, Languages and Computation”** with a consolidated score of 85%

## CSE | FACULTY DEVELOPMENT PROGRAM

**Dr. Rasi D**, Professor Computer Science and Engineering has participated in the One week National Level Online Faculty Development Program on **“Outcome Based Education and Application of Generative AI”** in Teaching and Research organized by the **Internal Quality Assurance Cell (IQAC)** of **Gauhati University Assam** in association with **IPSR Solutions Limited** from 17<sup>th</sup> April 2024 to 24<sup>th</sup> April 2024 and has successfully completed all the tasks assignments and assessments and secured **A grade**.





# CONFERENCE PRESENTATION



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## M.TECH CSE | PAPER PRESENTATION



**Mr.J.Senthil**, Assistant Professor, Department of **M.Tech Computer Science and Engineering** has successfully presented a paper in the IEEE International conference on the topic **“An Efficient Investigation of Cloud Computing Security with Machine Learning Algorithm”** at the 7<sup>th</sup> International Conference on Inventive Computation Technologies (ICICT 2024) , held at Tribhuvan University, Nepal, during April 24<sup>th</sup> - 26<sup>th</sup> , 2024.

## IT | CONFERENCE PRESENTATION

**R. Janani**, Assistant Professor, IT has presented a paper titled **“Pothole Alert and Detection with Live Google Maps Integration and Email Report System”** in the 4<sup>th</sup> International Conference on Pervasive Computing and Social Networking from 03.05.2024 to 04-05-2024, Salem, India.



# EEE | CONFERENCE PRESENTATION



Mr.S. Karthikeyan, Assistant Professor, EEE Department along with C.Anush, R.Harikrishnan, S.Dhinesh Balaji &K.Harish, students of Final year EEE have presented and published a paper entitled “**Modeling and Control of Solar Powered BLDC Motor System with PID and Sheppard Taylor Converter**” in the IEEE sponsored 4<sup>th</sup> International Conference on Pervasive Computing and Social Networking (ICPCSN 2024) held at R.P Sarathy Institute of Technology-Salem, from 03-05-2024 to 04-05-2024.



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# EEE | ALUMNI INDUCTION PROGRAMME



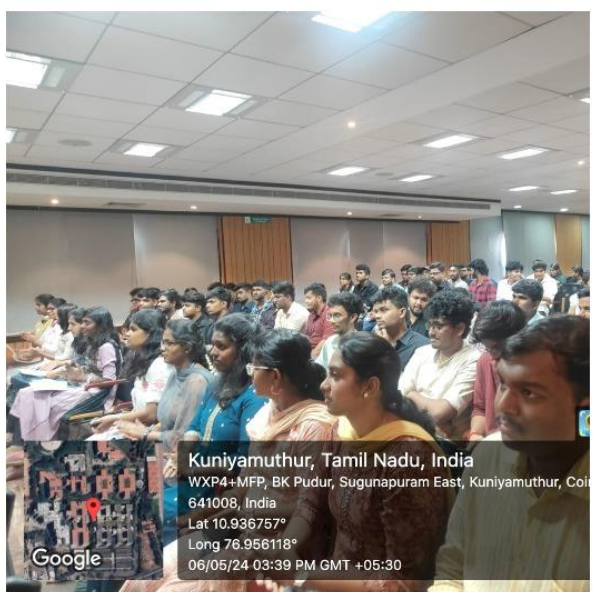
Department of **EEE** has organized an **Alumni Induction Programme** for the Batch 2024 on 08.05.2024. **Ms.ShruthiSudevan**, (2011-2015 Batch Alumnus), Associate Manager - Accenture, Bengaluru and **Mr.S.Thamarai Kannan**, (2001-2005 Batch Alumnus), Secretary - SKCET Alumni Association & Proprietor, Virtual Technologies, Coimbatore were the Chief guests.

## EEE | ALUMNI INDUCTION PROGRAMME



- **Dr.K.C.Ramya**, Head of the Department, **EEE** welcomed the new batch of students to SKCET Alumni Association and underscored the significance for the new alumni to remain connected, engaged and committed to achieve greatness in all their pursuits.
- **Mr.S.Thamarai Kannan** encouraged the alumnus to maintain a strong bond with the alma mater, engage actively with the alumni network, leverage social media for connectivity and nurture a strong community spirit for mutual support and growth.
- **Ms.ShruthiSudevan** emphasized the remarkable journey of SKCET over the past eight years and encouraged others to embrace the mantra: 'Keep dreaming and keep trying'.

# IT | ALUMNI INDUCTION PROGRAMME



Department of IT organized Alumni Induction Program on 06-05-2024 for the 2024 passed out students. **Mr. S. Vignesh**, Chief Executive, TIPCO & TIFCO, encouraged the budding alumni to contribute their time and participate actively in alumni activities and highlighted the importance of alumni meets held both inside the campus and in Chennai and Bangalore chapters.

# MCT | ALUMNI INDUCTION PROGRAMME



Alumni Induction Program was organized for the MCT Batch 2020 - 2024.

## Session Highlights

- **Dr.V.Ragavi**, Dean- Students affairs addressed the students on giving back to the Alma mater and emphasized that self-discipline is the key to success in life.
- **Dr. M. Lydia**, HoD MCT encouraged the students to adapt to new situations in the next phase of life and to be committed in everything they do.
- **Mr.S.Vignesh**, Alumni Secretary, highlighted the comparison of college life & career life. He motivated the students to join in Alma connect and cherish the pleasant memories of college life.

# AI&DS & CIVIL | ALUMNI INDUCTION PROGRAM



Alumni Induction program was organized for the Batch 2020 - 2024 of **AI&DS** and **Civil** students on 7.5.2024.

**Guest:** Mr.S.Vignesh, Chief Executive, TIPCO & TIFCO & Alumni Secretary, Coimbatore.

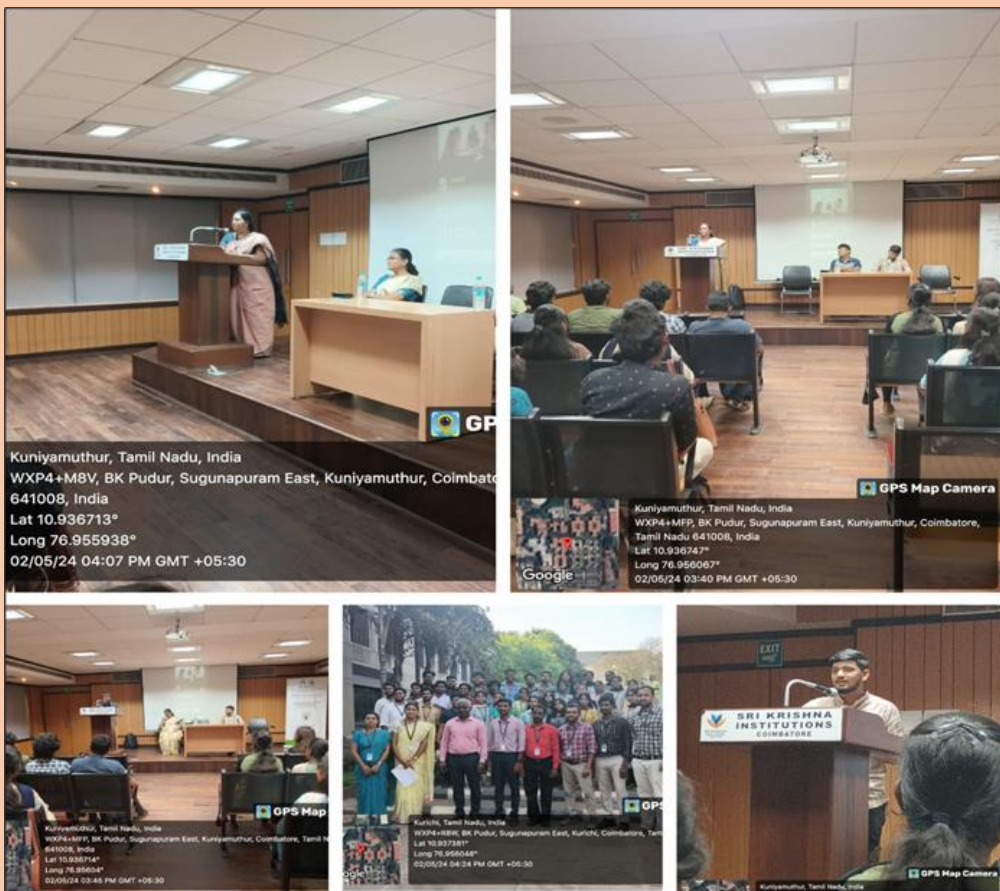
### Session Highlights:

**Dr.V.Ragavi**, Dean - Students affairs reminisce Lifelong learning, giving back to the society, responsibility in shaping the life journey.

**Mr.S.Vignesh**, Alumni Secretary, motivated the students to stay engaged with the Institution, join alumni chapter, connect through social media and foster a strong sense of community and support network.



# CSBS | ALUMNI INDUCTION PROGRAMME



Department of Computer Science and Business Systems organized the Alumni Interaction for the Batch 2024.

## Chief Guest:

1. Mr.Santhosh R, (Alumni 2019-2023 Batch) Director, Lavincita Life Sciences Private Limited, Coimbatore
2. Mr.S.Thamarai Kannan - Proprietor, Virtual Technologies, Coimbatore Consultant, D'Source, Coimbatore.

## Highlights of the Session:

- **Dr.S.Sophia**, Principal Incharge, gave insights about the department and shared valuable advice.
- **Dr.V.Ragavi**, Dean of student affairs inspired alumni to strive for their utmost potential and become the best versions of themselves.
- **Mr.Santhosh** addressed the gathering about placements and entrepreneurship.



# CREATIVE CORNER



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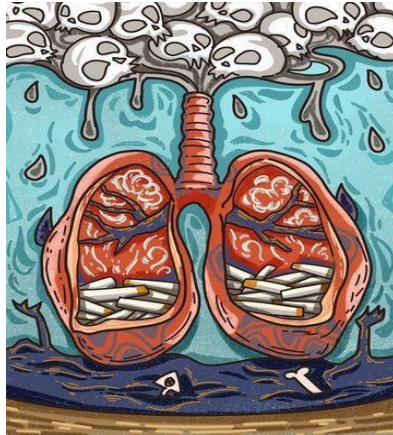


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## ECE | WORLD ASTHMA DAY - 2024

The first Tuesday of May of every year is being celebrated as the World Asthma day.



### THINGS THAT TRIGGER ASTHMA:

**Tobacco Smoke** - Smoking can worsen asthma symptoms and increase the risk of asthma attacks. Secondhand smoke is also harmful to people with asthma. Ensure that your home and car are smoke-free environments. Encourage household members who smoke to quit, and ask them to smoke away from you.

**Dust Mites** - Use mattress and pillow covers that are specifically designed to block dust mites. Down-filled pillows, quilts, and comforters can harbor dust mites. Wash your bedding, including sheets and pillowcases, weekly in hot water and dry them completely. Use a vacuum cleaner equipped with a HEPA filter to reduce dust mites in carpets, area rugs and floors. Keep the humidity levels in your home between 30-50% to discourage dust mites. Use a dehumidifier if necessary.

**Outdoor Air Pollution** - Pay attention to air quality forecasts and avoid outdoor activities during times of high pollution. Stay indoors when pollution levels are high, especially during peak traffic times or when there are nearby wildfires.

## ECE | WORLD ASTHMA DAY - 2024

**Pests** - Clean up spills promptly, store food in airtight containers, and keep trash in closed containers. Sweep, vacuum, and mop floors regularly to remove crumbs and food residues that attract pests. Seal any cracks or openings in walls, floors, and around pipes to prevent pests from entering. Use baits and traps in areas where pests are a problem, following the manufacturer's instructions carefully.

**Pets** - Create pet-free zones, especially in bedrooms, to reduce exposure to pet dander. Bathe pets regularly to reduce dander. Use allergen-proof covers on mattresses and pillows. Consider using an air purifier with a HEPA filter to help remove pet allergens from the air.

**Mould**- Fix leaks promptly, use exhaust fans in bathrooms and kitchens, and keep indoor humidity levels low. Scrub mould off hard surfaces with detergent and water, then dry completely. Dispose of absorbent materials like ceiling tiles or carpet if mouldy. Use a dehumidifier to maintain indoor humidity levels below 50% to inhibit mould growth.

**Disinfectants** - Use cleaners and disinfectants sparingly to avoid triggering asthma symptoms. Follow a cleaning schedule to prevent overuse. Opt for cleaning products that are less likely to trigger asthma. Look for products labelled as asthma-friendly or eco-friendly.

**Physical exercise** - If outdoor air quality is poor, consider indoor exercise options such as gym workouts, yoga, or indoor swimming. Before and after exercise, take time to warm up and cool down to help prevent asthma symptoms. Use your rescue inhaler before exercise if recommended by your doctor to prevent exercise-induced asthma symptoms.

**SAHANA SREE S**

**III-ECE-B**

## ECE | WORLD PASSWORD DAY - 2024

Password day is celebrated globally by first Thursday in the month of May. World Password Day aims to remind internet users of the importance of online security. It is considered as a day to promote better password habits and cybersecurity awareness. Here is an article representing how well we should protect our password and keep our digital assets safer.

For World Password Day 2024, Cyber Magazine shares some of the most important strategies for businesses to protect their information from threat actors.

We know that the world password day aims to raise awareness about the importance of password security, evolving threats and best practices for organisations and individuals to follow. With cybersecurity risks continuing to rise, more businesses are being irreversibly impacted by data breaches or cyberattacks.

As a result, passwords increasingly need to be supplemented with additional layers of security to be effective.

“We can no longer rely on passwords alone to maintain good cybersecurity hygiene in organisations,”. “Bad actors are skilled at using brute force to decode passwords and breach systems.”

With this in mind, here are some of the leading ways that organisations around the world can work to protect themselves, their data and their business operations moving forward.

## ECE | WORLD PASSWORD DAY - 2024

### 1. Make your passwords more complex

Avoid repeating the same password for different services as, if someone guesses it, they would have the ability to hack more than one platform and compromise more sensitive data.

### 2. Human Risk Management (HRM) platform

A HRM platform refers to solutions that manage and reduce cybersecurity risks posed by and to humans. Forrester describes this process as detecting and measuring human security behaviours and quantifying the human risk, in addition to initiating policy and training interventions based on the human risk.

### 3. Facial recognition

It has been found that consumers will accept a longer sign-up process if it results in better personal data protection. As the cyber risk landscape continues to develop, these tools are becoming more important - particularly when considering password theft.

### 4. Biometrics

Supplementing password protection with newer innovations such as biometric technology can help support users to better protect their online identity. Biometrics are one of the more secure methods for protecting online accounts and information. As it is unique to an individual, it is harder to steal and cannot be forgotten, much like a password can.

**MADHURA N**

**III ECE B**

## ECE | CREATIVE CORNER



**MADHANGIDEVI K**  
**III ECE - B**

## CIVIL | LITERARY CORNER

### *An Aesthete's Crave*

**Just a piece of paper with no Boundaries,  
Mind escorted by Craziness,  
Palette scattered with Copious Shades,  
Heart filled with Summit Tranquility,  
Crate jammed by Art supplies,  
Soul held with Serenity,  
Hand dumped with Filthiness,  
And Life integrated with Nature,  
Is enough,  
And Yes! It's more than Adequate**

- RP

**R RAGAPRIYA  
I CIVIL**



## IT | CREATIVE CORNER



**Viswak G R**  
**II IT C**

## CIVIL | CREATIVE CORNER



**RIDDHI RESHMI R**  
**I CIVIL**