SKCET Buzz

30ᵗʰApril – 06ᵗʰ May 2022

Editor-in-Chief
Dr.J.Janet
Principal
Co-Editor
Dr.S.Venkata Lakshmi – AI & DS
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Mrs.K.Ananthi – MCT,
Mr.S.Sureshkumar – CSE,
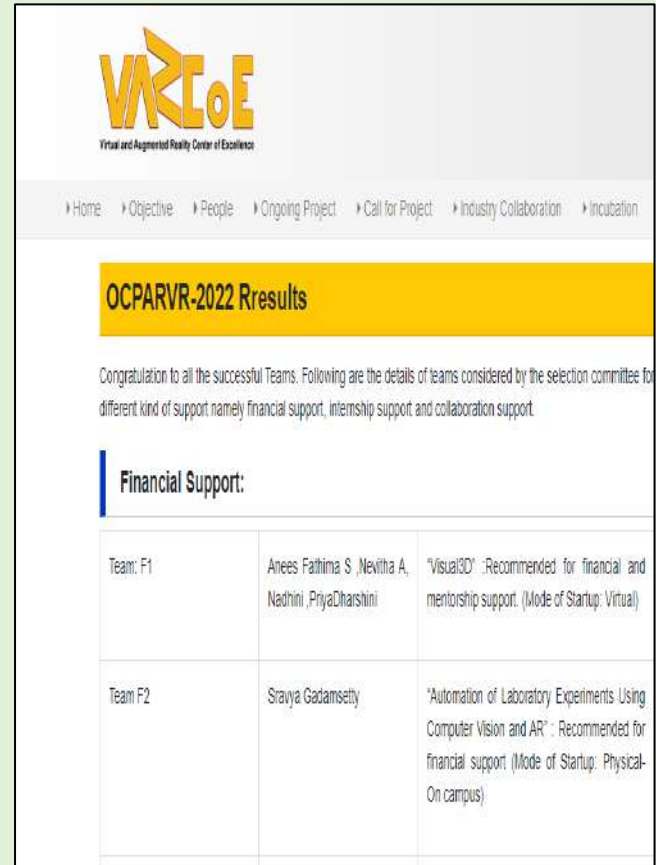Mrs.S.Mary Fabiola - S&H

INSIDE THE ISSUE

SKCET Buzz

HACKATHON ACCOLADES

CSE| OPEN CHALLENGE PROGRAM ON AR&VR

Four student teams from the Department of **CSE** have participated in the "**Open Challenge Program on AR&VR – OCPARVR 2022.** The team members have been selected for the **Financial and Internship Support** at **Virtual and Augmented Reality Centre of Excellence (VARCoE)**, IIT Bhubaneswar in Association with **Government of India**. The student teams were also rewarded with following benefits:

- On boarding of start-ups in the VARCoE premises of IIT Bhubaneswar campus (In campus mode and virtual mode)
- Access to investment from govt organizations upto 25 lakhs.
- Seed grant support up to 10 lakhs.
- In campus Infrastructure, library and laboratory access.

CSE| OPEN CHALLENGE PROGRAM ON AR&VR

FINANCIAL SUPPORT			
TEAM NAME	**TEAM MEMBERS**	**TITLE**	**MENTOR**
Team F1- Hack Frenzy	Anees Fathima (II CSE) Nivetha A (II CSE) Nandhini (II CSE) Priyadharsini (II CSE)	"Visual3D"	Ms.M.Rohini AP/CSE
INTERNSHIP OFFER			
Team I1- Spam Bytes	Prithika Andrea Angelina F, (I CSE) Madhumitha, (I CSE) Monisha (I CSE) Priyadarshini (I CSE)	To develop a virtual heritage train using simulation that passes through heritage cities and helps to review "Indian culture heritage"	Ms. A.Priya AP/CSE
Team I2- Hackaholic	Ashok Adhav R R (III CSE) Ida WinonaA J (III CSE)	"Health Care Focused AR Apps"	Ms. Gowthamani AP/CSE Ms. Rohini AP/CSE
TeamI3- Aspire Innovators	Anwisha Zaman (II CSE) Angeline Varghese (II CSE)	"Fight Mind"	Dr.M.Sujaritha Professor/CSE Ms.V.R.Azhaguramyaa AP/CSE

CSBS | NMIT – A NATIONAL LEVEL HACKATHON

Student team from **First** year **CSBS** has won **First Prize** with a cash prize of **Rs.40,000/-** in the **36 hour NMIT Hackathon**, a national level Hackathon organized by NITTE Meenakshi Institute of Technology, Coimbatore on the theme **Open Innovation.** The aspiring technopreneurs used this perfect opportunity to deal with the real time problem and gave wings to their imagination by providing the most innovative solution in the due course of 36 hours.

Team Members:

- Vishal C
- Sashidharan
- Christina Mercy Mathew
- Rathi Raghuram

Team Mentor:

Dr.Balakrishnan, HoD, CSBS.

STUDENT PROGRESSION

EEE | TECHKNOW 2022

Idea/Project demonstrated by the **Second** year student team from the Department of **EEE** has been **selected** as the **'Top 25 Best Concept'** among the 1200 participated teams from Various institutions in the Event - **Techknow 2022** held at **Anna University,** Chennai during 21.04.2022 to 23.04.2022.

Project Idea: **ECG Cardiac Tracker**

Team Members:

- Kavithra. R
- Madahana Bala S.K
- Madhubalan. S
- Prathap Prakash
- Ramshi.S

Team Mentor:

Dr. P.Vinoth Kumar, Associate Professor, EEE

MECH| IDEA VERSE 2022

The Idea/project proposed and presented by **Third** year student team from the Department of **Mechanical Engineering** has won Second Place in the event **Idea Verse 2022** conducted by Project Innovation. The mentor of the project, **Dr.V.P.Srinivasan,** Assistant Professor, **Mechanical Engineering** has been recognized as the Best Mentor.

Team Members:

- Jivithesh U S
- Logesh P
- Kalidhasan R
- Ragul R

MECH| INNOVATIVE CONCEPT

Third year student team from the Department of **Mechanical Engineering** has been recognized as the **Winner of Pitch 2022** for their innovative concept titled **"Cost effective Retrofit hybrid Vehicle".** The team was rewarded with a cash prize of Rs. 10000/- on 9.4.2022 at PSG Institute of Management, Coimbatore. Among 700 innovative concepts proposed the Mechanical team of SKCET has bagged the winner title.

Team Members:

- N. Naveenraj
- S. Pradeep

Team Supervisor: Dr.R.Soundararajan, Associate Professor/ Mech.

CIVIL| IITM SUMMER FELLOWSHIP PROGRAMME
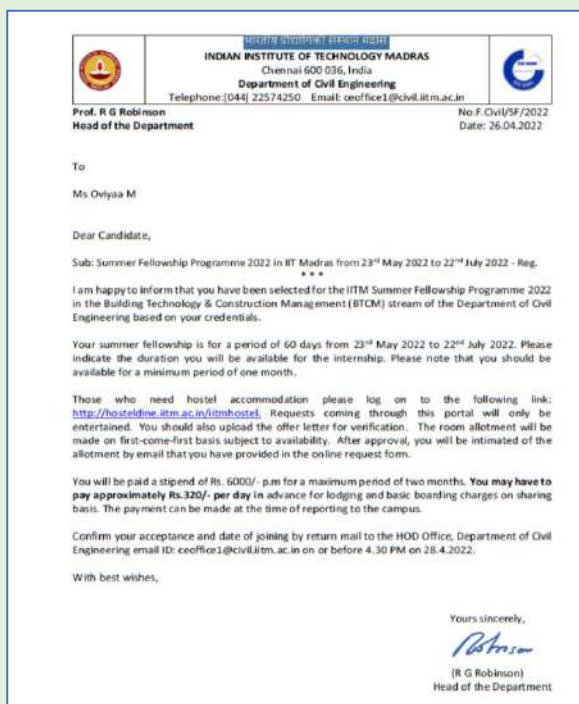
Ms. M. Oviyaa, student of **Third** year **Civil Engineering** has been selected for the IITM Summer Fellowship Programme 2022 in the Building Technology & Construction Management (BTCM) stream of the Department of Civil Engineering. The fellowship is for a period of 60 days from 23rd May 2022 to 22nd July 2022 with a stipend of Rs.6000/- per month.

EEE | NATIONAL LEVEL TECHNICAL SYMPOSIUM

Moniswaran E and **Navayuvan S**, students of **Second** year **EEE** have won **Second** Place in the **Guess the Circuit** event in the **IEEE sponsored National Level Technical Symposium** on 22.04.2022.

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STUDENT CERTIFICATIONS

EEE | CORE TRAINING PROGRAM

Surjith Surya V and **Surya T**, students of **Second** year **EEE "B"** have participated in the 3 days Hands-on Training on **"Core Training Program [PLC, HMI, SCADA, DCS & IIoT]"** organized by the Department of Electronics & Instrumentation Engineering, Kumaraguru College of Technology, Coimbatore.

WRITE IT RIGHT

BESIDES or ALSO?

Besides Use besides at the beginning of a clause to add a fact or reason that is stronger than what you have already said:

I'm too tired to go to the supermarket. Besides it is closed on Sunday.

Also To add extra information, use in addition or also:

I speak English fluently. Also I speak some French.

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EVENTS

MECH| LAUNCH OF IOT BASED DIGITAL CLOCK

An **IoT based Digital Clock** designed and developed by the student team of the **Society of Automation & Robotics (SAR)** - SKCET Club; Department of Mechanical Engineering was launched by our Beloved Principal Madam **Dr.J.Janet** on 6.05.2022. The team was guided by **Mr.N.Ramachandran**, the club coordinator and Assistant Professor, Mechanical Engineering. This great innovative work was highly appreciated by our Principal Madam and the Academic Leadership team.

MCT| IN HOUSE PROJECT EXPO 2022

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

MCT & AI&DS| SEMINAR ON BASICS OF DEEP LEARNING

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

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

S&H | EXTENDED HOUR ACTIVITY

Innovation Club of **SHA** conducted Online Science Quiz, **Mind Fest** for the **First** year **BE/ B.Tech** students to encourage their wider reading skills. Students actively participated and explored their knowledge in science and developed the spirit of participation.

TRAINING AND PLACEMENT

PLACEMENT | TESTIMONIAL BY PLACED STUDENTS

PUVIARASI S

EEE (2022 Batch)

Accenture

"If a window of opportunity appears don't pull down the shade"

I'm very privileged to be a part of SKCET family who guided me throughout my learning pace. Yes! here the opportunities are wide open and I've got many opportunities to seek my job in many different companies (like CTS, ACCENTURE, HCL, Wipro etc.) and the choices are ours, then who'll not be happy to be a part of such a big Institution. I thank my mentors the Placement Team and our Professors who guided, encouraged and nourished us throughout this entire journey.

I would like to express my gratitude once again to our Principal Madam, the Placement Cell and all the faculty members of my Department who constantly helped me to pursue my Final offer at Accenture.

PLACEMENT | TESTIMONIAL BY PLACED STUDENTS

My experience at SKCET was very great and unforgettable. Every possible opportunity is created here from which we can get trained, learn from our mistakes and be a better person at each step. Each and every faculty here helped us gather all the knowledge, choose best career path and achieve our goals. Best innovations come from small ideas, SKCET is the place where we can put our thoughts into process and attain the best result out of it. I'm thankful to all the faculty members who gave guidance to choose my future path and helped me improve myself not only in academics but also in every aspect. I'm extremely happy that I was able to be part of an institution like SKCET where we can learn and develop our skills technically.

SRIVARDHINI V,
ECE (2021 Batch),
TEMENOS

GURUBARAN,
MCT (2021 BATCH),
HCL

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

30 April- 06thMay - 2022|Weekly Newsletter

SKCET

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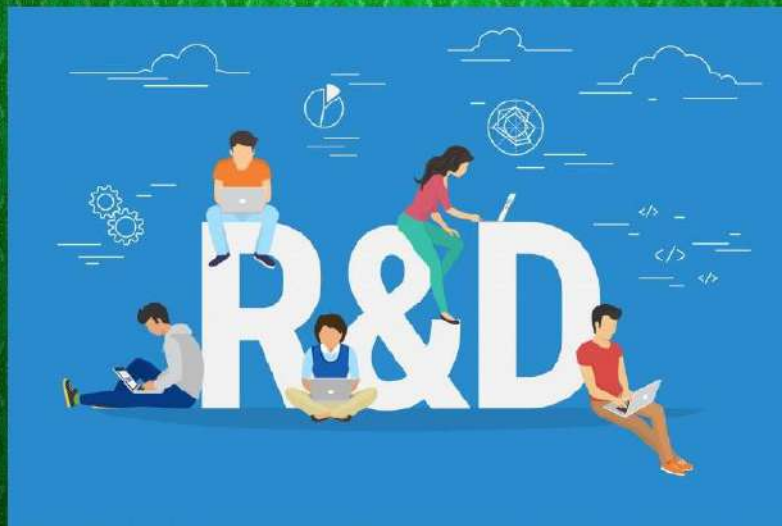
RESEARCH AND DEVELOPMENT

R&D | JOURNAL PUBLICATION | CSE

Journals / Kybernetes / Deep learning based loan eligibility prediction with Social Border Collie Optimization

Deep learning based loan eligibility prediction with Social Border Collie Optimization

G.L. Infant Cyril, J.P. Ananth

Kybernetes
ISSN: 0368-492X
Article publication date: 9 March 2022   Reprints & Permissions

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Abstract

Purpose
The bank is termed as an imperative part of the marketing economy. The failure or success of an institution relies on the ability of industries to compute the credit risk. The loan eligibility prediction model utilizes analysis method that adapts past and current information of credit

Related articles

Cancer data classification by quantum-inspired immune clone optimization-based optimal feature selection using gene expression data: deep learning approach
Nageswara Rao Eluri et al., Data Technologies and Applications, 2021

Dr. J.P.Ananth, Professor, Department of **CSE** has published a paper entitled **"Deep Learning based Loan Eligibility prediction With Social Border Collie Optimization"** in Kybernetes, Emerald Publishing.This is a Scopus indexed Journal with an impact factor: 2.235. DOI:https://doi.org/10.1108/K-10-2021-1073

R&D| SCIENTIFIC ARTICLE PUBLICATION| MECH

Dr. P. Ashoka Varthanan, Professor and Head, Department of **Mechanical Engineering** has published a scientific research article titled **'Experimental study on effect of nano Al2O3 in physiochemical and tribological properties of vegetable oil sourced biolubricant blends'** in the Digest Journal of Nanomaterials and Biostructures - A Forum of chalcogeniders publications. It is WoS and Scopus Indexed Journal with IF: 0.963.

Digest Journal of Nanomaterials and Biostructures   Vol. 17, No. 1, January - March 2022, p. 47 - 58

Experimental study on effect of nano Al2O3 in physiochemical and tribological properties of vegetable oil sourced biolubricant blends

S. G. Muthurathinam[a]*, A. V. Perumal[b]
[a]Assistant Professor, Department of Automobile Engineering, Hindusthan College of Engineering and Technology, Coimbatore – 32, India
[b]Professor, Department of Mechanical Engineering, Sri Krishna College of Engineering and Technology, Coimbatore – 08, India

In this study, nine different vegetable oil-based blends were prepared from POME, NOME and TOME by blending with SAE20W40 commercial grade engine oil and 1%, 2% Al_2O_3 nano particles in weight percentage. The physiochemical properties viz. density, viscosity, viscosity index and flash point were investigated and tribological properties were investigated by four ball lubricant test under ASTM D4172B standard. The results showcased better outcomes with higher percentage (2%) of nanoparticle addition. Especially, the N102 and P202 blends has shown reduction in friction (13.3% and 12.8% respectively) and reduced wear scar diameter (55.1% and 50.5% respectively) when compared with SAE20W40 commercial lubricant.

(Received September 7, 2021; Accepted January 15, 2022)

Keywords: Friction, wear, Vegetable oil, Neem, Pongamia, Tamanu, Viscosity, Density, Flashpoint, Four ball tester

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R&D | PAPER PUBLICATION | MCT

Dr. Justin Maria Hillary J, Associate Professor, **MCT** has published a paper entitled **"Investigation on Microstructural Characterization and Mechanical behaviour of Aluminium 6061 –CSFA /SiCP Hybrid metal matrix composites"** in Silicon Journal, Springer Nature Publication.

R&D | BOOK CHAPTER PUBLICATION | MCT

Dr.T.A.Selvan, Professor, **MCT** and **Mr.S.Madhankumar,** Assistant Professor, **MCT** have penned a chapter titled **"Multi Objective Optimization on Processing Parameters for Micro ECM of Inconel Alloy using Taguchi based Grey relation Analysis"** for a book **"Functional composite materials: Manufacturing Technology and experimental application"** in Bentham Science Publishers Ltd, Singapore.

R&D | RESEARCH ARTICLE PUBLICATION | CSBS

Dr.V.Arulkumar, Associate Professor, Department of **CSBS** has published a scientific research chapter titled "**A Novel Usage of Artificial Intelligence and Internet of Things in Remote-Based Healthcare Applications**" in "**Advanced Healthcare Systems: Empowering Physicians with IoT-Enabled Technologies**, **Wiley Online Library**" on 29th January 2022. The journal is WoS indexed with an Impact Factor of 1.13.

Wiley Online Library   Search

Chapter 12

A Novel Usage of Artificial Intelligence and Internet of Things in Remote-Based Healthcare Applications

V. Arulkumar ✉ D. Mansoor Hussain, S. Sridhar, P. Vivekanandan

Book Editor(s):Rohit Tanwar, S. Balamurugan, R. K. Saini, Vishal Bharti, Premkumar Chithaluru

First published: 29 January 2022 | https://doi.org/10.1002/9781119769293.ch12

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Summary

A whole host of apps now use IoT (Internet of Things). Smart car parks, smart homes, intelligent cities, smart environments, manufacturing areas, agricultural fields, and health management processes are all implementations of the IoT. In healthcare, such an application makes medical instruments more successful by allowing patient health tracking in real time to capture patient data and minimize human error. In this manner, patient health surveillance is tracked over the IoT. Health IoT is the solution for integrated real-time surveillance of people with psychiatric disabilities at low costs and traffic between the results of patients and the diagnosis of diseases. We have seen the

R&D | PAPER PUBLICATION | ECE

https://ieeexplore.ieee.org/document/9751993

Conferences > 2022 International Conference...

Automated Smart Irrigation System using IoT with Sensor Parameter

Publisher: IEEE   Cite This   📄 PDF

M. Benedict Tephila ; R. Aarthi Sri ; R. Abinaya ; J. Aiswarya Lakshmi ; V. Divya   All Authors

Abstract

Document Sections

I. INTRODUCTION

II. LITERATURE SURVEY

III. PROPOSED SYSTEM

IV. RESULTS AND DISCUSSION

V. CONCLUSION

Authors

Figures

References

Abstract:
In the field of agriculture, precision agriculture is one of the most crucial aspects of countries with enormous populations, fertile land and water resources. Incorporation of smart irrigation will go a long way in enabling the countries to effectively and efficiently use the available water, further using the extra water for the barren lands. In this paper, an IoT-based smart irrigation system is used for building a smart Management device that efficiently uses the available water. The purpose of this Management device is to automatically manage time, avoid under-irrigation and over-irrigation issues, streamline water consumption, distribution and manage the water reserves. This device also employs the open-source clouds, fusion centers, sinks and field-deployed sensors for smart irrigation purposes. The performance is compared with that of other existing methodologies in terms of packet delivery ratio, packets sent to destination, network stability period and energy consumption. Based on the observations of the experimental results, it is identified that the proposed management device saves up to thirty percent of the energy and is seen to offer higher network stability. The proposed work can be used in various irrigation models like lateral move irrigation, surface irrigation, sprinkler irrigation and drip irrigation. The advantage of this management system is that it can be used in third-world countries where only 2G and 3G are available to develop their small farms.

Published in: 2022 International Conference on Electronics and Renewable Systems (ICEARS)

Date of Conference: 16-18 March 2022   DOI: 10.1109/ICEARS53579.2022.9751993

Ms.M.Benedict Tephila, Assistant Professor, Department of **ECE** along with **Final** year **ECE** students **Aarthi sri, Abinaya, Aiswarya Lakshmi** and **Divya** has published a conference paper entitled "**Automated Smart Irrigation System using IoT with Sensor Parameter**" in the 2022 International Conference on Electronics and Renewable Systems (ICEARS). It is a Scopus Indexed conference.

R&D | PATENT PUBLICATION | ECE

(12) PATENT APPLICATION PUBLICATION   (21) Application No.202241015509 A

(19) INDIA

(22) Date of filing of Application :21/03/2022   (43) Publication Date : 15/04/2022

(54) Title of the invention : Design of a Novel Buck Converter to Mitigate the Electromagnetic Interference in Medical Applications

(51) International classification	:H02M0001440000, H02M0007217000, H05K0009000000, H01L0023552000, H01G0004350000	(71)Name of Applicant : 1)S.Sasipriya Address of Applicant :50, Sakthi Nagar, III Street, Kavundampalayam, Coimbatore ----------- --------- 2)Sri Krishna College of Engineering and Technology 3)D.Ruth Anita Shirley Name of Applicant : NA Address of Applicant : NA (72)Name of Inventor : 1)S.Sasipriya Address of Applicant :50, Sakthi Nagar, III Street, Kavundampalayam, Coimbatore ----------- --------- 2)D.Ruth Anita Shirley Address of Applicant :Sri Krishna College of Engineering and Technology, Kuniyamuthur, Coimbatore. ---------- ----------
(86) International Application No Filing Date	:PCT// :01/01/1900	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :
Most of the electrical systems experience Electro-magnetic Interference (EMI) when they are used along with another electrical system. This unwanted effect is caused due to electro-magnetic induction or electro-magnetic conduction. Especially, in the medical applications of Switched Mode Power Supplies (SMPS), the effect of EMI is very adverse. Also, the commonly used semiconductor based medical devices yields unavoidable EMI noise due to its switching activities which results in discontinuous flow of current in the systems. Apart from functional issues, space constraint, cost and robustness, the major challenge is EMI control in the design of medical devices. This invention presents a novel design of buck converter to suppress the effect of EMI in the electrical circuits or systems which deals with very high frequencies. Since the proposed buck converter is exhibiting great resistant to EMI for high frequencies, it is clearly evident that this novel invention is significant in the design of medical devices.

No. of Pages : 7 No. of Claims : 5

Dr. S Sasipriya, Professor and **Ms. D. Ruth Anita Shirley**, Assistant Professor of **Electronics and Communication Engineering** have published a patent titled "**Design of a Novel Buck Converter to Mitigate the Electromagnetic Interference in Medical Applications**" on 15.04.2022 with the Publication no. 202241015509 A.

R&D | PATENT PUBLICATION | EEE

Patent titled **"Use of 5G IoT network to handle moving objects in a smart environment"** has been published by **Dr.B Karthikeyan**, **Dr.T.Kokilavani**, **Dr.D.Gunapriya** faculty members of EEE Department. It has been published in the IPR Journal identified with Appl.No: 202241019214 on 15.04.2022.

4/23/22, 10:07 PM   Intellectual Property India

Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

(http://ipindia.nic.in/index.htm)

INTELLECTUAL PROPERTY INDIA   (http://ipindia.nic.in/index.htm)

Application Details

APPLICATION NUMBER	202241019214
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	31/03/2022
APPLICANT NAME	1 . Dr.K.S.Yamuna 2 . Mr. SABAREESHWARAN.K 3 . Pushpalatha N 4 . Dr.B.KARTHIKEYAN 5 . Dr.C.Muniraj 6 . R.Balakrishnan 7 . Mr.M.Vetrivel 8 . Mr.V.Mani 9 . Dr.GUNAPRIYA DEVARAJAN 10 . Dr.T.KOKILAVANI
TITLE OF INVENTION	Use of 5G IoT network to handle moving objects in a smart environment
FIELD OF INVENTION	COMMUNICATION
E-MAIL (As Per Record)	esdiyeminfotech@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	15/04/2022

R&D| PAPER PUBLICATION| M.TECH CSE

Bug Triaging Automation using Text Processing and Machine Learning Techniques

Dr. Kavitha Rani P *, Keerthi Ranjan K M *, Divyasri K *, Hariharan R *

* Professor, Computer Science and Engineering, Sri Krishna College of Engineering and Technology, Coimbatore, India, kavitharani@skcet.ac.in

*Computer Science and Engineering, Sri Krishna College of Engineering and Technology, Coimbatore, India, kmkeofficial@gmail.com

*Computer Science and Engineering, Sri Krishna College of Engineering and Technology, Coimbatore, India, divikkd01@gmail.com

* Computer Science and Engineering, Sri Krishna College of Engineering and Technology, Coimbatore, India, hariharan7979@gmail.com

Abstract

For well-known software methods, the number of routinely offered bug reports is extreme. Triaging these successful reports is a period-absorbing task. Part of the bug sort is the appointment of a report to a planner, accompanying the appropriate knowledge. In view of this paper, we do suggest at which point, as a matter of typical matter, plan construction workers have the appropriate information for directing a bug report, fixing the acknowledged component identified in the short letter of the bug report. Our work is the first to test the orderly list of architects for forecast truth in bug assignments. Automated categorization and prioritization of bug reports have been examined by many analysts. However, limited progress has been made in this area. In this work, we present bug triaging by way of NLP and machine intelligence.

Keywords

classification, prioritization, bug triaging, NLP, machine learning

1. Introduction

To bug is human, to troubleshoot is divine. According to these surveys, improving the bug-repairing process would reduce development work and operating system result costs. The ultimate fault-finding states of spreadsheet happening are software experimentation and sustenance. A bug report is created for one operating system control of product quality crew while experimenting with programme modules. It holds particularized facts

Electronic copy available at: https://ssrn.com/abstract=4091173

Dr.P.Kavitha Rani, Professor & Head, Department of **M.Tech Computer Science and Engineering** has published paper titled "**Bug Triaging Automation using Text Processing and Machine Learning Techniques**" in Social Science Research Network, Elsevier Publication, ISSN 1556-5068.

R&D | JOURNAL PUBLICATION |CSE

Dr.P.Mohan Kumar, Professor, Department of **CSE,** has published a paper entitled **"RANC -CROP Recommendation Attributed to Soil Nutrients and Stock Analysis Using Machine Learning"** in IETE Journal of Research. This is a Scopus indexed Journal.
DOI:https://doi.org/10.1080/037720 63.2022.2060868

IETE Journal of Research

ISSN: (Print) (Online) Journal homepage: https://www.tandfonline.com/loi/tijr20

RANC-CROP Recommendation Attributed to Soil Nutrients and Stock Analysis Using Machine Learning

Jesline Daniel, R. Shyamala, R. Pugalenthi & P. Mohan Kumar

To cite this article: Jesline Daniel, R. Shyamala, R. Pugalenthi & P. Mohan Kumar (2022): RANC-CROP Recommendation Attributed to Soil Nutrients and Stock Analysis Using Machine Learning, IETE Journal of Research, DOI: 10.1080/03772063.2022.2060868

To link to this article: https://doi.org/10.1080/03772063.2022.2060868

Published online: 27 Apr 2022.

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R&D | PATENT PUBLICATION |CSE

Ms.A.Priya, Assistant Professor, Department of **CSE** has published a patent titled **"Machine Learning Based Automatic Electrodiagnosis Of Carpal Tunnel Syndrome"** on 22.04.2022 with the Application Number: 202221021099.
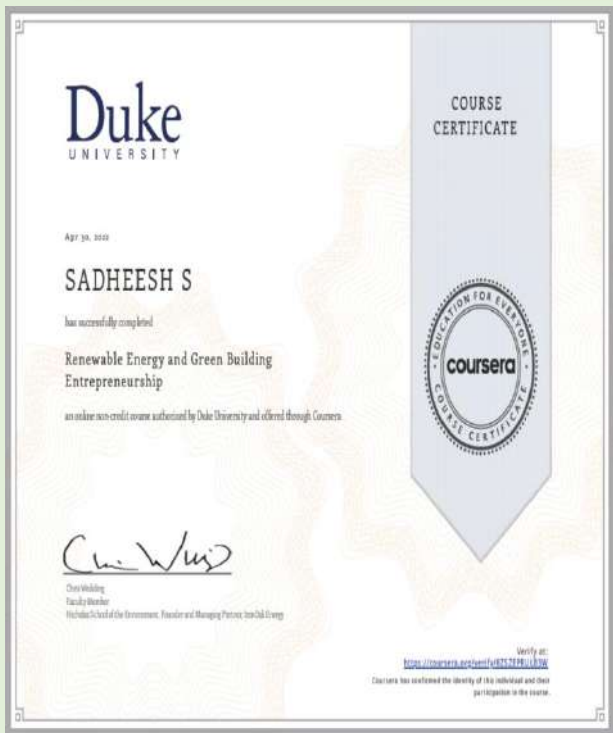
R&D | PATENT PUBLICATION | S&H

Mr.Pradeep S, Assistant Professor, Department of **Science and Humanities** has published a patent entitled **"System to carry over the Campaign Conducively"** on 15.04.2022 with application number 202241017968A.

SKCET

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FACULTY CERTIFICATIONS

CIVIL| COURSERA CERTIFICATION

Mr.S.Sadheesh, Assistant Professor, Department of **Civil Engineering** has successfully completed a course on **"Renewable Energy and Green Building Entrepreneurship"** authorized by Duke University and offered through Coursera.

CSE|FDP ON NEXT GENERATION COMPUTING

Mr.M.Vengateshwaran, Assistant Professor, **CSE** has participated in the one week FDP on **"Next Generation Computing: Key Trends, Challenges and Opportunities"** organized by the Department of Computer Science and Application at SRM Institute of Science and Technology, during 18.04.2022 to 23.04.2022.

CIVIL| NITTT CERTIFICATION

CIVIL| NITTT CERTIFICATION

Following faculty members from the Department of **Civil Engineering** have completed NITTT courses.

S. No	Name of the faculty	Name of the course
1	Mr. A. Jesudass	M2: Professional Ethics and Sustainability
2	Mr. A. Jesudass	M3: Communication Skills, Modes and Knowledge Dissemination
3	Mr. A. Jesudass	M4: Instructional Planning and Delivery
4	Mr. S. Sadheesh	M2: Professional Ethics and Sustainability
5	Mr. S. Sadheesh	M3: Communication Skills, Modes and Knowledge Dissemination
6	Mrs. G. Preethi	M1: Orientation towards Technical Education and Curriculum Aspects
7	Mrs. G. Preethi	M2: Professional Ethics and Sustainability
8	Mr. R. Vighnesh	M1: Orientation towards Technical Education and Curriculum Aspects

IT| INFOSYS SPRINGBOARD CERTIFICATION

Ms.Indhu R, Ms. Sindhu V & Dr. Barakkath Nisha U, faculty members of Information Technology have successfully completed **"Python Programming"** course certified by Infosys Springboard.

MECH| FDP ON PRODUCT DESIGN ENGINEERING USING FUSION 360

Mr. N. Babu, Assistant Professor, Department of **Mechanical Engineering** has actively participated in the Faculty Development Program on **'Product Design Engineering using Fusion 360'** conducted by ICT Academy, Dr. NGP Institute of Technology, from 25.04.2022 to 29.04.2022.

IT| ANALYSIS AND DIAGNOSIS OF BRAIN TUMOUR USING DEEP LEARNING TECHNIQUES

Dr.M.Arunachalam, Professor, Department of **Information Technology** has participated in Two days CSIR sponsored seminar on **"Analysis and Diagnosis of Brain Tumour using Deep Learning Techniques"** organized by the Department of Electronics and Communication Engineering, Kongunadu College of Engineering and Technology, Trichy.
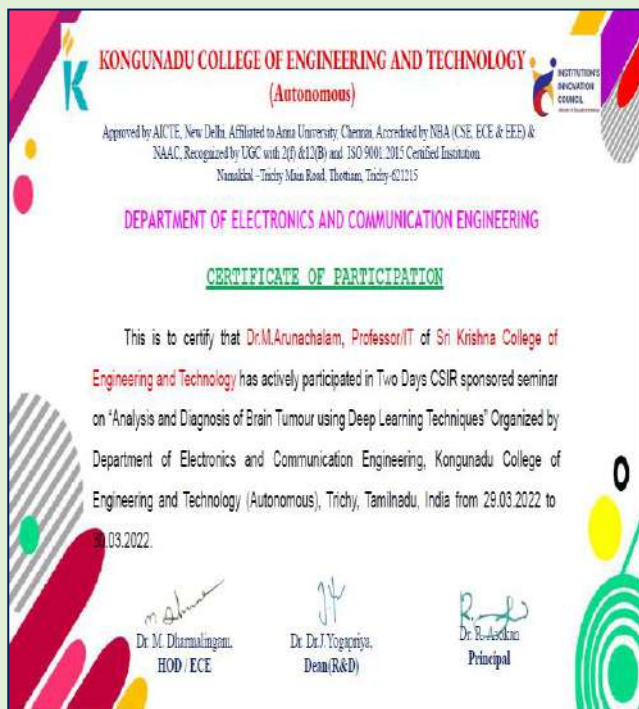
CSE| FDP ON ARTIFICIAL INTELLIGENCE FOR REAL TIME APPLICATIONS

Dr.P.Mohan Kumar, Professor**, CSE** has participated in the one week FDP on **"Artificial Intelligence for Real Time Applications"** organized by the Department of Artificial Intelligence and Data Science, Mepco Schlenk Engineering College from 25.04.2022 to 29.04.2022.

LEGENDARY INSIGHTS

"DO THE BEST YOU CAN UNTIL YOU KNOW BETTER. THEN WHEN YOU KNOW BETTER, DO BETTER."

Maya Angelou

SKCET Buzz

CONFERENCE PRESENTATION

MECH | CONFERENCE PRESENTATION

Dr.K.P.Yuvaraj, Assistant Professor, Mechanical Engineering along with **Nitin Vyas R** and **Nandheesh D T**, students of **Final** year **Mechanical Engineering** has presented a scientific article entitled '**Influence of process parameters on microstructure and mechanical properties of friction stir welded dissimilar joints**' in the 4th International Conference on Advances in Mechanical Engineering (ICAME 2022) organized by SRM Institute of Science and Technology from 24.03.2022 to 26.03.2022.

SKCET

Buzz

PROGRESS....

FACULTY PROGRESSION

CSBS | RESOURCE PERSON – NATIONAL LEVEL SKILL DEVELOPMENT PROGRAMME

Dr.S.Balakrishnan, Professor and Head, Department of **Computer Science and Business Systems** has handled a session on **"Data Science and its Role in our Life"** conducted by VIT Bhopal University jointly with National Skill Development Program on 16.04.2022.

ECE| BEST PAPER AWARD

Dr.A.Albert Raj, Professor , **ECE** department has received the Best Paper Award for the paper titled **"IoT Application in Smart Cities"** in the AICTE sponsored National Conference held at Arunachala College of Engineering for Women on 27.4.2022.

CSBS | JOURNAL REVIEWER

Dr. S. Balakrishnan, Professor and Head, Department of **Computer Science and Business Systems** has sussessfully reviewed the article **"Carbon Emission Reduction of Tunnel Construction Machinery System Based on Self-Organizing Map-Global Particle Swarm Optimization With Multiple Weight Varying Models"** on May 2022 for publication in IEEE Access.

IDIOM OF THE WEEK | ON THE BALL