SKCET Buzz

5th - 11th AUGUST 2023

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INSTITUTIONAL EVENTS

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SKCET | MOU WITH MAXBYTE TECHNOLOGIES

SKCET signed MoU with **Maxbyte Technologies** for Center of Excellence in Industry 4.0. Our beloved Principal Madam **Dr.J.Janet** exchanged MoU with **Mr.C.S.Ramshankar**, Chief Executive Officer, Maxbyte Technologies and **Mr.Surendran**, Chief Autonomous Officer, Maxbyte Technologies.

MoU Highlights:

- Lab setup for Data analytics and Cloud computing
- Industry 4.0 using Robotics and Automation
- Industrial training and certification for faculty members and students
- Patent filing

M.TECH CSE | FDP ON SERVICE NOW APPLICATION DEVELOPER

Nine Days Faculty Development Program on **"Service Now Application Developer Certification"** was inaugurated by our Principal Madam **Dr. J. Janet** on 03.08.2023.

Day 1: Session Highlights:

Fundamentals of the service Portal and the tools required to develop and build portals, essential skills required for ServiceNow developers and benefits of certifications.

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CSBS| KAVACH 2023

The promising student team of **CSBS** have emerged as winners with a cash reward of **Rs. 1,00,000**/- in Kavach 2023 - a National level Cybersecurity Hackathon, to envision ideas and frameworks. Amidst a sea of exceptional projects, the team captivated the panel of esteemed judges with their ingenious solutions to the problem statement "**Advanced Fake News Detection".** Our students have set a foot print battling a tough competition with 3,900 teams across the country.

PS ID: KVH-003

Team name: Fresh Spar

Team Members :

1.Manojkumar C (Team Leader) - III CSBS, Vishal Chinnasamy - III CSBS, Sasidharan R - III CSBS, Sandhya Barathi K - III CSBS, Sri Subiksha T - III CSBS, Yogeeshwaran G - I CSBS

Team Mentors:

Dr.S.Balakrishnan, HOD-CSBS, Dr.Ignisha Rajathi, Associate Professor-CSBS

CSE | KAVACH 2023

Department of **Computer Science and Engineering** feel exhilarated to share that two vibrant student teams from CSE have marked an impact by presenting a revolutionary solution for the provided problem statements in Kavach 2023 - a National level Cybersecurity Hackathon, to envision ideas and frameworks. The winning team has been awarded with a cash reward of **Rs 1,00,000/.** It's indeed great that our students have set a foot print battling a tough competition with 3,900 teams across the country.

Team Name: Cookie Bytes

PS ID: KVH-003

Problem Statement: Advanced Fake News Detection

Team Members

Rithik Raj K S- III CSE, Jason Jose P- IV CSE, Johans Olivia A- IV CSE, Mrinalini K- III CSE, Siddhesh Agarwal- III CSE, Swamy Prasanna S J- III IT

Team Mentors

Dr. S.Oswalt Manoj, AP/ CSE, Ms. A. Priya, AP/ CSE, Mr. B.Shameer- Alumni 2022 Batch

CSE | KAVACH 2023

Department of **CSE** super ecstatic to share that a team from CSE has secured **runner up position** showcasing their commitment to excellence at Kavach 2023- National level Hackathon organized by Innovation Cell of AICTE along with Bureau of Police Research and Development and Indian Cybercrime Coordination Centre held during August 8-10,2023. Our team left an indelible footprint amidst a challenging contest. The Mentors and the Juries applauded the unparalleled quality of the work and the team effort.

Runner up team:
Team Name: Cyber Core
PS ID: KVH-018
Problem Statement: Plug and Play System
Team Members

- Prithika Andrea Angelina F - III CSE
- Nagasundar N- III CSE
- Sneha Jaharthanan- III CSE
- Mohana Rasad- I CSE
- Maginesh- I CSE
- Mark Felix - I CSE

Team Mentors
Dr. V.K. Reshma, AP/ CSE, Dr.M.Rohini, AP/ CSE

CSBS| CUBETHON 2023

Student Tech Enthusiasts from the Department of **Computer Science and Business Systems** have participated in **CUBETHON 2023** the second edition of Kerala's biggest student hackathon on 5th August 2023 at Cochin on the theme **"Bridging the Gap from College to Business."**

The event aimed to foster entrepreneurial skills among students and empower them to transform their ideas into market-ready solutions. Totally 124 teams registered out of which 19 teams was selected for round 2 and from that top 5 finalists two student teams have won Second prize with a cash prize of Rs. 30,000/- and Third prize with Rs.20,000/-.

Second Prize: Team: A2Z Techvalley

Team Members: Vishal Chinnasamy, Sasidharan Ramachandran, Rohith Kumar B

Third Prize: Team Name: Sentient

Team Members: Shreya S R, Hari Balaji V, Dharshan S, Vidhulaasri T

Team Mentor: Dr.S.Balakrishnan,HoD, CSBS

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STUDENTS PROGRESSION

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MCT | GOKART CHAMPIONSHIP 2023

Electric Kart Team **Brainiacs Racing** from the Department of **Mechatronics Engineering** has won **Overall Championships of AIMS _ National Level Gokart Championship 2023** held at Kari Motors Speed way, Coimbatore between 7th and 9th August 2023. The team has also won awards in the following categories:

- First Prize in EV Category with the cash prize of Rs 25000
- Best Endurance with the cash prize of Rs 10000
- Best innovation with the cash prize of Rs 3000
- Best safety award with the cash prize of Rs 3000
- Best Faculty Mentor
- Best Build Quality award
- Best Aesthetics Award
- Best Driver
- Best Captain
- First Vehicle Inspection Clearance Award
- Best Virtual Presentation Award

Mentors: Mr.T.Vignesh AP/MCT, Dr.R.Gopinathan ASP/MCT.

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M.TECH CSE | ROAD TO REACT

Final year student team from the Department of **M.Tech CSE** participated in Three-day's Workshop titled "**Road to React"** organized by Cloud Data Warehouse(CDW) from 04.08.2023 to 06.08.2023 at Sri Eshwar College of Engineering, Coimbatore.

Team Members:

- Aravind A
- Harish Siddarth N
- Jeevanantham G
- Kousika M
- Manoharan N
- Vikas Jaya Kumar

CSBS | PEGA CERTIFCATION

Nithish.M, student of **Final** year, **Computer Science and Business System** has earned **"Certified Pega System Architect"** by PEGA on 06.08.2023.

DO YOU KNOW?

The sun is actually white, just appeara yellow to us through the earth's atmosphere.

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EVENTS

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AI&DS | DATA SCIENCE CLUB INAUGURATION

Artificial Intelligence and Data Science has inaugurated the **"Data Science Club"** on 10.08.2023.

Chief Guest: Mr.Neelkumar Vijayakumar, Product Manager, Ancestry, USA, addressed the students on **"Product Management for AI/ML".**

Session Takeaways:

- Product Building
- Product Management in AI/ML
- AI/ML Landscape
- Challenges with AI/ML Products
- Combating with Product sense
- Data Strategy and Acquisition

M.TECH CSE | OUTREACH ACTIVITY

Department of **M.Tech CSE** and **CSD** organized "**Paper Cast Picasso**" on **August 2nd 2023.** The event aimed to engage school students from Government Higher Secondary School, Othakalmandapam, on the theme **"Celebrating Unsung Heroes".** The participants were engaged in drawing portraits and showing their respect towards the unsung freedom fighters who made significant sacrifices for their country. The winners were appreciated with prizes and motivated to participate in various future competitions.

CIVIL | TRAINING PROGRAM ON FIRE SAFETY MEASURES

Civil Engineering Department, along with **Vankatram Learning Centre** and **National Social Service (NSS)** of SKCET organised a Training program on **Fire Safety Measures** (Operating Fire Extinguishers) for all the Department Lab in-charges, System admins, Lab technicians, Powerhouse in-charges, Hostel in-charges, attenders and canteen workers. Fire safety training sessions were delivered by **Mr. B. B. Patil,** Chief Executive, Padmalata Enterprises-Safety and Fire Protection Engineers. The participants were trained to identify the conditions capable of causing fire, usage of fire extinguisher, respond appropriately to fire emergencies and follow the fire evacuation plan, adequately implement fire emergency procedures. The coordinators of the program were Dr. P. Saravanakumar, HoD/Civil and Dr. A. Fazlur Rahman, Librarian

Skillset developed:

- Successfully extinguish fires with the use of a fire extinguisher.
- Carry out a simple fire risk assessment on the premises.
- Understand and use the principles of fire suppression.
- Understand the behaviour of fire during its propagation.

CIVIL | TRAFFIC CUM ACCIDENT SURVEY

Student team of **Third** year **Civil Engineering** along with **Mr. R. Vighnesh,** Assistant Professor, Civil Engineering conducted Traffic survey and accident hotspot analysis for the road junction between Sundarapuram signal and Madukkarai market on 1st and 2nd August 2023 respectively. The study is a part of the 2nd accident hotspot analysis organised by the Addl. Director General of Police, Special Task Force, Road Safety to identify the reasons for the fatal and non-fatal accidents. Students were also asked to prepare reports and AutoCAD drawings explaining the engineering solutions for reducing the accident rate in the areas, which will be submitted to the Special Task Force, Road Safety for implementation.

List of the students who took part in the survey

S. No	Name of the student	Year of study
1	ABISHAKE S	III Year
2	FEBISH M	III Year
3	KALAI DHARAN R	III Year
4	NITHISH KUMAR M	III Year
5	NITIN S	III Year

SOM | HANDLOOM FASHION SHOW 2023

The preliminary round of Handloom fashion show was organized on 21st July 2023 at SKCET Convention Centre. Mohammed Toufiq, student of **First** year **MBA** was one among the selected 2 candidates from SKCET. The grand finale of the Handloom Fashion Show was organized on National Handloom Day - 7th Aug 2023, at SNR Auditorium and our Elegant Fashioner **Mohammed Toufiq** has won the award under the category **"Handloom Elavarasan – Best Presentation". Mrs. Vanathi Srinivasan**, Member of National President of the Women's Wing and **Actress Kushboo Sundar** presided over the ceremony.

MECH | GUEST LECTURE ON PROJECT MANAGEMENT AND EXPECTATIONS FROM CORE INDUSTRIES

Association of **Mechanical Engineers** organized a Guest Lecture on **"Project Management and Expectations from Core Industries"** on 04.08.23. The resource person for the event was **Mr.C.M.Gopi**, Associate Project Manager, Automotive Steering, Bosch Global Software Technologies, Coimbatore. **Final** year students from the department of **Mechanical Engineering** attended the session. Project Management Tools, 5C's of Project Management and Roles of Project Manager were pointers of discussion.

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TUTOR WARD MEETING

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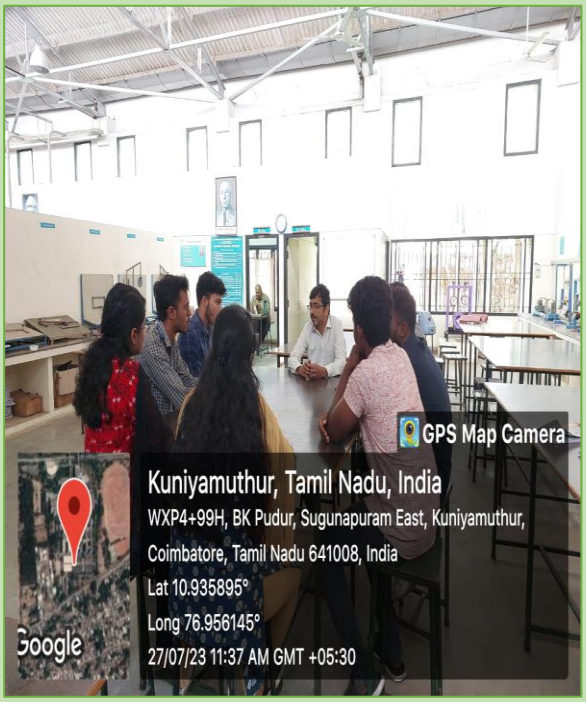
M.TECH CSE | CLASS COMMITTEE MEETING



Department of **M.Tech Computer Science and Engineering** conducted a **Class Committee Meeting** for the **Final** year students of **M.Tech CSE** on 27th July 2023. **Dr.Ramamoorthi,** Professor, Department of **Mechanical Engineering** chaired the meeting. The points of discussion were: 9th semester courses, Internships, Placement Training classes and Projects.

IT | TUTOR WARD MEETING

Tutor Ward Meeting was conducted for the **Third** year **IT** students on 10.08.2023. The following points were discussed:

- Self-Practice through week end coding contest
- Punctuality
- Attendance
- Importance of Internal marks
- Mini projects
- Placement preparation

M.TECH CSE | CLASS COMMITTEE MEETING

Department of **M.Tech Computer Science and Engineering** have conducted a Class Committee Meeting for the Pre- final year students of **M.Tech CSE** on 27.07.2023. **Dr.K.P.Yuvaraj,** Associate Professor, Department of Mechanical Engineering chaired the meeting. The pointers of discussion were: Academic regulations, Syllabus completion, Tutor ward system, Value Added Course, Participation in Hackathon and other competitions, Maintaining Discipline, Dress code and punctuality.

M.TECH CSE | CLASS COMMITTEE MEETING

Department of **M.Tech Computer Science and Engineering** conducted **Class Committee Meeting** for the **Third** year students of **M.Tech CSE** on 03.08.2023. **Dr.G.Shobana,** Associate Professor, Department of **Information Technology** chaired the meeting. The pointers of discussion were: Academic regulations, Syllabus completion, Guidelines for CIA-I exam, Participation in Hackathon and other competitions, Maintaining Discipline, Dress code and punctuality.

EEE | TUTOR WARD MEETING

Mr.R.Kavin, Assistant Professor**, EEE** conducted Tutor ward meeting for the **Third** year EEE A section students. The pointers of discussion were: Effectiveness of class, ICT course completion, Motivating the students to participate in the project expo, hackathon, advised to avoid absence for Industrial training classes and general discipline inside the campus.

EEE | TUTOR WARD MEETING

Ms.N.Subhalakshmi, Assistant Professor, **EEE** conducted **Tutor Ward Meeting** for **Third** year **EEE B** section students. The pointers of discussion were: effectiveness of class, ICT course completion, participation in project expo, hackathon, advised to avoid absence for Industrial training classes and general discipline inside the campus.

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PLACEMENT AND TRAINING

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TESTIMONIAL BY PLACED STUDENTS

Being a part of SKCET has opened a lot of opportunities for me. Life at SKCET has been an amazing journey and I express my heartfelt gratitude for providing us the state of art facilities which enabled me to nurture my skills and learn new ones. I am particularly grateful for the placement training that was provided to us. This training has helped me towards a great career ahead, and I am confident that I have the skills and knowledge to excel in my chosen field. I know that I am not just taking away knowledge from SKCET, but also some life lessons that will always be with me. I would like to take a moment to express my deepest gratitude to my department faculty members who helped me hone my skills, challenged me to think critically, to pursue my passions, and to constantly strive for excellence and encouraged me in every step of my journey. I am very much grateful to my parents for choosing SKCET. Thanks to our Principal Madam and the entire SKCET faculty team.

OVIYAA M,
CIVIL (2023 BATCH)
SCHLUMBERGER

TESTIMONIAL BY PLACED STUDENTS

Firstly, I would like to express my heartfelt gratitude to Sri Krishna Family. I would also like to extend my regards and thanks to the professors of my department who are integral to my success and enabled me to have a positive approach in life. 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. 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 ZOHO. I genuinely thank all the friends, staff members and professors who made my college life a happy memory.

ABDUL KAREEM S
EEE (2023 Batch)
ZOHO-7.5 LPA

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RESEARCH AND DEVELOPMENT

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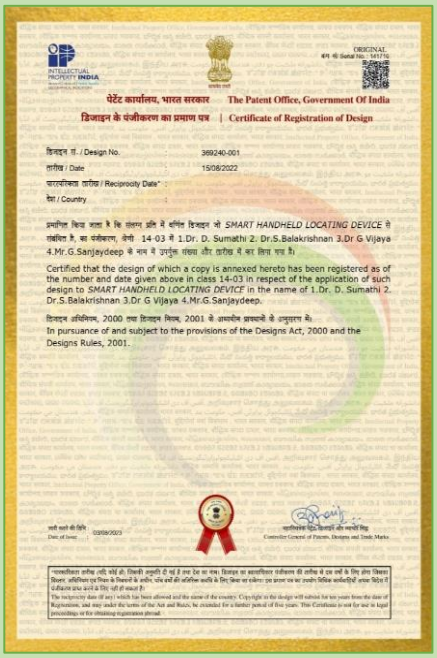
CSBS/CSE | DESIGN PATENT | R&D



पेटेंट कार्यालय, भारत सरकार The Patent Office, Government Of India
डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

Design No. 369240-001
Date 15/08/2022

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 14-03 in respect of the application of such design to *SMART HANDHELD LOCATING DEVICE* in the name of 1.Dr. D. Sumathi 2. Dr.S.Balakrishnan 3.Dr G Vijaya 4.Mr.G.Sanjaydeep.

In pursuance and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

Dr.S.Balakrishnan, Professor and Head, Department of **Computer Science and Business Systems** and **Dr.G.Vijaya**, Professor, department of **CSE** have received a design patent grant with a Certificate of Registration by the Patent Office. The patent titled "**Smart Handheld Locating Device**" with the design Number 369240-001.

R&D | PAPER PUBLICATION | ECE

Ms.G.Saranya, Assistant Professor, **ECE** has published her conference paper titled **"A Novel Design of Smart and Intelligent Soldier Supportive Wireless Robot for Military Operations"** at the 2023 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI). It is a Scopus Indexed IEEE Conference.

ieeexplore.ieee.org/document/10199831

Conferences > 2023 International Conference...

A Novel Design of Smart and Intelligent Soldier Supportive Wireless Robot for Military Operations

Publisher: IEEE | Cite This | PDF

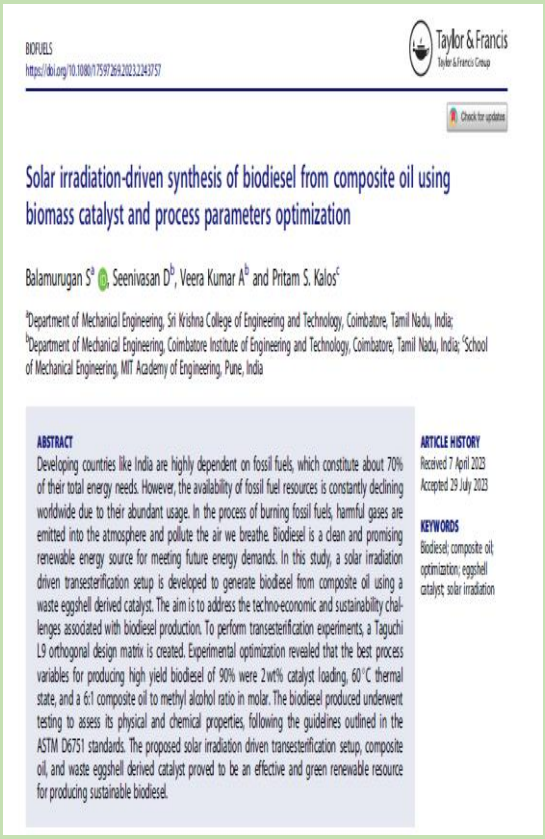
C. Gnanaprakasam ; M. Swarna ; R. Geetha ; G.Saranya ; Shakthi Murugan K H All Authors

Abstract
Document Sections
I. Introduction
II. Related Study
III. Methodology
IV. Results and Discussions
V. Conclusion and Future Scope
Authors
Figures
References

Abstract:
There is an increasing desire for the deployment of military robots in today's politically unstable globe to help soldiers complete dangerous operations. The Military Rescue Robot is well-suited for performing hazardous duties including bomb disposal, observation of hostile territory, and search and rescue operations. The military and law enforcement are finding more and more uses for robots and their ancillary systems as these systems grow more technically advanced, dependable, and compact. Armed forces are increasingly relying on mobile robots for tasks like patrolling and defusing bombs. Many apps available online make use of the Bluetooth, Wi-Fi, and ZigBee technologies already present in these mobile phones in order to facilitate the remote management of additional gadgets. The livestream from the camera module and the data analysis of environmental composition by various sensors of the area under observation may help the military best prepare for missions. Arduino and Zigbee are advanced devices that might be used to achieve the aforementioned aims.The Zigbee is linked to the Arduino mega, which in turn is linked to the various sensors and the robotic arm. Zigbee technology is used for data transmission and reception.

Published in: 2023 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI)
Date of Conference: 25-26 May 2023 DOI: 10.1109/ACCAI58221.2023.10199831

R&D | ARTICLE PUBLICATION | MECH



BIOFUELS
https://doi.org/10.1080/17597269.2022.2243757

Taylor & Francis
Taylor & Francis Group

Check for updates

Solar irradiation-driven synthesis of biodiesel from composite oil using biomass catalyst and process parameters optimization

Balamurugan S[a], Seenivasan D[b], Veera Kumar A[b] and Pritam S. Kalos[c]

[a]Department of Mechanical Engineering, Sri Krishna College of Engineering and Technology, Coimbatore, Tamil Nadu, India; [b]Department of Mechanical Engineering, Coimbatore Institute of Engineering and Technology, Coimbatore, Tamil Nadu, India; [c]School of Mechanical Engineering, MIT Academy of Engineering, Pune, India

ABSTRACT

Developing countries like India are highly dependent on fossil fuels, which constitute about 70% of their total energy needs. However, the availability of fossil fuel resources is constantly declining worldwide due to their abundant usage. In the process of burning fossil fuels, harmful gases are emitted into the atmosphere and pollute the air we breathe. Biodiesel is a clean and promising renewable energy source for meeting future energy demands. In this study, a solar irradiation driven transesterification setup is developed to generate biodiesel from composite oil using a waste eggshell derived catalyst. The aim is to address the techno-economic and sustainability challenges associated with biodiesel production. To perform transesterification experiments, a Taguchi L9 orthogonal design matrix is created. Experimental optimization revealed that the best process variables for producing high yield biodiesel of 90% were 2 wt% catalyst loading, 60°C thermal state, and a 6:1 composite oil to methyl alcohol ratio in molar. The biodiesel produced underwent testing to assess its physical and chemical properties, following the guidelines outlined in the ASTM D6751 standards. The proposed solar irradiation driven transesterification setup, composite oil, and waste eggshell derived catalyst proved to be an effective and green renewable resource for producing sustainable biodiesel.

ARTICLE HISTORY
Received 7 April 2023
Accepted 29 July 2023

KEYWORDS
Biodiesel; composite oil; optimization; eggshell catalyst; solar irradiation

Mr. S. Balamurugan, Assistant Professor, **Mechanical Engineering** has published a scientific article entitled **'Solar irradiation – driven synthesis of biodiesel from composite oil using biomass catalyst and process parameters optimization'** in Biofuels – A Taylor & Francis publications. It is a SCI, WoS and Scopus Indexed Journal with an Impact Factor 2.731. The journal is enlisted in Anna University Annexure 1 list.

R&D | ARTICLE PUBLICATION | CSE

Dr.K.Ramesh, Professor, Department of CSE has published a book chapter titled on" **A Detailed Analysis of Many Different Artificial Intelligence-Based Healthcare Systems**", Publisher IGI Global.

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Chapter 5

A Detailed Analysis of Many Different Artificial Intelligence–Based Healthcare Systems

S. Balasubramani
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K. Ramesh
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A. S. Hovan George
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A. Shaji George
https://orcid.org/0000-0002-8677-3682
Business System Department, Almarai Company, Saudi Arabia

Aakifa Shahul
SRM Medical College, Kattankulathur, India

ABSTRACT

The healthcare industry is one of the world's fastest growing, and the impact of artificial intelligence (AI) is already being felt. AI is changing the way healthcare is delivered, from reducing administrative processes to offering individualized patient care. AI is predicted to have a significant impact on healthcare in the next years. Its possible applications range from bettering patient care and outcomes to lowering healthcare expenses. Diagnostics is one area where AI has the potential to have a substantial effect. AI-powered diagnostic technologies have the potential to transform how diseases are discovered and treated. AI-based diagnostic tools can find patterns and connections in big data sets that the human eye may miss. AI can also be utilized to create patient-specific treatment strategies.

DOI: 10.4018/978-1-6684-8618-4.ch005

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R&D | ARTICLE PUBLICATION | CSBS

Focus

How to
Write Code Better:
Some Best Practices

Here is some practical guidance on writing high-performance app code. By implementing these best practices, businesses can code their way to a smoother app experience, happier users, and a competitive edge in the current digital landscape.

In today's digital age, a well-performing app is paramount to the success of any business. Writing code is an essential part of developing any modern application, and it is crucial to ensure that the code you write is structured, optimised and efficient. Poorly written code can have significant consequences such as slow loading times, crashes, and even user frustration.

As the performance of any app highly depends on how well the code is written, adopting best practices is essential to ensure that the app runs smoothly, loads faster, and provides an excellent user experience. Whether you are a seasoned developer or just starting to code, the best practices outlined in this article will help you to improve your coding skills and become a better app developer.

Purpose of implementing coding standards

The purpose of having coding standards is to ensure that code is written in a consistent and maintainable manner, allowing for easier collaboration among team members and reducing the likelihood of errors and bugs. Coding standards also aid code reusability, simplify debugging, and improve application performance. They ensure that code is written with clarity, readability, and standardisation, making it more comprehensible for future development and maintenance. Additionally, these standards facilitate code reviews, reduce development time, and enforce good programming practices.

Reasons for writing clean and efficient code for apps

Readability: Clean code is easy to read and understand. When the code is clean, other developers can quickly understand its purpose and easily maintain it in the future. Clean code also makes it easier for developers to identify and fix errors faster.

Maintenance: Writing clean code reduces the time it takes to maintain the application. An application that uses clean code is more likely to be error-free and easier to maintain in the long run, which can save developers a lot of time and resources.

Scalability: Clean code is more scalable than messy code. Developers can add new features to an application faster and more efficiently with clean code. Also, clean code makes it easier to refactor the code if necessary.

Debugging: Efficient code makes it easier to debug applications, and identify code errors and fix them.

Performance: Efficient code can improve application performance. Writing clean and efficient code can help you avoid memory leaks and performance issues, resulting in a faster and more responsive application.

What you should know before starting app development

Before diving into app development, it's important to lay a strong foundation. You will need to put some thought into that.

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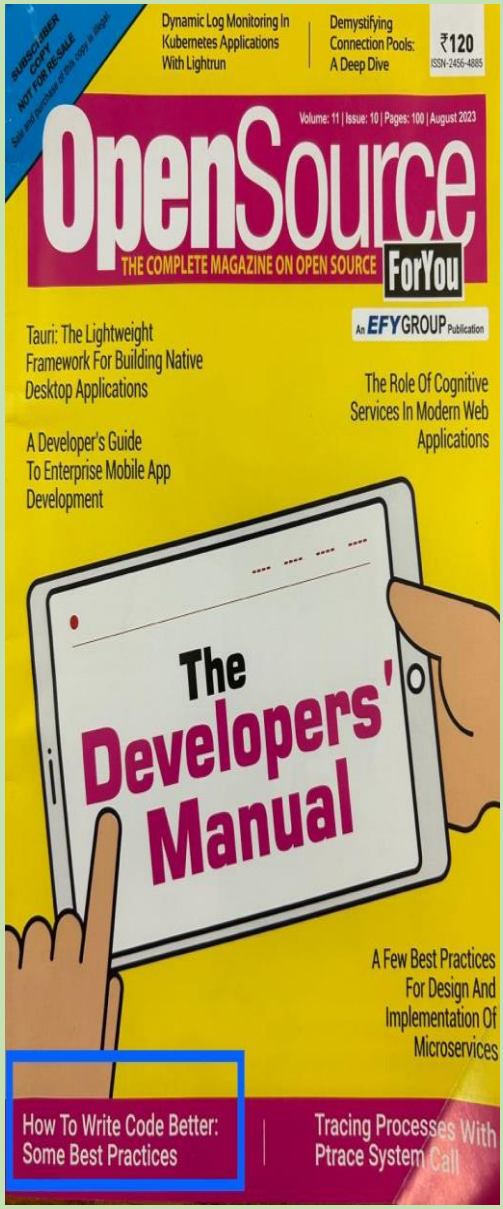

Dr.S.Balakrishnan, Professor and Head, Department of **Computer Science and Business Systems** has published an article **"How to Write Code Better: Some Best Practices"** in the opensource, the complete magazine on open source, an EFY group publications on 04.08.2023.

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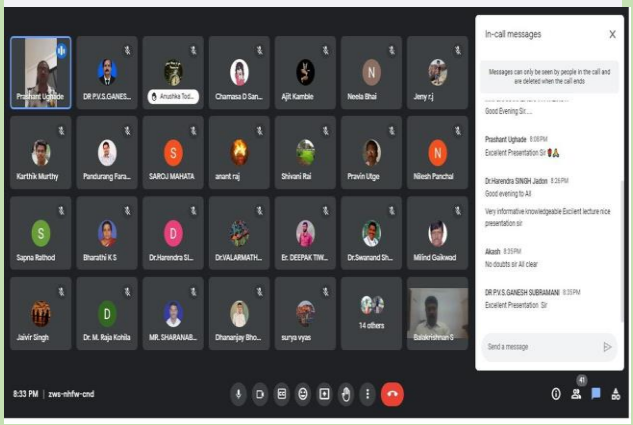
CSBS | IEEE R10 ETHICS CHAMPION

Dr.S.Balakrishnan, Professor and Head, Department of **Computer Science and Business Systems** has been recognized as **IEEE REGION10 Ethics Champion**. This prestigious recognition has been bestowed on him for his commitment and invaluable contribution to uphold and foster highest ethical standards. He has scored an impressive 70% and above in the IEEE R10 Ethics Super Power Assessment on 06.08.2023

CSBS | RESOURCE PERSON

Dr.S.Balakrishnan, Professor and Head, Department of **Computer Science and Business Systems** has delivered scholarly and studious lecture on "**Industry 5.0 & Role in Sustainable Manufacturing Industry**" in the National Level World record webinar series organized by Shri Kumaraswami Mahavidyalaya, Ausa,Dist.Latur, MS ,India on 04.08.2023



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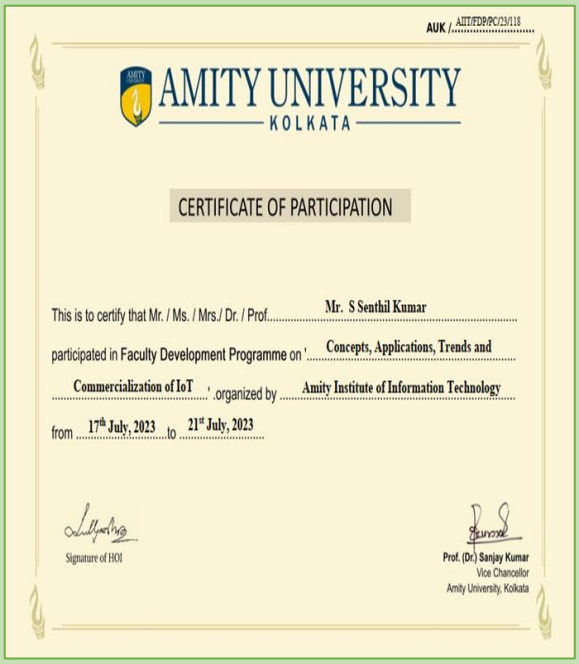
AI&DS | FDP ON IOT



AUK /AIIT/FDP/PC/29/118

AMITY UNIVERSITY
KOLKATA

CERTIFICATE OF PARTICIPATION

This is to certify that Mr. / Ms. / Mrs./ Dr. / Prof. Mr. S Senthil Kumar participated in Faculty Development Programme on 'Concepts, Applications, Trends and Commercialization of IoT' organized by Amity Institute of Information Technology from 17th July, 2023 to 21st July, 2023

Signature of HOI

Prof. (Dr.) Sanjay Kumar
Vice Chancellor
Amity University, Kolkata

Mr.S.Senthil Kumar, Assistant Professor of **AI&DS** has participated in One Week FDP on **"Concepts, Applications, Trends and Commercialization of IoT"** organized by Amity Institute of Information Technology from 17th July 2023 to 21st July 2023.

IT| FDP ON RESEARCH METHODOLOGIES IN IT

Ms. Janani R, Assistant Professor, **IT** has participated in the Three days FDP on **"Recent Trends and Research Methodologies in Information Technology"** organized by the Department of **Information Technology**, Adithya Institute of Technology, Coimbatore.

ADITHYA INSTITUTE OF TECHNOLOGY

Kurumbapalayam, Coimbatore, India.
Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.
Accredited by NAAC A+

DEPARTMENT OF INFORMATION TECHNOLOGY

CERTIFICATE OF PARTICIPATION

This is to certify that **Mrs. R. Janani, AP/IT, Sri Krishna College Of Engineering and Technology** has participated in the **Three Days Faculty Development Program on "Recent Trends and Research Methodologies in Information Technology"** organized by Department of Information Technology from 24-07-2023 to 26-07-2023.

He/She has successfully completed all the requirements for the completion of the Program.

Dr. M. Indirani	Mr. P. Thamaraikannan	Dr. Mishmala Sushith	Dr. D. Somasundareswari
Coordinator	Coordinator	Convenor & HOD-IT	Principal

ECE | FACULTY PARTICIPATION

अंतरिक्ष विभाग/DEPARTMENT OF SPACE
भारत सरकार/GOVERNMENT OF INDIA
भारतीय अंतरिक्ष अनुसंधान संगठन/INDIAN SPACE RESEARCH ORGANISATION
भारतीय सुदूर संवेदन संस्थान, देहरादून/ INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

नामांकन सं./ Enrolment No.: 20231191999411

CERTIFICATE OF PARTICIPATION IN
ONLINE COURSE

यह प्रमाणपत्र
DR. T JOBY TITUS
को " जलवायु-स्मार्ट कृषि के लिए भू-स्थानिक प्रौद्योगिकी "
में ऑनलाईन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।
इस ऑनलाइन पाठ्यक्रम का आयोजन 10 जुलाई, 2023 से 14 जुलाई, 2023 (कुल पाठ्यक्रम की अवधि = 7 घंटे 30 मिनट) के दौरान किया गया।
(संबन्धित आई.आई.आर.एस नोडल केंद्र- श्री कृष्णा इंजीनियरिंग व प्रौद्योगिकी कॉलेज)

THIS CERTIFICATE IS
AWARDED TO
DR. T JOBY TITUS
ON HAVING PARTICIPATED IN THE ONLINE COURSE ON
"Geospatial Technology for Climate Smart Agriculture"
THIS ONLINE COURSE WAS CONDUCTED DURING 10-07-2023 to 14-07-2023 (Total course duration was = 7 hours and 30 minutes).
(Concerned IIRS Nodal Centre- Sri Krishna College of Engineering and Technology)

Date: 28-07-2023
Place: Dehradun
समन्वयक, विश्वविद्यालय/संस्थान
Coordinator, University/ Institution
निदेशक/ Director
आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

UID- 98ab218c33052c02164e8ce7f6183ea4 .This Certificate can be validated using URL- https://certificate.iirs.gov.in

अंतरिक्ष विभाग/DEPARTMENT OF SPACE
भारत सरकार/GOVERNMENT OF INDIA
भारतीय अंतरिक्ष अनुसंधान संगठन/INDIAN SPACE RESEARCH ORGANISATION
भारतीय सुदूर संवेदन संस्थान, देहरादून/ INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

नामांकन सं./ Enrolment No.: 20231192021853

CERTIFICATE OF PARTICIPATION IN
ONLINE COURSE

यह प्रमाणपत्र
MR. VISVESVARAN C
को " जलवायु-स्मार्ट कृषि के लिए भू-स्थानिक प्रौद्योगिकी "
में ऑनलाईन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।
इस ऑनलाइन पाठ्यक्रम का आयोजन 10 जुलाई, 2023 से 14 जुलाई, 2023 (कुल पाठ्यक्रम की अवधि = 7 घंटे 30 मिनट) के दौरान किया गया।
(संबन्धित आई.आई.आर.एस नोडल केंद्र- श्री कृष्णा इंजीनियरिंग व प्रौद्योगिकी कॉलेज)

THIS CERTIFICATE IS
AWARDED TO
MR. VISVESVARAN C
ON HAVING PARTICIPATED IN THE ONLINE COURSE ON
"Geospatial Technology for Climate Smart Agriculture"
THIS ONLINE COURSE WAS CONDUCTED DURING 10-07-2023 to 14-07-2023 (Total course duration was = 7 hours and 30 minutes).
(Concerned IIRS Nodal Centre- Sri Krishna College of Engineering and Technology)

Date: 28-07-2023
Place: Dehradun
समन्वयक, विश्वविद्यालय/संस्थान
Coordinator, University/ Institution
निदेशक/ Director
आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

UID- 0ebd22764a0b08178803c8bd49cf36be .This Certificate can be validated using URL- https://certificate.iirs.gov.in

अंतरिक्ष विभाग/DEPARTMENT OF SPACE
भारत सरकार/GOVERNMENT OF INDIA
भारतीय अंतरिक्ष अनुसंधान संगठन/INDIAN SPACE RESEARCH ORGANISATION
भारतीय सुदूर संवेदन संस्थान, देहरादून/ INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

नामांकन सं./ Enrolment No.: 20231192021737

CERTIFICATE OF PARTICIPATION IN
ONLINE COURSE

यह प्रमाणपत्र
MR. KARTHI S P
को " जलवायु-स्मार्ट कृषि के लिए भू-स्थानिक प्रौद्योगिकी "
में ऑनलाईन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।
इस ऑनलाइन पाठ्यक्रम का आयोजन 10 जुलाई, 2023 से 14 जुलाई, 2023 (कुल पाठ्यक्रम की अवधि = 7 घंटे 30 मिनट) के दौरान किया गया।
(संबन्धित आई.आई.आर.एस नोडल केंद्र- श्री कृष्णा इंजीनियरिंग व प्रौद्योगिकी कॉलेज)

THIS CERTIFICATE IS
AWARDED TO
MR. KARTHI S P
ON HAVING PARTICIPATED IN THE ONLINE COURSE ON
"Geospatial Technology for Climate Smart Agriculture"
THIS ONLINE COURSE WAS CONDUCTED DURING 10-07-2023 to 14-07-2023 (Total course duration was = 7 hours and 30 minutes).
(Concerned IIRS Nodal Centre- Sri Krishna College of Engineering and Technology)

Date: 28-07-2023
Place: Dehradun
समन्वयक, विश्वविद्यालय/संस्थान
Coordinator, University/ Institution
निदेशक/ Director
आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

UID- 34cff6dc83de70673879699a4ffe8d1b .This Certificate can be validated using URL- https://certificate.iirs.gov.in

Following faculty members from the Department of **ECE** has successfully completed an online course on **"Geospatial Technology for Climate Smart Agriculture"** by IIRS from 10.7.2023 to 14.07.2023.

- Dr.T Joby Titus
- Mr.C.Visvesvaran
- Mr.S.P.Karthi

M.Tech CSE | FDP ON ML & ITS APPLICATION

KIT-KALAIGNARKARUNANIDHI INSTITUTE OF TECHNOLOGY
Accredited by NBA and NAAC with 'A' Grade
An Autonomous Institution, Coimbatore - 641 402

CERTIFICATE

This is to certify that S. Sreeraj from Sri Krishna College of Engineering and Technology has participated in six days Faculty Development Programme on "Machine Learning and its Applications" from 24.07.2023 to 29.07.2023 organized by the Department of Artificial Intelligence and Data Science & Department of Management Studies, KIT - Kalaignarkarunidhi Institute of Technology, Coimbatore.

S. Sivagnana Bharathi, HoD/MBA | Dr. C. Deepa, HoD/AI&DS | Dr. M. Ramesh, Principal | Dr. N. Mohandas Gandhi, CEO

Mr.S.Sreeraj, Assistant Professor**,** Department of **M.Tech Computer Science and Engineering** has participated in Six days FDP on **"Machine Learning and its Application"** organized by the Department of Artificial Intelligence and Data Science & Department of Management Studies, Kalaignar Karunanidhi Institute of Technology, Coimbatore from 26.06.2023 to 30.06.2023.

M.Tech CSE |FACULTY FDP CERTIFICATION

Mr.S.Senthil J, Assistant Professor**,** Department of **M.Tech Computer Science and Engineering** has participated in the webinar on **"Angel Investment VC Funding Opportunity for Early-Stage Entrepreneurs"** organized by the Department of Aeronautical Engineering and Institutions Innovation Council, Annasaheb Dange College of Engineering and Technology, Bangalore on 22.07.2023.

Sant Dnyaneshwar Shikshan Sanstha's
ANNASAHEB DANGE COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institute, Affiliated to Shivaji University, Kolhapur, Approved By AICTE, New Delhi & Govt. of Maharashtra
Accredited by NAAC 'A++' Grade, Bangalore)

INSTITUTIONS INNOVATION COUNCIL
&
DEPARTMENT OF AERONAUTICAL ENGINEERING

Certificate of Participation

This certificate is proudly awarded to

SENTHIL J

has participated in the webinar on *"Angel Investment VC Funding Opportunity for Early-Stage Entrepreneurs"* organized by the Department of Aeronautical Engineering and Institutions Innovation Council, ADCET on 22-07-2023.

ADCET-2023H129

Mr.P.Deepak kumar, Webinar Coordinator | HOD, Aero | Dr. Vikram S. Patil, Director, ADCET

S&H | WORKSHOP ON RESEARCH TRENDS IN GRAPH THEORY

Prof. Ambat Vijayakumar Endowment Lecture
and
Workshop on Research Trends in Graph Theory
4-5 August 2023

CERTIFICATE

This is to certify that Dr./Ms./Mr. Revathy P., Assistant Professor of Sri Krishna College of Engineering and Technology, Coimbatore has participated in the 'Prof. Ambat Vijayakumar Endowment Lecture and Wokshop on Research Trends in Graph Theory' organized by the Alumni Association and Department of Mathematics, CUSAT during 4-5 August 2023.

Co-ordinator

HOD, Department of Mathematics

Ms.Revathy P, Assistant Professor, **Department of Science and Humanities** participated in the Prof.Ambat Vijayakumar Endowment Lecture and Workshop on Research Trends in Graph Theory organized by the Alumni Association CUSAT during 4th -5th August, 2023.

S&H | FACULTY NATIONAL WORKSHOP

Dr.Anitha T, Assistant Professor, Department of **Science and Humanities** participated in the **National Workshop on Storytelling for Effective Classroom Communication at Higher Education** organized by VNR VJIET, Hyderabad in association with Storytelling Academy of Loughborough University, UK.

VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
Loughborough University

An Autonomous Institute, ISO 9001 : 2015 & QS I -Gauge Diamond Rated Institute, Accredited by NAAC with ' A++' Grade
NBA Accreditation for B.Tech CE, EEE, ME, ECE, CSE, EIE, IT, AE Programmes, Approved By AICTE, New Delhi, Affiliated to JNTUH, Recognized as 'College with Potential for Excellence' by UGC

NATIONAL WORKSHOP ON
"STORYTELLING FOR EFFECTIVE CLASSROOM COMMUNICATION AT HIGHER EDUCATION"
(ONLINE) 10 - 18 JULY 2023

organized by

CENTRE FOR MEMORY STUDIES AND STORYTELLING, DEPARTMENT OF HUMANITIES AND SCIENCES, VNR VJIET, HYDERABAD

in association with

STORYTELLING ACADEMY OF LOUGHBOROUGH UNIVERSITY, UK

CERTIFICATE OF PARTICIPATION

This is to certify that **Dr. Anitha T, Assistant Professor, Department of Science and Humanities (English), Sri Krishna College of Engineering and Technology, Tamil Nadu** has been a participant of the workshop.

Dr. T. Jayashree
HoD, H&S Dept.

Dr. B. Chennakesava Rao
Director for Advancement

Dr. C.D. Naidu
Principal

AI&DS | INFOSYS SPRINGBOARD CERTIFICATION

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COURSE COMPLETION CERTIFICATE

The certificate is awarded to

Pugalendhi G S

for successfully completing the course

Hands-On Full-Stack Web Development with GraphQL and React

on August 5, 2023

Infosys | Springboard

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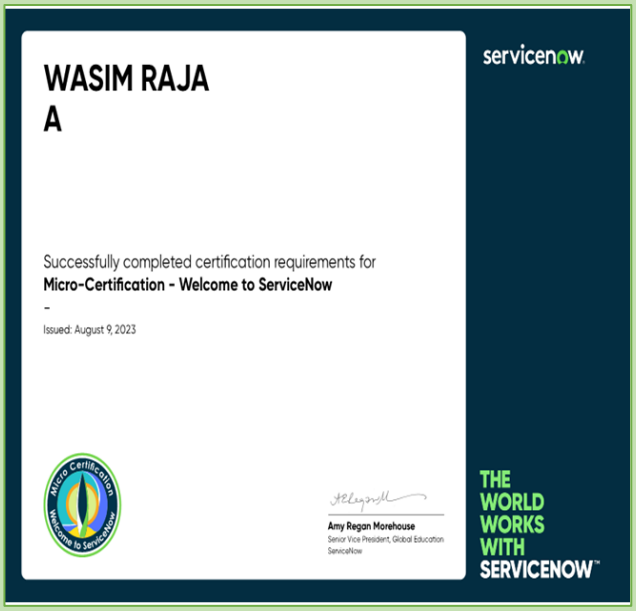
Thirumala Arohi
Senior Vice President and Head
Education, Training and Assessment (ETA)
Infosys Limited

Issued on: Sunday, August 6, 2023
To verify, scan the QR code at https://verify.onwingspan.com

Mr.G.S.Pugalendhi, Assistant Professor of **AI&DS** has successfully completed the course on **"Hands-On Full-Stack web Development with GraphQL and React"** certified by Infosys Springboard on August 5, 2023.

AI&DS | MICRO CERTIFICATION

Mr.A.Wasim Raja, Assistant Professor, **AI&DS** has successfully completed Certification requirements for **"Micro - Certification - Welcome to ServiceNow"** on August 9th 2023.


WASIM RAJA
A

Successfully completed certification requirements for
Micro-Certification - Welcome to ServiceNow
-
Issued: August 9, 2023

Amy Regan Morehouse
Senior Vice President, Global Education
ServiceNow

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CSE | DATA SCIENCE AND NETWORK SECURITY

Dr.N.Kousika and **Mr.M.Vengateshwaran**, Assistant Professor, Department of **CSE** has received an appreciation certificate for her role as reviewer in "**First IEEE International Conference on Data Science and Network Security (ICDSNS - 2023)**" held on 28th and 29th July 2023.

IT | INFOSYS CERTIFICATIONS

Dr.K.N.Sivabalan, Professor, **IT** has successfully completed a course on "Introduction to Natural Language Processing" certified by Infosys Springboard.

EEE | FDP ON OUTCOME BASED EDUCATION FOR EFFECTIVE LEARNING AND TEACHING

AMET UNIVERSITY

ASSOCIATION OF INDIAN UNIVERSITIES
&
AMET UNIVERSITY

(Academic and Administrative Development Centre)
One Week Faculty Development Programme (FDP) on
Outcome Based Education for Effective Learning and Teaching

Certificate of Participation

Kavin.R

This is to certify that Dr./Mr./Ms. ..... from
Sri Krishna College of Engineering and Technology
..... on
successful completion of One Week Online AIU Sponsored Faculty Development Programme on Outcome Based Education for Effective Learning and Teaching during 19th July - 27th July 2023

Dr. Deepa Rajesh, Vice-President (Academics), AADC Nodal Officer, AMET
Dr. Amarendra Pani, Joint Director & Head- Research Division, Association of Indian Universities, New Delhi
Dr. Pankaj Mittal, Secretary General, Association of Indian Universities, New Delhi

Mr.R.Kavin, Assistant Professor, **EEE** Department has participated in One Week Faculty Development Program on "**Outcome Based Education for Effective Learning And Teaching**" organized by Amet University, Chennai.

CSBS | DEEP LEARNING FOR NLP & COMPUTER VISION

Mr.Anantraj.I, Assistant Professor, Department of **Computer Science and Business Systems** has participated in 30 hours International Faculty Development Program on **"Deep Learning for NLP and Computer Vision"** organized by Chaitanya Bharathi Institute of Technology with ExcelR from 10.07.2023 to 28.07.2023.

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Raising Excellence

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY
Autonomous Institute | Affiliated to Osmania University

CERTIFICATE OF PARTICIPATION

AWARDED TO

Anantraj I

Participated in 30 Hours International Faculty Development Program on
Deep Learning for NLP and Computer Vision
organized by Chaitanya Bharathi Institute of Technology (CBIT) in Collaboration with ExcelR.
Date: 10th July to 28th July 2023.

Dr. Ramakrishna Kolikipogu
Professor, Department of IT
Chaitanya Bharathi Institute of Technology (A)

CBIT

EXCELR SOLUTIONS

Ram Tavva
CEO ExcelR Solutions

Reg/Cert No. 54993/FDP/EXLR/29072023

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IT | ALUMNI INTERACTION

Mr.Gowtham, (2018-22 Batch) Software Developer, **AntWorks**, Chennai, alumni of the Department of **Information Technology**, interacted with his juniors on 26.07.2023. He encouraged the Final-year students to engage in hackathons by briefing the students about his experience in winning Police hackathon, and internship experiences. He also described the methodology and technology stack used in coding competitions. It was an interactive event in which students asked questions about the technical aptitude tests and interview procedure.

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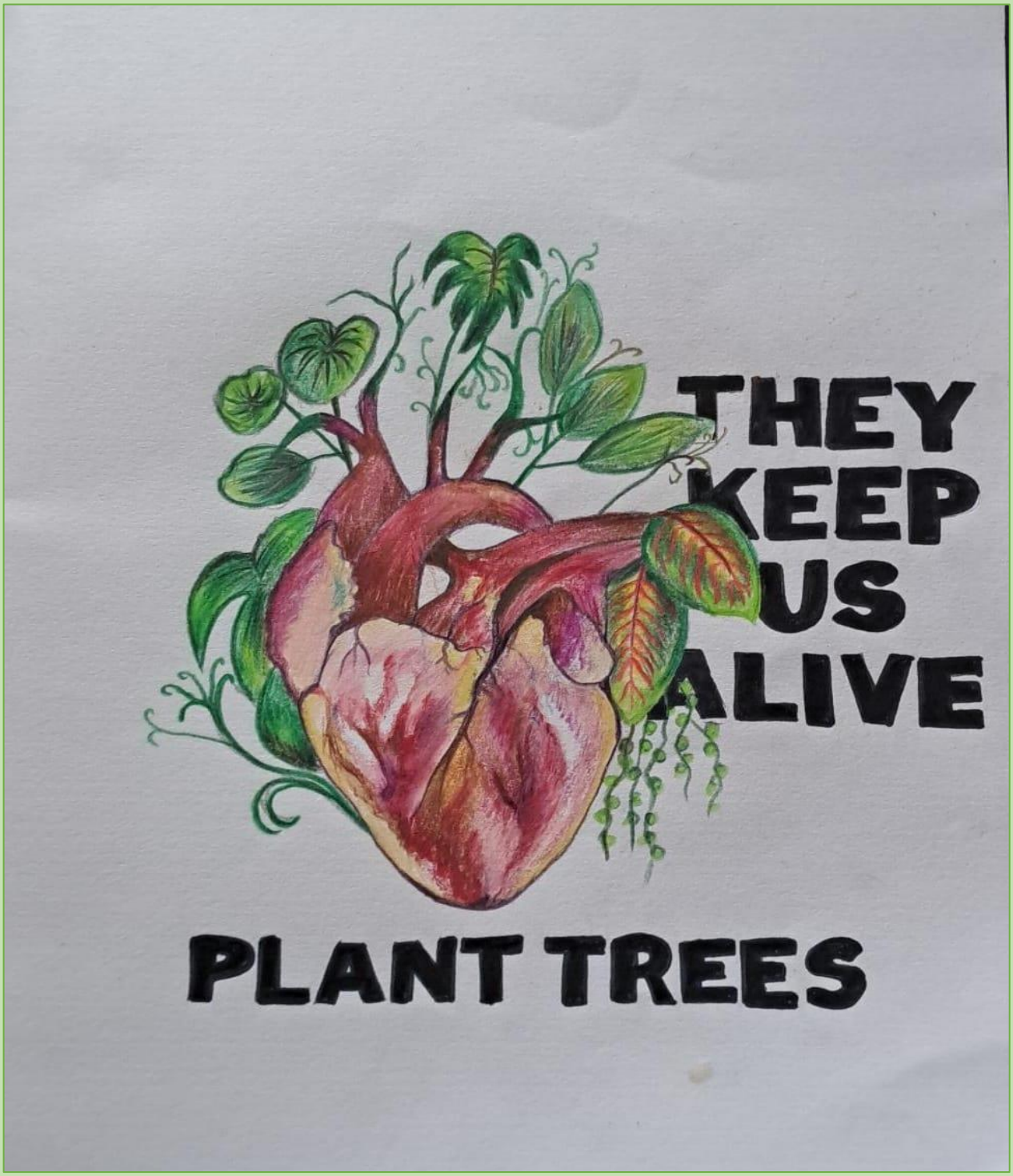
ECE | CREATIVE CORNER



MEGHANA
727721EUEC089
III-ECE-B

ECE | STOCK MARKET ANALYSIS AND TRADING WITH THE HELP OF AI

In the fast-paced world of stock market analysis and trading, AI has emerged as a powerful tool to enhance accuracy and efficiency. Through complex algorithmic predictions, AI systems are capable of forecasting market trends and identifying patterns that may not be easily recognizable by human traders. One of the key advantages of using AI in stock market analysis is its ability to mitigate risks. By analyzing vast amounts of historical data and real-time market information, AI algorithms can make predictions with a higher degree of accuracy compared to traditional methods. This enables traders to make more informed decisions and minimize potential losses.

Additionally, AI-powered trading systems, also known as algo-trading, have gained popularity in recent years. These systems use advanced algorithms to automatically execute trades based on predefined criteria. By leveraging AI's predictive capabilities, algo-trading can identify patterns and execute trades at optimal times, potentially maximizing profits for investors.

The integration of AI into stock market analysis brings significant benefits by providing accurate predictions and efficient trading strategies. However, it's important to note that human expertise is still crucial in interpreting the results generated by these algorithms and making informed decisions based on the insights provided by AI systems.

Moreover, AI-powered systems have also paved the way for algo-trading, where trading decisions are executed automatically based on predefined rules and algorithms. This eliminates human emotions and biases from the decision-making process, leading to potentially more consistent results.

Lakshimi Raman. S
727721EUEC073
III ECE B

IT | CREATIVE CORNER

VINAYA S V
III IT C

EEE | NATURE CLICK

Surjith Surya.V
IV Year EEE B

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Date : 7.8.20

கோவை மக்கள் சேவை மையம்

கைத்தறி ஆடை அலங்கார அணிவகுப்பு

COVID-19 IS NOT OVER: FOLLOW THE RULES !

THE COVAI MAIL
ENGLISH & TAMIL WEEKLY NEWSPAPER