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INSIDE THE ISSUE

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STUDENTS PROGRESSION

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CSBS | NAMMA YATRI OPEN MOBILITY CHALLENGE

Namma Yatri - Bangalore Open Mobiliy Challenge - Winners

Question/Prize		Name
Grand Prize Winners		
a	Winner	Gurkeerat Singh
b	Runner Up	ViNod Birader, Nishan B, Sumit Mishra
c	Runner Up	Ajinkya Kulkarni, Kaashvi Batra, Adarsh Pal
Track/Question wise Winners		
	Track 1: Driver Empowerment	
1	Q1.1 Problem Statement 1: Driver Earnings Improvement	
a	Winner	Urgian Padma
b	Honorary mentions	C A Anusha
c	Honorary mentions	Varshath Gupta S
d	Honorary mentions	Jigyasa Gupta, Rahul Jagwani, Pratham Shukla
e	Honorary mentions	Bhoogarv Maheshwary, Kunal Kabra, Raj Kumar
2	Q1.2 Problem Statement 2: Financial Well-being of Drivers	
a	Winner	Joel Johnson
b	Honorary mentions	Rajan Paswan
3	Q1.3 Problem Statement 3: Skill Development	
a	Winner	Aditya Raj
b	Honorary mentions	S.S. Kalai Selvi
c	Honorary mentions	Anannya Chuli
	Track 2: Future of Mobility	
1	Q2.1 Problem Statement 1: Multi Modal Transportation	
a	Winner	Aniruddha Sengupta
b	Honorary mentions	Trijeet Modak
c	Honorary mentions	Shivam Agrawal, Harshit shah, Sagar Agrawal
2	Q2.2 Problem Statement 2: Smart Batching	
a	Winner	Sumeetsingh Punjabi, Ayush, Yesha
b	Honorary mentions	Shambhavi Rai
c	Honorary mentions	Darshan N
d	Honorary mentions	Ankit Kumar, Nitesh Kumar, Sahil Gupta
3	Q2.3 Problem Statement 3: Bengaluru Open Issues	
a	Winner	Tandrima Singha , Meha Shukla , Bhaswati Roy
b	Honorary mentions	Shruti Tripathi
	Track 3: Namma Yatri	
1	Q3.1 Problem Statement 1: Map Cost Improvements	
a	Winner	Harsh Gupta, Sahana Gowda

Namma Yatri - Bangalore Open Mobiliy Challeng

Question/Prize		Name
b	Honorary mentions	Sagar Kumar Indra Jha
c		Deepak Kumar
2	Q3.2 Problem Statement 2: Booking Without App	
a	Winner	Harmanjit Singh
b	Honorary mentions	Rakhul K R
c	Honorary mentions	Apoorva
d	Honorary mentions	Chirag Hegde
e	Honorary mentions	Ijaz Ahmed V A Jegannath R
f	Honorary mentions	Josh K Joby, Mansoor Ahmed
g	Honorary mentions	Shreyash Halge, Darshan Bhandari, Adi
h	Honorary mentions	Niharika Rathore
I	Honorary mentions	Udeshya Raj
3	Q3.3 Problem Statement 3: Customer Acquisition	
a	Winner	Vishal Vishwanathan
b	Honorary mentions	Sandhya Barathi
c	Honorary mentions	Mayank kumar
d	Honorary mentions	Ramya Talatam
e	Honorary mentions	Ojasvi Agrawal
f	Honorary mentions	Shantanu Singh
4	Q3.4 Problem Statement 4: User Frequency & Retention	
a	Winner	Khubaib Ahmad
b	Honorary mentions	Laksha Ahuja

Second year student team of **Computer Science and Business Systems** has given an honorary mention in the **Customer Acquisition track of the Namma Yatri Open Mobility Challenge**. The Namma Yatri Open Mobility Challenge is a prestigious event that aims to promote and explore innovative solutions in the field of customer acquisition for mobility services.

The team has also received Amazon gift voucher worth **Rs.5000** for team's outstanding efforts in developing a comprehensive customer acquisition plan which took place from 30th March to 30th April 2023.
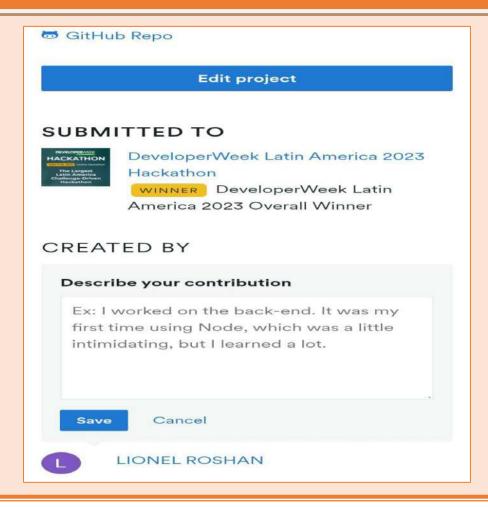
Team Members:

- Sandhya Barathi K, CSBS
- Sri Subiksha T, CSBS
- Harishma R, ECE

Mentor: Dr.G.Ignisha Rajathi, Associate Professor, CSBS
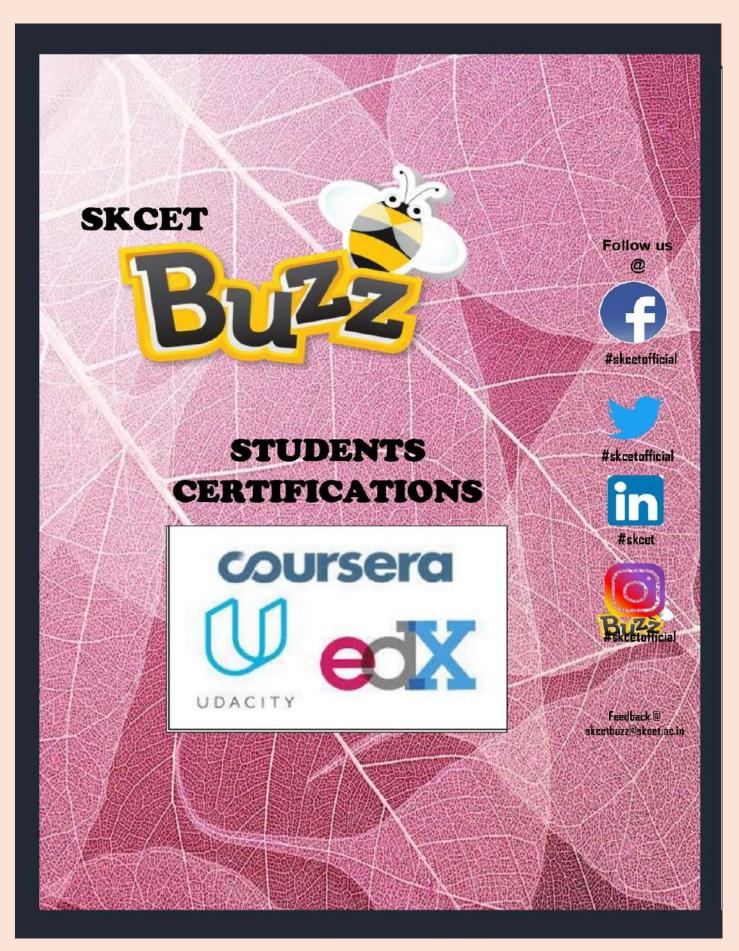
CSBS | DEVELOPER WEEK LATIN AMERICA HACKATHON

P Lionel Roshan, student of **Second** year **CSBS** has been recognized as the **overall Winner of Developer Week Latin America Hackathon - the Largest Latin America Challenge-Driven Hackathon** and has received a cash reward of **$14,500.** This Hackathon was conducted by Devpost Online Platform for Hackathons.

Mentors:

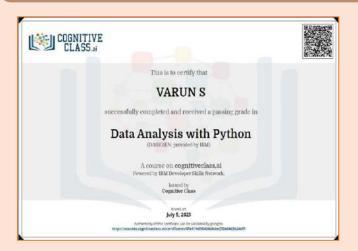- **Dr.S.Balakrishnan, HOD-CSBS,**
- **Dr.G.Ignisha Rajathi, Asso. Prof, CSBS**

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CSBS | DATA ANALYSIS WITH PYTHON

Varun.S of IV Year Computer Science and Business Systems have completed and received a passing grade in **" Data Analysis With Python",** a course on cognitive class.ai powered by IBM Developer Skills Network on 05.07.2023.

WRITE IT RIGHT

LAWYER

Lawyers are legal professionals who are trained in the law. Such professionals might offer legal guidance to another, or might not.

Examples

- Her <u>lawyer</u> made a statement outside the court.
- We employed a <u>lawyer</u> to straighten our legal tangle.
- Have you consulted your <u>lawyer</u> about this?
- I advise you to withdraw your allegation before I contact my <u>lawyer</u>.
- He was the only <u>lawyer</u> who would touch the case.

ATTORNEY

Attorneys are also lawyers. They are people who attend law school and presumably wish to practice law as a legal professional, pursuing it as a profession.

Examples

- She was made her father's <u>attorney</u> when he became ill.
- As an <u>attorney</u>, he represented the poor free of charge.
- <u>Attorney</u> Robert Rivas answers yes to both questions.
- The car seller agreed to escrow the sum of $2000 with her <u>attorney</u>.
- In November, the millwrights' local voted to hire me as their <u>attorney</u>.

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EVENTS

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CIVIL | GUEST LECTURE ON AN OVERVIEW OF HIGHER EDUCATION IN ABROAD & IELTS EXAMINATION

Higher Education Cell of **Civil Engineering Department** organised a Guest lecture on **"An Overview of Higher Education in Abroad & IELTS Examination"** for the **Final** year Civil Engineering students on 5th July 2023. The resource person was **Mr.Dinesh Kumar**, Marketing Manager, IDP Education India Pvt Ltd, Coimbatore.

Session Takeaways:

- Career Opportunities available for Civil Engineers in Abroad
- Process available to get admission in foreign universities
- Advantage of IELTS examination
- Scope for Civil Engineering graduates in various countries.

MECH | OUTREACH ACTIVITY AT GOVERNMENT SCHOOL

Institution's Innovation Council (IIC) of SKCET in association with the Society of **Automotive Engineers India Collegiate Club** of the Department of **Mechanical Engineering** conducted a **"Workshop on Nurturing Innovation: Facilitating an Orientation-Cum-Mentoring Session for ATL Schools"** for the students of Government Higher Secondary School, Othakalmandabam, Coimbatore on 7th July 2023.

The outreach activity aimed to educate the young minds on the below mentioned topics:

- Automotive Products
- 3D printing
- Electric vehicles
- Smart vehicles
- Automobile Innovations

Around 30 school students actively participated in the event and our team was appreciated by the school head master and teachers for conducting an eye opening session.

EEE | TRAINING SESSION E- KART CLUB

To encourage innovation and give student's access to cutting-edge information the E-Kart Club of **Electrical and Electronics Engineering** organized a dynamic training session on **"Designing of Solid Parts for Electric Vehicles (EVs) using Solid Works"** on 07-07-2023. The session was conducted exclusively for the **Third** and **Second** year students. provided a remarkable opportunity for the young minds to explore the realm of sustainable transportation and gain hands-on experience in the field.

SKCET SOM – STUDENT PROGRESSION | VISTA 2023 | IIM B

SKCET - SOM with a team of 45 students attended the **Vista 2023 at IIM Bangalore's International Business Summit** under the guidance of **Mr. C. Boopathy,** Assistant Professor from **7th to 9th July 2023.** Delegates from IITs, IIMs, and other esteemed universities across India presided over the session. SKCET was the only institution to attend the event from Tamil Nadu.

SKCET SOM – STUDENT PROGRESSION | VISTA 2023 | IIM B

Mr.C.Boopathy, Assistant Professor along with 45 students attended the **Vista 2023** at IIM Bangalore's International Business Summit from 7th to 9th July 2023.
Session Takeaways:

- It created an atmosphere for networking and learning between experts, business people, academics, and students from multiple countries and fields.
- The summit equipped participants with a number of opportunities to grow their knowledge, abilities, and competences in the areas of innovation, sustainability, leadership, and social impact.
- Students gained insight on the success stories of the speakers and panelists who have attained greatness in their various industries and it has allowed us to comprehend the current trends, issues and opportunities in the global business climate.
- It provided a fantastic setting for networking and developing connections with possible partners, customers, investors, and mentors from other nations and business sectors.
- It has aided in the discovery of fresh concepts and chances for innovation and expansion on a global scale.

08th - 14th JULY 2023

CSBS| INDUSTRY INTERACTION

Student team from the **Department of Computer Science and Business Systems**, which got selected for the **National level prestigious KAVACH Hackathon 2023**, had an interactive Mentoring session with **Mr.M.Maharaj, Blockchain & Cybersecurity Consultant, BCBUZZ Technologies Private Limited,** Coimbatore on 07.07.2023.The students presented their ideas for the proposed solution to the corporate expert. The expert revitalized the ideation with different aspects of the real time scenarios and shared insights towards higher versions of technical feasibility and Business viability which ensures users desirability.

EEE | SEMINAR - INSIGHTS ON ENTREPRENEURSHIP AND STARTUP - EXPERIENCE AND CHALLENGES

IIC of SKCET in association with the Department of **Electrical Electronics and Engineering** organized a Seminar Talk series on **'Insights on Entrepreneurship and Startup'** - **Experience and Challenges** for the Third year EEE students on 12.07.2023.

Day 1: Session 1 - Entrepreneurship - Experience and Challenges

Resource Person: Mr. T. U. Vishnu, Founder & CEO, Machenn Solutions, Coimbatore.

Session Highlights:

- Business ideas and problem-solving strategies to satisfy the customer as Entrepreneur.
- Identifying best solution for the market problem statement.
- Planning and converting ideas into sustainable business.
- Identifying the best team.
- Legal aspects, regulations and requirement of IPR.

EEE | SEMINAR ON INSIGHTS ON ENTREPRENEURSHIP AND STARTUP - EXPERIENCE AND CHALLENGES

Day 1: Session 2

Key Challenges in Strategic Startup Communications and Solutions

Resource Person:

Mr. T. U. Vishnu, Founder & CEO, Machenn Solutions,Coimbatore.

Session Highlights:

- Startup funds Opportunities.
- Review on mistakes to avoid failure in startup.
- Steps to build business with scalablity and reliability.
- Case study.

EEE | SEMINAR ON INSIGHTS ON ENTREPRENEURSHIP AND STARTUP - EXPERIENCE AND CHALLENGES

IIC of SKCET in association with Department of **Electrical and Electronics Engineering** organized a session on **'Converting Innovation into Startup'** for III EEE Students on 11.07.2023 at MCA Seminar Hall.

Resource Person: Mr. S.Shameer, Founder, IT Projects Marketing and Communication, Coimbatore.

Session Focus:

- Startup ideas to solve unique specific problem.
- Best Technology Practices for Successful Startup.
- Startup stages and lifecycle.
- Identifying the best solution to avoid duplicacy in startups.
- Funding possibilities for startups.
- Startup Technology linked with Sustainable Goals.

M.Tech. CSE | PENCIL SKETCHING

Department of **M.Tech. CSE** organized **"Pencil Sketching"** event for the students on 27.06.2023 as a part of NSS and USVA activity. The aim of this contest was to help students recognize and appreciate the important role played by their Fathers in human life. Students from various departments participated and displayed their best artistic impression.

Theme: Fathers Day

Name of the Students:

- Harsha Varthini N S IV M.Tech. CSE
- Balasubramani VS III AI&DS
- Harini B III MTech. CSE

ECE | ASSOCIATION INAUGURATION-ALPHERON 2K23

Alpheron 2K23 – Association of ECE was inaugurated and also organized a seminar on **"Exploring the Crucial Components of security operational platforms"** for Third year ECE students. The Resource person for the event was **Mr. Vignesh Mohan**, Technical Manager-Security practice, Datacipher Solutions Pvt Ltd, Hyderabad.

Session Highlights:
- Introduction to network security
- Cyber attack lifecycle
- Exploits and Malware

MECH| INDUSTRIAL VISIT TO INDOSHELL CASTING FOUNDRY

First year students of Mechanical Engineering Department visited Indoshell Casting Foundry Industry on 11.07.23. The students were exposed to Importance of casting and foundry industries, Metal melting techniques, Shell mould making process, Fettling machine operations and Metal cutting operations using VMC and HMC. The students were accompanied by the faculty members of the department.

MECH | Ph.D VIVA VOCE

Mr. P. Devendran, Research scholar of **Dr. P. Ashoka Varthanan**, HoD - Mechanical Engineering has completed his viva voce examination for his Doctoral degree on 11.07.2023. The examiners appreciated the scholar and supervisor for their extensive research work. The area of interest of the scholar was Metal Inert Gas welding.

S&H | FACULTY EXTRAMURAL LECTURE

Extramural Lecture Series was organized by the **Department of Science and Humanities**. **Dr. J. Jayaprakash,** Assistant Professor, **S&H** handled the session on the topic "**Financial Management.**" The lecture focused on the key principles and strategies for maximizing efficiency and ensuring long-term financial viability.

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EEE | TESTIMONIAL BY PLACED STUDENTS

Firstly, I would like to express my heartfelt gratitude to the Sri Krishna Family. I would also like to extend my regards and thanks to the professors of my department who played an integral part for my success. I am privileged to be a part of the SKCET family. The management provided us with excellent placement training programs and numerous campus interview opportunities. "There is only one difference between Dream and Aim. Dream requires effortless sleep and Aim requires sleepless efforts". I can say that SKCET has been the best part of my life and I admire the support and dedication I received from the management and my EEE department. We were well trained for placements and because of the training I got placed in CTS. I genuinely thank all my friends professors who made my college life a happy one.

GOWTHAMKUMAR K S
EEE (2023 Batch)
CTS

TESTIMONIAL BY PLACED STUDENTS

I am **ADHIRA M** and am a passed out of Mechatronics Engineering of 2023. It was my immense luck and fortune to be a part of SKCET. I have established my leadership, interpersonal skills, team skills and various other skills and have also been able to advance to the whole new augment level. My four years at SKCET was full of learning and grooming oneself. It gave me an opportunity to meet different kind of people and had a lot of memorable experiences. The relationship between faculty members and student is very cordial, which gave me an opportunity to choose my area of interest. The regular guidance of placement cell also encouraged me to excel in my interview and developed skills that are required for future use. I would like to thank the management, Principal and the entire SKCET family for providing various opportunities and creating a sense of confidence to face the challenges and turbulence in life.

**ADHIRA M, MCT (2023 BATCH),
L&T INFOTECH**

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R&D | JOURNAL PUBLICATION | CIVIL

Dr.P.Saravanakumar, Professor and Head, Department of **Civil Engineering**, has published a research article titled **"Innovative Method for Earthquake prediction system using Hybrid Convolutional Neural Network and SVM"** in the IEEE Xplore Proceedings.

R&D | JOURNAL PUBLICATION | MECH

Dr.R.Soundararajan, Associate Professor, **Mech** has published a scientific article entitled **"Evolution of tribological performance of polypropylene with carbon fiber composites fabricated through FDM technology by varying infill density"** in Journal of the Institution of Engineers (India): Series D. It is SCOPUS Indexed Journal with Impact Factor 0.257.

CSBS | PATENT GRANT

Dr.S.Balakrishnan, Professor and Head, Department of **CSBS** has received **Indian Design Patent Grant titled "IOT Based Robot for Air Conditioner Duct Cleaning"** with the Design **Number 383232-001 from the Government of India on 11.07.2023**
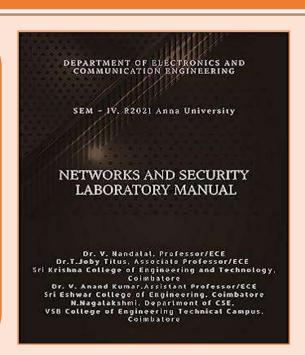
R&D | JOURNAL PUBLICATION | IT

Dr. S. Deepa Kanmani, Associate Professor, **IT** has published an article titled "**GIT-Net: An Ensemble Deep Learning-Based GI Tract Classification of Endoscopic Images**" in the Journal of Bio engineering (MDPI). It is a SCI Indexed Journal with an Impact factor of 4.6.
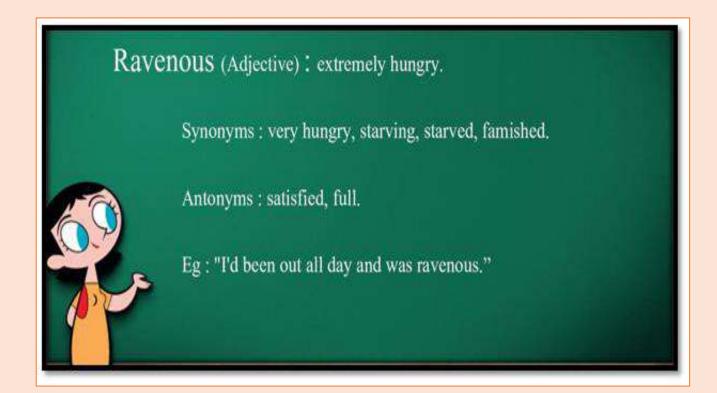
ECE | FACULTY BOOK PUBLICATION

"Networks and Security Laboratory Manual" has been published by **Dr. V. Nandalal,** Professor, ECE, and **Dr. T. Joby Titus**, Associate Professor, **ECE**, under the publisher Notion Press (7 July 2023). The manual is identified by the ISBN-13: 979-8890666529.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SEM – IV, R2021 Anna University

NETWORKS AND SECURITY LABORATORY MANUAL

Dr. V. Nandalal, Professor/ECE
Dr.T.Joby Titus, Associate Professor/ECE
Sri Krishna College of Engineering and Technology,
Coimbatore
Dr. V. Anand Kumar,Assistant Professor/ECE
Sri Eshwar College of Engineering, Coimbatore
N.Nagalakshmi, Department of CSE,
VSB College of Engineering Technical Campus,
Coimbatore

WORD OF THE WEEK

Ravenous (Adjective) : extremely hungry.

Synonyms : very hungry, starving, starved, famished.

Antonyms : satisfied, full.

Eg : "I'd been out all day and was ravenous."

08th - 14th JULY 2023 | Weekly Newsletter

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CSE | FACUTY CERTIFICATION

Ms.N.Pooranam, Assistant Professor, **Ms.S.Biruntha**, Assistant Professor, Department of **CSE** have participated in the three days FDP on "**Machine Learning in Healthcare: State of the Art, challenges and Future Directions**" organized by Koneru Lakshmaiah Education Foundation ,Telangana.

CSE| EMERGING TRENDS IN INFORMATION TECHNOLOGY

Mr.M.Vengateshwaran, Assistant Professor, Department of **CSE** has participated in the five days FDP on "**Emerging Trends in Information Technology**" organized by Hindusthan College of Engineering and Technology, Coimbatore.

AI&DS | AICTE TEACHERS TRAINING PROGRAM

Mr.S.Senthil Kumar & Mr.G.S Pugalendhi Assistant Professor of **AI&DS** has participated and completed one week AICTE-VTU Joint Teachers Training Programme on **"Introduction to python programming & its Applications"** from 19th to 23rd June 2023.
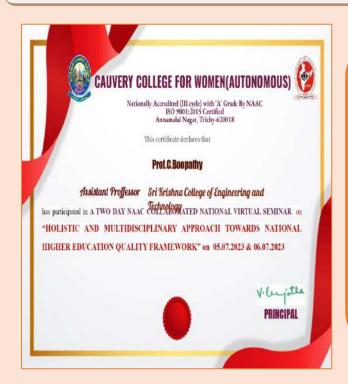
AI&DS | FDP CERTIFICATION

Dr.T.Sujatha , Associate Professor, **Mr.K.Balaji and Mr.A.Wasim Raja,** Assistant Professor of **AI&DS** had participated in the Three Day National Level FDP on **"Machine Learning in Healthcare:State of the Art, Challenges and Future Directions"** held on 3rd – 5th July 2023.
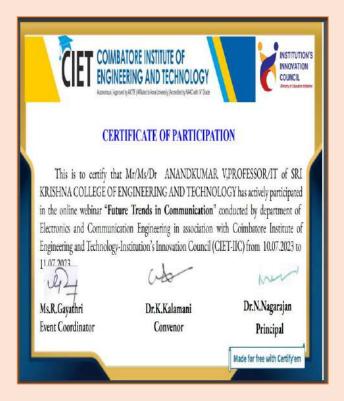
SOM | VIRTUAL SEMINAR

Mr.C.Boopathy, Assistant Professor attended 2 days NAAC Collaborated National Virtual Seminar on **"Holistic and Multidisciplinary Approach towards National Higher Education Quality Framework"** from 5th to 6th July 2023 organized by Cauvery College for Women, Trichy.

IT | FUTURE TRENDS IN COMMUNICATION

Dr.V.Anand Kumar , Professor, **IT** has attended a webinar on **"Future Trends in Communication"** conducted by the Department of ECE ,Coimbatore Institute of Engineering and Technology from 10.07.2023 to 11.07.2023.

M.Tech. CSE |FACULTY FDP CERTIFICATION

Dr. D.Prabha, and Dr. A. Pushpalatha, faculty members, Department of **M.Tech Computer Science and Engineering** have participated in Five days FDP on "**Emerging Trends in Information Technology**" organized by Department of Information Technology, Hindusthan College of Engineering and Technology, Coimbatore from 26.06.2023 to 30.06.2023.

M.Tech. CSE |FACULTY CERTIFICATION

Ms. T Dureen V Rayen, Assistant Professor, Department of **M.Tech Computer Science and Engineering** has participated in a One-Day Workshop on "**Research Methodology for Academic Excellence**" organized by Hindusthan College of Engineering and Technology on June 26, 2023.
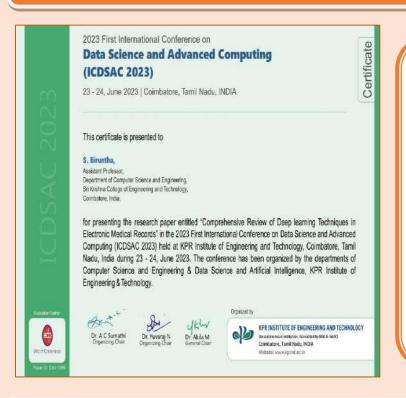
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CSE | CONFERENCE PRESENTATION

Ms.S.Biruntha, Assistant Professor, Department of **CSE** has Presented a paper titled "**Comprehensive Review of Deep learning Techniques in Electronic Medical Records**" in the 2023 First International Conference on Data Science and Advanced Computing (ICDSAC 2023) held at KPR Institute of Engineering and Technology, Coimbatore.

CSBS | CONFERENCE PRESENTATION

Dr.S.Balakrishnan, Professor and Head , Department of **CSBS** and **Mr.I.Anantraj** Assistant Professor – CSBS have presented a paper titled **"Hyperband Boost: Revolutionizing Hybrid Soft Computing through Hyperparameter Optimization"** in the Eighth National Conference on Innovations and Advancements in Electrical Sciences- NCIAES 23 held virtually at the Department of Electrical and Electronics Engineering, KPR Institute of Engineering and Technology, Coimbatore on 30.6.2023.

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ALUMINI CORNER

ALUMNI

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SKCET | ALUMNI INTERACTION

Mr.Keerthirajan,(2018-2022 Batch)Software Architect, ZOHO Corporation, Chennai, alumnus of Department of **Computer Science Engineering** organized an interactive session with his juniors on 10.07.2023.

He motivated the Third year students to participate in the hackathons. He has shared his hackathon experiences, interview and internship experiences with the students. He also outlined the methodologies and technology stack, which he had applied in the coding competitions. It was an interactive session, where the students had raised their queries related to coding platforms such as LeetCode, CodeChef and CodeForces.com.

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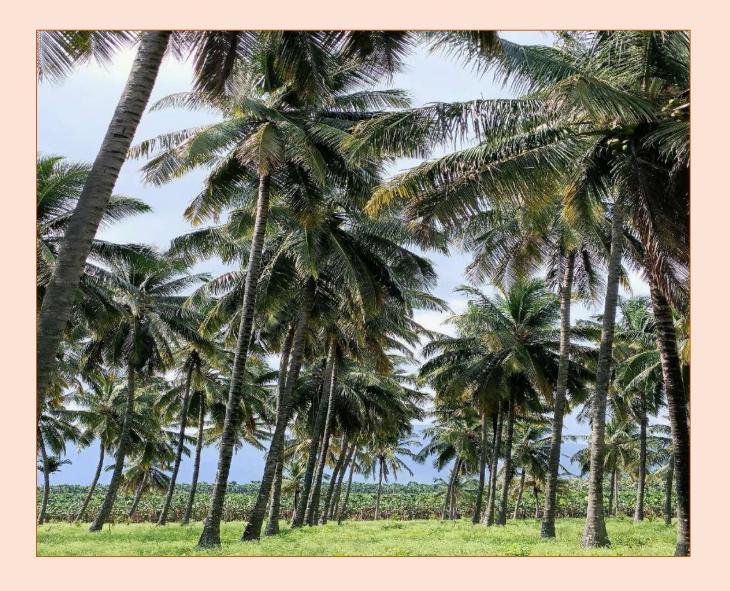08th - 14th JULY 2023 | Weekly Newsletter

MECH | CREATIVE CORNER

Dr.S.Karthik,

Assistant Professor

Mechanical Engineering

EEE | NATURE CLICK

Surjith Surya.V

IV Year EEE B

ECE | ARTIFICIAL INTELLIGENCE: A TECHNICAL EXPLORATION OF ITS RECENT BREAKOUT

Artificial Intelligence (AI) has experienced a monumental breakthrough, propelling it to the forefront of technological advancement. This rapidly evolving field has revolutionized industries and reshaped our world through intelligent machines and algorithms. In healthcare, AI analyzes vast amounts of medical data to aid in early disease detection, accurate diagnosis, and optimized treatment planning. Machine learning models leverage this data to predict patient outcomes, improving precision and healthcare delivery.

AI has permeated various domains, transforming human interaction with technology. Natural Language Processing (NLP) enables machines to comprehend human language, resulting in voice assistants, chatbots, and advanced language translation systems. These advancements enhance efficiency and personalize customer service. Transportation is undergoing a disruptive revolution with self-driving cars, powered by computer vision and machine learning. These vehicles navigate roads autonomously, leveraging real-time data for safer and more efficient journeys. The fusion of AI and transportation promises to revolutionize urban mobility, reducing congestion and accidents. Finance has embraced AI's breakthrough, with algorithms analyzing vast financial data for insights and predicting market trends. Trading bots execute trades swiftly and accurately, minimizing errors and maximizing profitability. AI-powered fraud detection systems enhance security, detecting anomalies and preventing fraudulent activities. Entertainment and media industries witness AI's impact through personalized content recommendations on streaming platforms. AI-generated music, artwork, and scripts amplify creative possibilities. Virtual reality experiences, powered by AI, create immersive environments blurring physical and virtual boundaries. Despite AI's achievements, ethical considerations around privacy, bias, and transparency require attention. Addressing these challenges ensures responsible and equitable deployment, guarding against unintended consequences.In conclusion, AI's recent breakout has transformed industries, empowering sectors such as healthcare, transportation, finance, and entertainment. By addressing ethical and technical challenges, we unlock AI's full potential, where intelligent machines augment human capabilities and drive innovation. AI's recent breakthrough is just the beginning of an exciting journey that will continue to shape and revolutionize our world.

Kathir K S
727721EUEC070
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