

2<sup>nd</sup>-8<sup>th</sup>April 2022

#### Editor-in-Chief Dr.J.Janet Principal Co-Editor

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Dr.S.Venkata Lakshmi – AI & DS Editorial Team

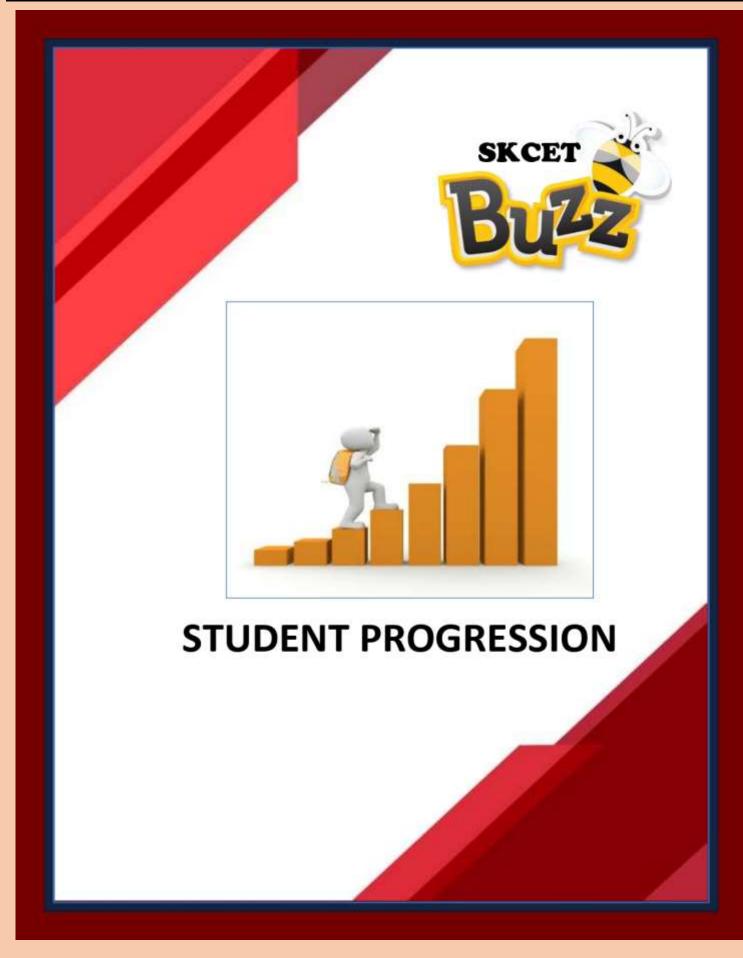
Mrs.S.MaryFabiola - S&H, Mr.S.Sureshkumar – CSE, Mrs.K.Ananthi – MCT



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<b>4</b> STUDENT PROGRESSION	03 - 06
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The senser reading was injected into the vehicles CANBUS for further processing, by the D On detection the prior deterioration, it will be indicated to the drivers cabine via LED and ba-

### MECH| CATERPILLAR IDP-IIT MADRAS CONTEST



Student team **Golden Falcon** from **Third** year **Mechanical Engineering** has submitted their innovative Industrial Project entitled **"Chassis Health Monitoring System"** in the Caterpillar IDP Challenge 2.0 organized by IIT Madras on 31.03.2022.

#### **Team Members:**

- S. JavidFirnas
- S. Sujith
- R. Raj Vigneshwar

**Team Mentor:** Dr.R.Soundararajan, Associate Professor Mechanical Engineering.



### MCT | SAUR URJA VEHICLE CHALLENGE 2022



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



### **ECE** | **IEEE – PROJECT RECOGNITION**

4/4/22, 8:55 AM Sri Krishna College of Engineering and Technology Mail - EPICS in IEEE Approval and Acceptance Packet Assignment Notification



Albert Raj A <albert@skcet.ac.in>

# EPICS in IEEE Approval and Acceptance Packet Assignment Notification

EPICS in IEEE <administrator@grantinterface.com> Reply-To: s.gillespie812@gmail.com To: albert@skcet.ac.in Cc: a.f.moran@ieee.org Sun, Apr 3, 2022 at 10:12 PM

Dear Albert,

Congratulations! You have been awarded \$1,100.00 for your Environment friendly and Efficient Honey Harvest Alert System for Bee Farms project!

**A.Calin, K.Akshaya and A.R.Arunachalam** students of **Third** year **ECE** have been awarded \$1100.00 USD for an Environment friendly and Efficient Honey Harvest system for bee farming project from IEEE's United Engineering Foundation Competition 2022. **Dr A Albert raj**, Professor, **ECE** was the project coordinator of the team.



Sri Krishna College of Engineering and Technology VOL - 4, ISSUE 8 | 2<sup>nd</sup> - 8<sup>th</sup>April - 2022





### **IT|AWS ACADEMY CLOUD FOUNDATIONS**



#### Abinaya L

Certificate of Completion for AWS Academy Graduate - AWS Academy Cloud Foundations

**Course hours completed** 

20 hours

Issued on

Digital badge

https://www.crediy.com/go/52dLd22F





#### Antro Safin M

Certificate of Completion for AWS Academy Graduate - AWS Academy Cloud Foundations

#### Course hours completed

20 hours

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**aws** academy

**Course hours completed** 

20 hours

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04/01/2022

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#### **IT**|AWS ACADEMY CLOUD FOUNDATIONS

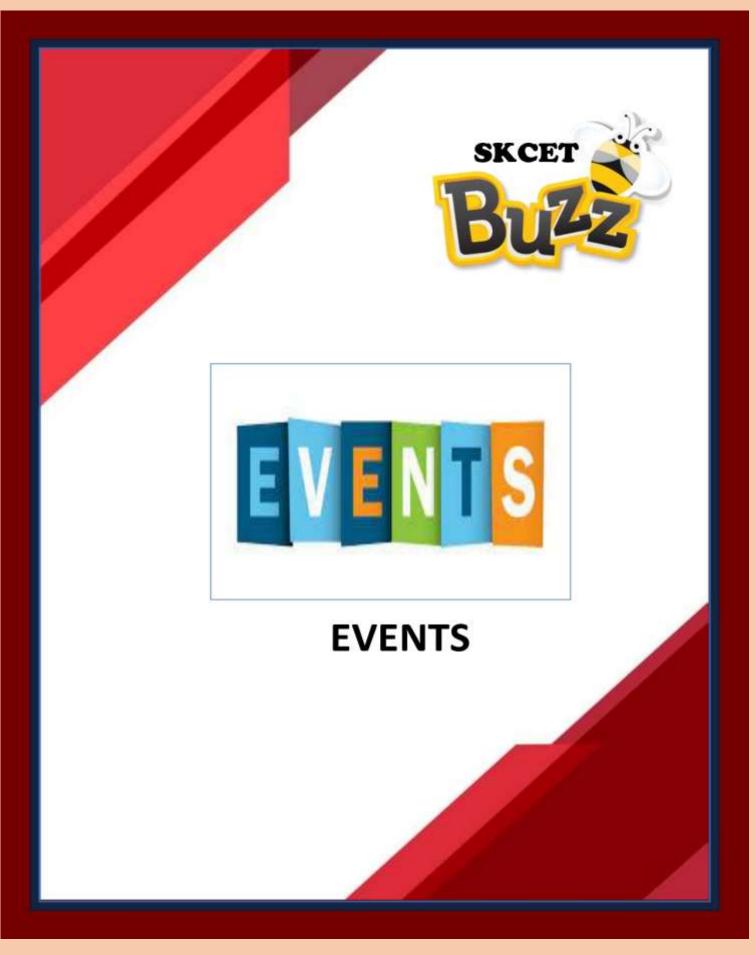
Following students from **Third** year **IT A** have been certified for successfully completing **"AWS Academy Graduate -**

#### AWS Academy Cloud Foundations" on 04.01.2022.

Abinaya	Abirami
Abishek	Akshayaa D
Anbarasu	AntroSafin
AnuGaythri	BalajiYaswanth
Balamurugan	Chandru S
Deenathayalan	Devinraj
Divesh	Divya
Ezhilvanan	Gayathri J S
Gokul Krishnan	Gokul R
Harini	Ilakiya
AncySneha	Dharaneesh
Aravind	Dharan Kumar
Girijesh	GokulAnandh
Ajith Kumar	Abishek R
Guru Prasanth	DhanaKrishnaMoorthy
Jaisree	Janani



Sri Krishna College of Engineering and Technology VOL - 4, ISSUE 8 | 2<sup>nd</sup> - 8<sup>th</sup>April - 2022





#### **S&H |DST-SHRI BOOK RELEASE**



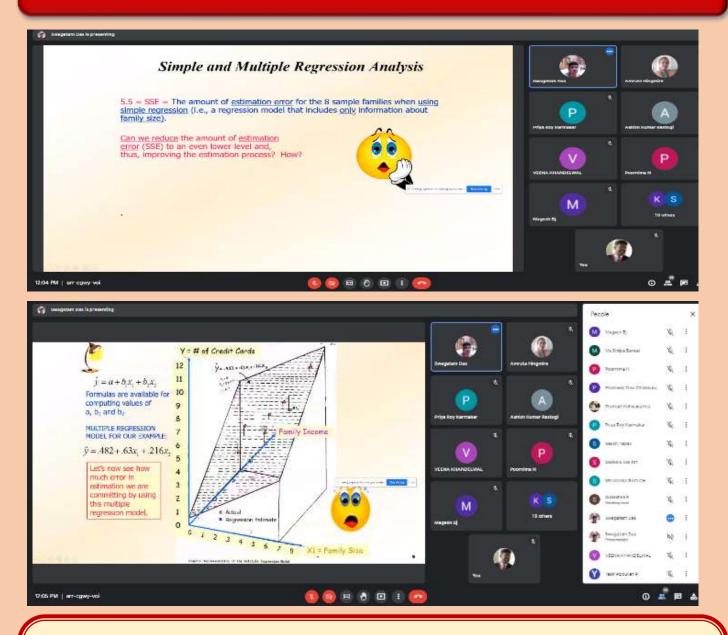
A book entitled "AKKAMMA – THE BRAVE HEART OF THE BLUE MOUNTAINS" was released by the Mayor of Coimbatore Mrs. Kalpana Anandakumar on 06.04.2022.

The book was authored by **Dr. A.Amutha** and **Dr.A.Karthika** Associate Professors from the Department of **Science and Humanities** of Sri Krishna College of Engineering and Technology which is a part of DST-SHRI project.**Dr.V.Ragavi**, Head of Department of **Science and Humanities** felicitated the Mayor with a bouquet. Dr.A.Amutha as Principal Investigator and Dr.A.Karthika as Co- Principal Investigator of the project presented a shawl to the Mayor.

This book is exclusively about the first tribal women **Mrs. Akkamma Devi** who entered the Parliament and worked tirelessly for the welfare of the women. It is highly enriching factor that this book has been released by the first women Mayor of Coimbatore Mrs.Kalpana Anandakumar



### **CSBS | FDP ON DATA MINING & ANALYTICS**



Faculty Development Program on "Data Mining and Analytics" was conducted by Tata Consultancy Services on 29.03.2022 for the faculty members. Mr. Mageshwaran B.J, TCS and Dr. Swagatham Das, HoD, Electronics and Communication Sciences Unit, Indian Statistical Institute, Kolkata were the Resource People. Mr. R. YasirAbdulah, Assistant Professor, CSBS attended the event representing our Institution.

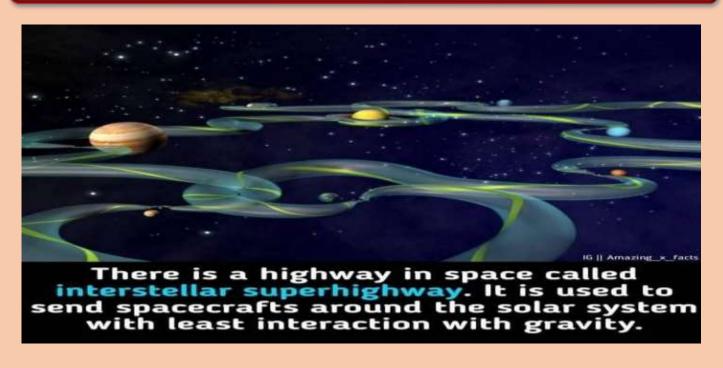


### **CSBS**| FDP ON INFORMATION SECURITY



Tata Consultancy Services conducted Faculty Development Program on **"Information Security"** on 30.03.2022 for the faculty members handling the course all over India. The event was facilitated by **Mr. Mageshwaran B.J**, TCS. **Dr. SubhamoyMaitra,** Professor, Applied Statistics Unit, Indian Statistical Institute, Kolkata was the resource person. He gave insights on the syllabus and asked suggestions from the faculty representatives. **Dr. S. OswaltManoj**, Assistant Professor, **CSBS** attended the event representing our Institution.

### **DO YOU KNOW?**

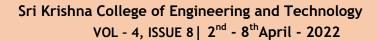




### ECE |IMPACT OF IOT IN UPCOMING ERA



Department of **Electronics and Communication Engineering** organized a webinar on **"Impact of IoT in upcoming era". Mr.Pratheep,** Application Engineer, CADD Technologies, Coimbatore was the Resource Person. Industrial Revolution, Machine to Machine Communication, Platforms of IOT, IoT Communication Protocol and IoT Trends were the session highlights.









#### **R&D**|JOURNAL PUBLICATION |EEE



A comprehensive review of the prospects for rural electrification using stand-alone and hybrid energy technologies

P. Paudiyan,", B. Otharthan,", E. Zaravanan,", Natarajan Probaharan,", M. Rangi Tiwari, T. Chinzadurai, T. Yuvani,", K.B. Devabalat."

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ARTTRACT

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Dr.Ramji Tiwari, Assistant Professor, **EEE** has published a paper entitled "A comprehensive review of the prospects for rural electrification using stand-alone hybrid and energy technologies"in Sustainable Energy Technologies and Assessments with anImpact Factor: 5.353. It is SCI & Scopus indexed.

DOI: https://doi.org/10.1016/j.seta. 2022.102155.

#### **R&D**|JOURNAL PUBLICATION | EEE

Dr.B.Karthikeyan, Associate Professor, EEE has published a paper entitled "Nano scale grapheme plasmonics logic gate based on the plasma dispersion effect" in Optical and Quantum Electronics with an Impact Factor: 2.084. It is SCI & Scopus indexed. DOI:https://doi.org/10.1007/s110 82-022-03660-5

Optical and Quantum Electronics (2022) 14:21/9 https://dul.org/10.3007/s11082-022-03660-5

Nanoscale graphene plasmonics logic gate based on the plasma dispersion effect

A. M. Balamurugan<sup>1</sup> - B. Karthikeyan<sup>2</sup> - Homa Farmani<sup>3</sup>

Beiselwed: 16 Densember 2021 / Acception. 3 Merch 2023 © The Author(s), under electrone transmiss Transport Science+Business Media, LLC, part of Springer Nature 202

Abstract A plasmonic logic gate based on a tunable graphene in the mgion of near infrared (NIR) requestices has been reported. The electric basing effects are studied to control the trans-mission of the guided mode mesonances. In the proposed configuration, while graphene is used as a substante for graphene. Analytical and numerical mutits excitation that the guided mutation of the guided mode mesonances, the the material state of the propagation of the guided mode mesonances can be manipulated and fower types of logic gates includ-ing AND, OR, and XOR are obtained. The magnitude of the applied electric voltage is 0.1 wW with the tooptrof 1.4  $\mu$ m to 8.8  $\mu$ m < 0.26  $\mu$ m. Rostok, the proposed mutatractional logic gate shows an extinction ratio of 20–50 dB at the wavelength of 7.5  $\mu$ m. This high in the progression of nanc-scale practical on-chip applications such as plasmonic memory devices.

Keywords: Nanoscate - Optical Looic Gate - Graphene - Plasmons

#### 1 Introduction

One of the most impertant devices an nano-scale logic gales, employed widely in bio-computing systems (Fu et al. 2012; Rani et al. 2013; Youngblood et al. 2014), molecular computers (Wu et al. 2011, 2010), photone microprocessors and optical signal processors are (Rani et al. 2016; Pita and Katz 2008; Andreasson et al. 2011; Jang et al. 2015), and

# Homas Parmani. Insign of anner het 52 @gmail.com A. M. Batanurugan Informungan(PRO: Øgmail.com

- B. Karthkoyan Southkey antifikkant as in
- Department of HCE, St. Joseph's Catings of Engineering, Chernic 600119, Indus Department of HCE, Br. Krishna Catlege of Engineering and Tachienegy, Countinson 6(1000), Teda

School of Nano, Lorostan University, Khoramalid, Iran

Published online: 30 March 2022

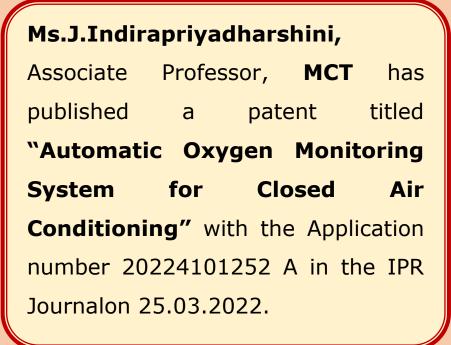
2<sup>nd</sup> - 8<sup>th</sup> April - 2022 | Weekly Newsletter

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#### **R&D**|**PATENT PUBLICATION** | MCT



(12) PATENT APPLIC (19) INDIA	CATION PUBLICATION	(21) Application No 202241011252 A
(22) Date of filing of Application -02/03/2022		(43) Publication Date 25:03/2022
(54) Title of the invest AREAS	ion : AUTOMATIC OXYGEN LEVEL N	IONITORING SYSTEM FOR CLOSED AIR CONDITIONING
(51) International classification (86) International Application No Filing Data (61) Philat of Addition Filing Data (62) Ottomanal to Application Number Filing Data		(/IName of Applicant : INNDRAYRRY ADHASSIINSJ Adhros of Applicant ASSIST ANT PROFESSOR, DEPARTMENT OF MECHATRONICS ENGINEERING, SIX KASISINA COLLEGE OF ENGINEERING AND TELINOLOGY COMBATORE 20247JAGTMINICAN R 3)DR.ASANJEEVI GANDHI 4)R.GOKIL A. 5)TSIVARANAJANI Name of Applicant : NA Address of Applicant : NA Address of Applicant : NA Address of Applicant : NA Address of Applicant : NA C) Name of Applicant : NA Address of Applicant : NA Address of Applicant : NA C) Name of Applicant : NA Address of Applicant : NA C) Name of Applicant : NA Address of Applicant : NA Address of Applicant : NA NAME OF Applicant : NA Address of Applicant : SNA DEFAMINE TO FEE, SI SARRAM ENGINEERING COLLEGE, WEST TAMBARAM CHEINNAL Address of Applicant : ASSICATE PROFESSOR DEPARTNEENT OF EEE, SI SARRAM ENGINEERING COLLEGE, WEST TAMBARAM CHEINNAL Address of Applicant : ASSICATE PROFESSOR DEPARTNEENT OF EEE, SI SARRAM ENGINEERING COLLEGE, WEST TAMBARAM CHEINNAL Address of Applicant : ASSICATE PROFESSOR DEPARTNEENT OF EEE, SI SARRAM ENGINEERING COLLEGE, WEST TAMBARAM CHEINNAL Address of Applicant : ASSICATE PROFESSOR DEPARTNEENT OF EEE, SI SARRAM ENGINEERING COLLEGE, WEST TAMBARAM CHEINNAL Address of Applicant : ASSICATE PROFESSOR DEPARTNEENT OF EEE, SI SARRAM ENGINEERING COLLEGE, WEST TAMBARAM CHEINNAL DEPARTNEENT OR COMBARTORE DEPARTNEENT OR COMBARTORE DEPARTNEEN
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### **R&D|JOURNAL PUBLICATION| EEE**



Sustainable Energy Technologies and Assessments Volume 52, Part B, August 2022, 102088

3-Phase multi-inverter with cascaded H-bridge inverter designing and implementation for renewable system

#### 5. Jayaprakash \* A 49, R. Balamurugan <sup>9</sup>, S. Gopinath <sup>6</sup>, T. Kokilavani <sup>4</sup>, S. Maheswaran \*

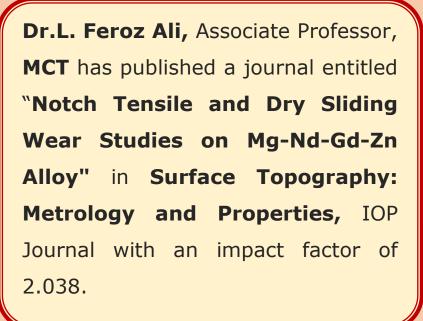
- <sup>1</sup> School of Electrical and Electronics Engineering, Sathjabama Institute of Science and Technology, Chennal, Tamimudu, India
- <sup>8</sup> Deplatment of Electrical and Electronica Engineering, XSJ/anguaamy College of Technology (Autonomous), Truchengode, Tamil Wadu, India
- <sup>a</sup> Department of Electrical Engineering, Annarabio Dango Callege of Engineering and Technology (Actometry, Adda, Maharashira, India)
- <sup>4</sup> Department of Electrical and Electronics Engineering, Sri Kristma College of Engineering and Technology (Autonomous), Coinclusione, Tamil Naclu, India
- \* Department of Electronics and Communication Engineering, Xongu Engineering College (Autonoroout), Perundensi, Tamil Nado, India

Reteived 29 October 2021, Revised 1 February 2022, Accepted 13 February 2022, Available online 1 April 2022,

Dr.T.Kokilavani, Assistant Professor, EEE has published a paper entitled "3-Phase multiinverter with cascaded Hbridge inverter designing and implementation for renewable system" in Sustainable Energy Technologies and Assessments (Elsevier) with an Impact Factor of 5.353.



#### **R&D**|JOURNAL PUBLICATION| MCT



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References • Open science •	
+ Article information	Abrinia
	Felorenze
Abstract	
This main purpose of the present research is to investigate the properties of wear and tensile in	
mosth and notch conditions of the heat-treated Mg-Rd-Ed-Zn alloy. The material applications such	
as complex helicopter pear bee casing piston and brake actuating components dimunds tensile data	

### **R&D** | ARTICLE PUBLICATION | MECH

Advances in Materials Science and Engineering Volcare 2022, Article (D. 043/18, 9 pages Interchlorouge/1821/55/2022/8340/88 🕦 Hindawi

#### Research Article

#### Investigation on Corrosion Behaviour of LM25-SiCp Composite Using Taguchi Method

R. Suresh Kumar<sup>0</sup>,<sup>1</sup> S. Senthil Kumar<sup>0</sup>,<sup>2</sup> C. Rajendran<sup>0</sup>,<sup>3</sup> Samson Jerold Samuel Chelladurai<sup>0</sup>,<sup>3</sup> and Gizachew Balcha<sup>0</sup>

<sup>1</sup>Department of Michanical Engineering. St Edwart College of Engineering, Combuten, Tamil Nada, India <sup>1</sup>Department of Michanical Engineering, RMK Gillege of Engineering and Echoology, Padawoyal, Tamil Nada, India <sup>1</sup>Department of Michanical Engineering. St Kristina College of Engineering and Tachnology, Combutene 641008, Endia <sup>1</sup>Department of Control Engineering, College of Engineering and Control Engineering Adds: Adult Science and Technology University, India Science, Estings

Correspondence should be addressed to R. Sarein Kumar, rds777mech@gmail.com and Ginachew Bakhar, ginachew bakha@anta.edu.et

Becefved 10 January 2022; Revised 4 March 2022; Accepted 18 March 2022; Published 30 March 2022

Academic Editor: Michele Fedel

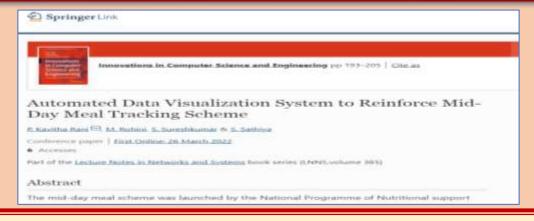
Copyright © 3022 R. Stovels Kumer et al. This is to open access article distributed ander the Creative Commune Methodox likense, which permits accessible and, distribution, and reproduction in any medium, pervoked the original work is properly cited.

The sim of this investigation is to optimize the process parameters to obtain minimum correston rate and weight loss of AUSO/p metil matic composites. A "signable based gaps relation analysis was considered. The working range of each process depped in 5% SOC Solution, well& of SOC and aging at 10°C for hours were considered. The working range of each process parameters were fixed based on minimum weight loss and low currents rate. The test was caused out using Tagoch based graps relationship analysis. These factor these level 10 orthogonal error was used and output responses nucl a weight loss and controls net were calculated. Based on the grap relationship analysis, the rate of each process parameters was calculated. Based on the F wides, the vol. % of SoC (34.25%) on the meth matrix compared followed by randor of hours samples interested in 3% NGL solution (33.3%) and gaps at 10% (or hours [55.7%) were found as influencing parameters as no corresion rate and weight loss. The ratios of corroshed samples was investigated and reported. Dr.C.Rajendran and Dr. C. Samson Jerold Samuel, Associate Professors, Department of Mechanical Engineering have published a scientific research article titled 'Investigation on corrosion behavior of LM25-SiCp composite using Taguchi method' in Advances in Materials Science and Engineering - A Hindawi publication. It is a WoS and Scopus Indexed Journal with impact an factor of 1.726.

in notri conditions and wear characterizations. The alloy was characterized for microstructure,



### **R&D | JOURNAL PUBLICATION | M.TECH CSE**



**Dr.P. Kavitha Rani,** Professor & Head, Department of **M.Tech CSE**, along with **Mr.S.Sureshkumar** and **Mrs. M.Rohini**, Assistant Professors, **M.Tech CSE**, have published a paper entitled "**Automated Data Visualization System to Reinforce Mid- Day Meal Tracking Scheme**" in Innovations in Computer Science and Engineering.This is a Lecture notes in Network and systems Springer book series (LNS,Volume385). DOI:https://doi.org/10.1007/978-981-16-8987-1\_21.

#### **R&D | JOURNAL PUBLICATION | CSE**

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1	p-I55N:2231-3850		
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tancel Report	TIDE 1 INFLORENTING AN EFFICIENT DATA DEDUPLICATION FRAMEWORK FOR CLOUD STORAGE		
vigitier UCL Name	Authors 1: Mrs. J Grana Jeslin, Dr. F. Hahan Kumar		
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RINELICS	Innae Date: 1 Jan Feb 2022		
Littrad linest	Abstract : Weelers Server Network (MSN) is a collection of the sample devices capable of		
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Name of Street, St Street, Street, Str	replacement results in the coverage hale problem, resulting in information lass. This paper		
Call for Papers Cannot Have	introduces a State-or-to-Coverage Transformed Relaying (SCTR) method to lease information loss due to convectivity issues. The proposed method relies upon a conclusiv-		
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avried links from	transmission intervals presenting additional delay due to re-discovery. The transmission		
Spen Acres Subment	we confined in the provided interval recommended, based on connectivity and coverage. The performance of the proposed method is analyzed using coverage rate, data into rate.		
Pater setues it they and they are the independent	and energy consumption. The proposal method improves the coverage factor by 7.825, reduces data ion by 9.64%, and energy consumed by 8.49% far different unconvected		
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**Dr.P.Mohan Kumar,** Professor, **CSE** has published a paper entitled "**Implementing an Efficient Data Deduplication Framework for Cloud Storage**" in the Indian Journal of Computer Science and Engineering. It is a Scopus indexed Journal. ISSN: 0976-5166.

DOI:https://doi.org/10.21817/indjcse/ 2022/v13i1/221301046.

2<sup>nd</sup> - 8<sup>th</sup> April - 2022 | Weekly Newsletter



#### **R&D** | **PATENT PUBLICATION** | IT

 (1) PATENT APPLICATION VIETE/ATION
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No of Paper 22 No of Classes 4

Patent titled **"Machine Learning** Based Real Time Control of Launch Vehicles using Wireless Sensor Network" filed by Dr.V.Anandkumar, Professor, IT has been published in the IPR Journal identified with Appl.No: 202241010455 A.

### **R&D** | JOURNAL PUBLICATION | IT

Dr.M.Mohammed Mustafa, Associate Professor, Department of Information Technology has published a Book Chapter titled "Real-Time System for Forecasting **Natural Disasters** Using the Social Network" in Springer Book the series Multimedia Technologies, Internet of Things Environment, Vol 3,pp 107-117.

Multimedia Technologies in the Internet of Things Environment, Volume 3 pp 107-117

Real-Time System for Forecasting Natural Disasters Using the Social Network

M. Mohammed Mustafa S & Korhan Cengiz

Overter First Online 05 April 2022

Part of the Shades in Big Data book series (5802) volume 1081

#### Abstract

Online social network billions of consumers everywhere the earth where people work together and share evidence related to domain events. The notice nearly indicates what is occurring on around a private and furthermore around the pensor's area. This small substance with genuine data when prepared with some factual instrument may assist us with predicting a certifiable occasion. Enlivened by the thought we propose a way to anticipate the violent wind



Sri Krishna College of Engineering and Technology VOL - 4, ISSUE 8 | 2<sup>nd</sup> - 8<sup>th</sup>April - 2022





#### PLACEMENT | TESTIMONIAL BY PLACED STUDENTS



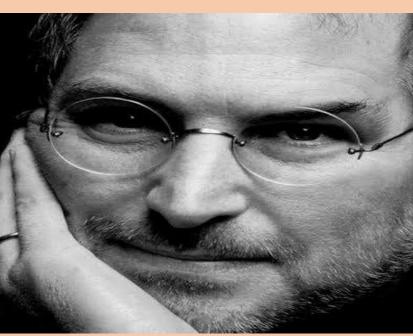
Choosing SKCET was one of the best decisions I have ever made. I am grateful to be taught by excellent faculty members who supported at each and every step. Also, I would like to thank the placement team for their immense support, and encouraging me during tough times. I am lucky to be part of this great Institution. The various trainings and mentoring guided placed in Cognizant me to qet Technologies. Four years in SKCET was just fantastic and a memorable one.

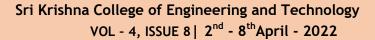
FazilMohammed.T EEE [2022Batch] Cognizant Technology solutions -4 LPA

#### **LEGENDARY INSIGHTS**

\* The only way to do great work is to love what you do. If you haven't found it yet, keep looking. Don't settle. As with all matters of the heart, you'll know when you find it.

- Steve Jobs











#### **CIVIL | CLASS COMMITTEE MEETING – III YEAR**



**Class Committee Meeting** was conducted for the Pre- final year Civil Engineering students bv Dr. N. Balaji, Associate Professor, of **Mechanical** Department Engineering on 31.03.2022. The pointers of discussion were: Hostel accommodation and transport facilities, Subjects and laboratory sessions, placement training sessions and academic activities.

#### **INFOGRAPHICS**

# **FIGURATIVE LANGUAGE**

#### Simile

A simile is a type of figurative language which is used to compare one thing against another. Similes compare the likeness of two things and often feature the words 'like' or 'as': "As strong as an ox/ As brave as a lion."

#### Oxymoron

An oxymoron is a term which features two words which appear to contradict each other but make sense of the situation overall.

· For example: That woman is pretty ugly.

#### Idiom

An idiom is a phrase which bears no literal meaning to the situation it is describing but it implies the facts or story behind it.

· For example: There is a silver lining in every cloud.

#### Metaphor

A metaphor is a phrase describing something as something it is not in reality. It is used to compare two things symbolically. A metaphor literally describes something as something it is not. "Love is a battlefield"

#### Hyperbole

A hyperbole is a figure of speech which exaggerates the meaning of a sentence.

· For example: My granddad is as old as time.

#### Personification

Personification is a type of figurative language. It is used to give an inanimate object or item a sense of being alive. The speaker would talk to the object as if it could understand and was intelligent.

· For example: Why are you so heavy, suitcase?



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#### MECH| FDP ON MODERN MATERIALS, ADVANCED TECHNOLOGIES FOR INFRASTRUCTURE & MODELLING OF MECHANICAL BEHAVIOR OF COMPOSITE MATERIALS

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Mr.J.Baskaran, Mr.S.Balamurugan, Mr.J. Dhiyaneshwaran, Dr.R.B.Manoram and Mr. R. Siva Subramanian, Assistant Professors, Mechanical Engineering have actively participated in an online Faculty Development Program on 'Modern Materials, Advanced Technologies for Infrastructure &Modelling of Mechanical Behavior of Composite Materials' organized by Vel Tech High Tech College, Chennai from 14.03.2022 to 19.03.2022.



#### MECH| FDP ON MICROSOFT AZURE DATA FUNDAMENTALS



Mr.R.Siva Subramanian, Mr.S.BaluMahandiran and Mr.J.Baskaran, Assistant Professors, Department of Mechanical Engineering have actively participated in the Faculty Development Program on 'Microsoft Azure Data Fundamentals' conducted by ICT Academy from 28.03.2022 to 30.03.2022

### **CSBS**|MATHWORKS CERTIFICATION



Mr.M.Manicka Raja, Assistant Professor, CSBS has successfully completed a certification course on Machine Learning Onramp offered by MathWorks on 06.04.2022.



#### **CSBS** JURY PANELIST



Dr. S. Balakrishnan, Professor and Head, Department of Computer Science and Business Systems has been the Jury Panelist in "South Indian ASDF Awards - SIAA 2022" hosted by the ASDF South India Chapter on April 2 2022.

#### CSE| BIG DATA ANALYTICS AND MACHINE LEARNING



#### Mr.M.Vengateshwaran,

Assistant Professor, **CSE** has participated in the one week FDP on "**Big Data Analytics and Machine Learning**" conducted by the Department of Information Science and Engineering, East Point College of Engineering and Technology, Bengaluru from 26.03.2022 to 01.04.2022.



#### **IT | MICROSOFT AZURE DATA FUNDAMENTALS**



Ms.Sruthi Anand, Assistant Professor, Department of Information Technology has participated in the Faculty Development Program on "Microsoft Azure Data Fundamentals" conducted by ICT Academy from 28.03.2022 to 30.03.2022.

#### **IT| INFOSYS SPRINGBOARD**





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Prof. Diwakaran M SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY, COIMBATORE for publishing a microsite during the Train of Dragtam on Creating Microsite

infosys Springboard conducted by infosys Umited from January 24 to January 27, 2022. Congrotulational You make us provid!



Mr.M Diwakaran, Assistant Professor, Department of Information Technology has successfully completed a microsite during the Train the Trainer program on "Creating Microsites Infosys SpringBoard" conducted by Infosys Limited.









Dr.D.Maruthachalam, HoD, Civil along Mr.S.C.Boobalan, Assistant with Professor, Civil Engineering have presented their paper on "Relevance **Vector Machine Tools for Evaluating** the Strength Parameters of HPC incorporating Quarry Dust and Mineral Admixtures with Fibres" in the Second International Conference on Information Technology (InCITE) organized by Amity University, Uttar Pradesh held on 3<sup>rd</sup> and 4<sup>th</sup> of March 2022.

#### **EEE | CONFERENCE PRESENTATION**

Dr.S.Sivaranjani and Dr.P. Vinothkumar, Associate Professors, EEE has presented a research paper entitled "Smart Monitoring of Distribution Transformer Performance Condition using IoT" in the IEEE Sponsored International Advanced Conference on Computing and Communication Systems (ICACCS) 2022 at Sri Eshwar College of Engineering, Coimbatore held on 25th and 26<sup>th</sup> March, 2022.

















Following faculty members from the Department of **Civil Engineering** have presented their papers in the Second International Conference on **Sustainable Infrastructure with Smart Technology for Energy and Environmental Management** (SIC – SISTEEM - 2022) organized by Bannari Amman Institute of Technology, Sathyamangalam held during 24<sup>th</sup>& 26<sup>th</sup> March 2022.

Name of the authors	Title of the paper		
Mr. S. Sadheesh	<ol> <li>Effects of air Pollution due to vehicle emission in Coimbatore: A reduction strategies – A Review</li> <li>Monitoring and analyzing the effect of heavy metals in air based on ecological and health risks in Coimbatore</li> </ol>		
Dr.P.Saravanakumar	Regur soil modification with construction and demolition waste – A review		
Dr.S.Ramakrishnan	Investigation on durability study of fibre reinforced concrete		
Mr.A. AswinBharath	Economically improving the quality of construction through six sigma and cost benefit analysis		
MILA. ASWITDHATAUT	Second best Paper award under the theme smart and sustainable construction		



### **ECE**|CONFERENCE PRESENTATION



Dr V Nandalal, Professor, ECE has presented a paper titled "Improved LoRa Based Safety Smart Device for Woman Protection" in the International Conference on Advanced Computing and Communication Systems organized by Sri Eshwar College of Engineering, Coimbatore during 25th and 26<sup>th</sup>, March 2022.

#### **CSE | CONFERENCE PRESENTATION**

Mr.M.Vengateshwaran, Assistant Professor, Department of CSE, has participated in the two davs International Conference on Machine Learning Applications in Applied **Mathematics** Sciences and (IVCMSM 2022) and has presented a "Probabilistic entitled paper Techniques for Location Based Using Computational Services Intelligence", Easwari Engineering College on 30.03.2022 and 31.03.2022.

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Mr.S.Sadheesh, Assistant Professor, Department of Civil Engineering has presented a paper on the topic "The relative impact of pollutant concentration in industries over the quality around ambient air the industrial zone SIDCO – Kurichi using spatial distribution" in the International conference on "Sustainable Practices and Advancements in Civil Engineering 2022" held at PSG Institute of Technology and Applied Research on 11<sup>th</sup> and 12<sup>th</sup> March 2022.

#### **TECHNOGRAPHICS**

