





27th November - 3rd December, 2021



Institution's Innovation Council





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SKCET | IIC PERFORMANCE RATING 2021





SKCET | IIC PERFORMANCE RATING 2021



IIC OF SKCET SPARKLES WITH 4 GOLDEN STARS

Our achievements are shaped by the strength of the foundations we set!

The Institutions Innovation Council (IIC) of SKCET has been bestowed with 4 golden stars and 100 full points for its outstanding performance for the year 2020-2021 performance ratings published in the annual performance result 1.12.2021. The announcement event on council highly appreciated IIC team of SKCET for the successful organization of SIH, Toycathon and many more events pertaining to Innovation, Entrepreneurship. Chief **IPR** Guest event Prof.Anil.D.Sahasrabudhe, Chairman, AICTE and Guest of Honor, Prof.Rajneesh Jain, Secretary, UGC addressed all the IIC members of IIC institutions, Innovation Ambassadors (IAs) and student participants of National Innovation Contest (NIC).



SKCET | IIC PERFORMANCE RATING 2021 -**GLIMPSES**











The pursuit of excellence has no end!

The Academic Leadership Team of SKCET witnessed the glorious moment. It was a memorable occasion for our Principal Madam - President of IIC, Convener Dr. P. Ashoka Varthanan, Heads of Various Departments and the faculty fraternity.



SKCET | IIC PERFORMANCE RATING 2021 -**GLIMPSES**













27th Nov - 3rd Dec,2021



IMPLEMENTATION OF NEP 2020: CHALLENGES AND OPPORTUNITIES FOR EDUCATIONAL **INSTITUTIONS**



Education Promotion Society for India (EPSI) organized a National Conference on "Implementation of NEP 2020: Challenges **Opportunities** for and **Educational** Institutions" 30.11.2021 Bengaluru. on at Respected Chairperson Madam, Vice President of EPSI with Prof.Anil.D.Sahasrabudhe, Chairman, AICTE along inaugurated the event by lighting the lamp. Madam was a part of the discussion and delivered the Vote of Thanks.



SKI | MOU WITH CAPGEMINI



Understanding (MoU) The of Memorandum exchanged on Full stack Java and Embedded Domains with 29.11.2021. **Chairperson Capgemini** on and Managing **Trustee Madam** of Sri Krishna Institutions signed exchanged the MoU with Mr.Chandra Reddy, MD, Capgemini, Mr.Jagadeesh and Kuncham, VP, Capgemini. Principal Madam **Dr.J.Janet**, elaborated the various **CoE** models which are successfully implemented in our college to team Cappemini. The intention of this academic collaboration is to bridge the gap between Academia and Industry and to explore new cutting edge niche from technologies and make the students industry ready.

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ECE | COE IN EMBEDDED SYSTEMS





Sri Krishna College of Engineering and Technology in association with Cappemini Engineering, a global leader in consulting, technology services and digital engineering has opened a **Centre of Excellence (CoE)** in Embedded Systems with an aim to nurture young talents.

As part of the association, few faculty members of SKCET will be trained and students will have an opportunity to work on realtime cases that will expose them to actual work scenarios and an intern at Capgemini Engineering. The team will mentor and review their work to ensure that the students are industry-ready by the time they graduate.

Cappemini Engineering helps institutions thrive in an open and rapidly changing world and together aiming to provide a new opportunity for students to learn and work on emerging areas of technology.



ECE | COE IN EMBEDDED SYSTEMS - GLIMPSES











27th Nov - 3rd Dec,2021



SKCET | PRINCIPAL INTERACTION WITH STUDENTS



Principal Madam of SKCET, Dr.J.Janet had an exclusive domain based interaction with the **Second** year students at Convention Hall on 3.12.2021. With the students incepted well into their department this igniting talk created a niche to align their road maps towards prospective career growth and our readiness to nurture the Best version of themselves at SKCET. As a starter, Madam highlighted the achievements and the Best Practices of SKCET.

KEY THEMES OF INTERACTION:

- Importance of discipline and code of conduct of the students. Freedom with Discipline
- SKCET industry tie-ups and industry ready courses.
- Exposure to Hack culture and coding contest. Need for the product development which is of social importance.
- Placement and job opportunities, Building CV, Problem solving skills, Communication and soft skills.
- Insisted the need for masking, Social distancing, immunity boosting lifestyle to stay safe and healthy.

27th Nov - 3rd Dec, 2021



SKCET | PRINCIPAL INTERACTION WITH STUDENTS









27th Nov - 3rd Dec, 2021



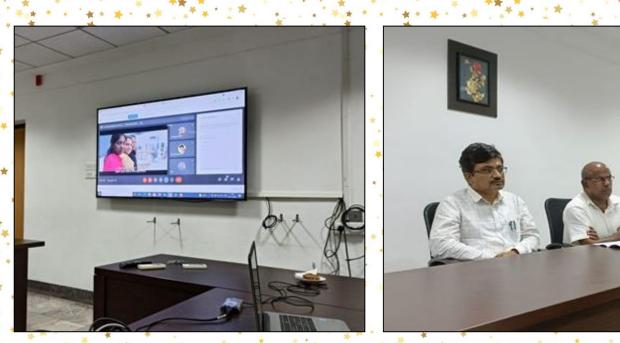
SKCET | PRINCIPAL INTERACTION WITH STUDENTS







SKCET | SAMBHAV - E NATIONAL LEVEL AWARENESS PROGRAM ON ENTREPRENEURSHIP





Ministry of Micro, Small and Medium Enterprises (MSME) organized a webinar entitled **'SAMBHAV National** level awareness program Entrepreneurship' hosted by Sri Krishna College of Engineering and Technology on 25.11.2021. Students and faculty members from Daanish Ahmed Institute of Technology, Bannari Amman Institute of Technology and Kalaignar Karunanidhi Institute of Technology attended the webinar through online (Youtube). Mr. Gowtham Siddharth, Director - Linga Technologies was the Chief Guest of the event. The MSME officials motivated the students to choose entrepreneurship and also briefed about the various schemes of MSME.

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CIVIL | OPEN INNOVATION CHALLENGE







K.Abinaya, R.P.Thamil Selvan and M.Aldin Rino, students of Final year Civil Engineering, have won best prototype model making video with cash price of Rs. 4000/- in the event "Open Innovation Challenge" conducted by Vel Tech, Chennai. The team was placed 9th out of 120 teams. The team was mentored by Mr.V.Yogeshwaran, Assistant Professor, Civil Engineering.



IT | AMBASSADORS OF EDUCATION





Krupaasree, Harini, Kiruthika and Ramanathan, students of Second year IT have secured First Place in the Eureka 2021 event conducted by IEEE Pune Section Maharashtra. Out of 247 teams participated all over India, IT team has bagged the First prize worth Rs.15,000/- in the National level Eureka program 2021. Eureka 2021 program is aimed at raising the Literacy Level of the National High Schools by involving College Students as 'Ambassadors of Education'. The team was mentored by Dr. Barakkath Nisha, Associate Professor, IT.





27th Nov - 3rd Dec, 2021



IT | DEBATE COMPETITION





Shankar.D and Vikashini.K students of **Second** year **IT C** have Second runner-up District Level for participating in the Qualifiers of "The Maria Philip Future Leaders **Debate** Competition 2021" for Debate titled "Climate change is catastrophe waiting happen and not a technical challenge to overcome", organized by Xavier Institute of Management and Entrepreneurship on 24.11.2021

MECH | INTERNSHIP UNDER DRISHTI - AN INITIATIVE BY MINISTRY OF HEAVY INDUSTRIES

Shrijith R, student of Final year Engineering Mechanical has successfully completed his internship in the area of 'Smart Manufacturing' under Drishti initiative by **Ministry Heavy industries.** The duration of the internship was two months and the student was appreciated for his sincere and hardworking attitude during the internship.







27th Nov - 3rd Dec,2021



CIVIL | AWARENESS PROGRAM ON SAFETY **GUIDELINES IN CONSTRUCTION SITE**



Department of Civil Engineering and Students chapter of The Institution of Engineers (India) organized a Guest Lecture on "Awareness Program on Safety Guidelines in Construction Site". Mr.Jamal, Safety Trainer and a Consultant, Mastro Lee Engineering and Management Ltd. was the Resource Person. A brief lecture on the Do's and Don'ts in the construction site on safety aspects, Key responsibility of a safety officer and his roles in the site, Opportunities in the construction industry for Civil Engineering students as a safety officer were some of the pointers of discussion.



CSBS | TCS EXPERT LECTURE SESSION







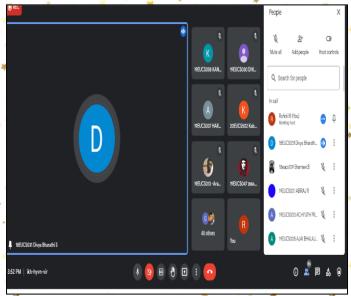
Business Department of **Computer Science** and Systems organized one day virtual TCS Expert Lecture **Session** by **Manoj Apte**, Senior Scientist, Tata Consultancy Services, Pune on the topic "Machine Learning and its real life real case in the field of fraud & money **laundering detection"** for the students and faculty members on 30th November 2021.

27th Nov - 3rd Dec, 2021



CSE PLACEMENT PREPARATION TALK





Department of CSE organized a "Placement Preparation Talk" for the Third year CSE students on 01.12.2021. Shameer and Dhivya Bharathi, students of Final year **CSE** students were the speakers of the session.

Session Highlights:

- > Resume Preparation.
- > Written Test Pattern.
- > Programming Languages and Frameworks.
- > Subjects to be Prepared.
- > Communication Skills.
- > Technical and HR questions.



ECE | HOD ADDRESS | II YEAR



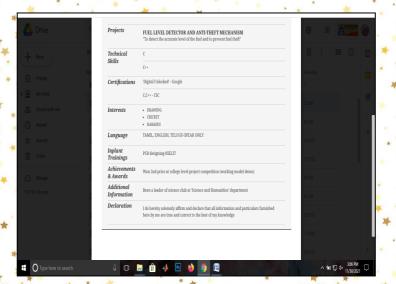




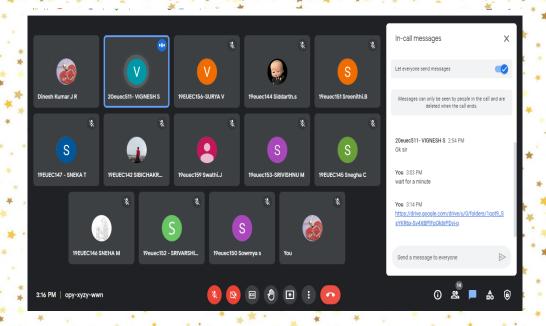
Dr. S.Sophia, Professor and Head, Department of **ECE**, has enthusiastically welcomed the **Second** year **ECE** students for the offline class. She motivated the students to strengthen themselves in recent technologies, projects, soft programming skills and placements. She also instructed the importance of maintaining social distance and wearing face masks.



ECE | PLACEMENT PREPARATION-PHASE 1







Final year placed students addressed **Third** year students regarding placement Preparation and gave suggestions to improve their soft skills.

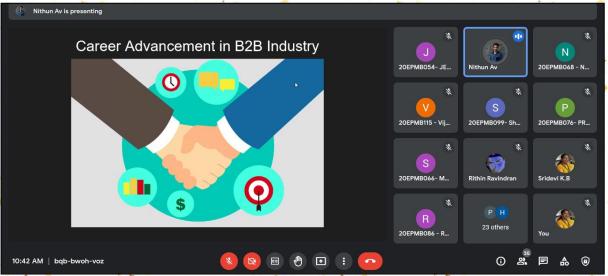
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SOM | WEBINAR ON CONTEMPORARY TRENDS IN **B2B MARKETING**







School of Management organized a Webinar on the topic "Contemporary Trends in B2B Marketing" on 27.11.2021 delivered by Mr. Nithun. A V, Customer Success Manager, NewWave Technologies Pvt Ltd., Bangalore. Real market differences between B2B and B2C customers, types of customers, B2B pricing and Negotiation strategies and practical insights for career opportunities in B2B Marketing were the session highlights.





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R&D | ARTICLE PUBLICATION | MECH

2021-28-0261 Published 01 Oct 2021



Investigation of High-Velocity Oxy-Fuel Thermal spray Coating over Mild Steel Surface as Replacement for Stainless Steel Material

Shanthosh gopal and Soundararajan R Sri Krishna College of Engg & Tech.

Vellingiri Sakthivel Coimbatore Institute of Technology

Citation: gopal, S., Soundararajan, R., and Sakthivel, V., "Investigation of High-Velocity Oxy-Fuel Thermal spray Coating over Mild Steel Surface as Replacement for Stainless Steel Material," SAE Technical Paper 2021-28-0261, 2021, doi:10.4271/2021-28-0261.

Dr.R.Soundararajan, Associate Professor, Mechanical **Engineering** has published a scientific research article titled 'Investigation of High-Velocity Oxy-Fuel Thermal spray Coating over Mild Steel Surface as Replacement for Stainless Steel Material' in SAE International. It is a Scopus indexed journal.

R&D | ARTICLE PUBLICATION | MECH

2021-28-0274 Published 01 Oct 2021



Effect of Various Synthetic and Natural Fibers for the Production of Copper-Free Automotive Brake Pads

Soundararajan R, Karthik Soundarrajan, Jeyakumar Rengaraj, and Shanthosh gopal Sri Krishna College of

Citation: Soundararajan, R., Soundarrajan, K., Rengaraj, J., and gopal, S., "Effect of Various Synthetic and Natural Fibers for the Production of Copper-Free Automotive Brake Pads," SAE Technical Paper 2021-28-0274, 2021, doi:10.4271/2021-28-0274.

Dr.S.Karthik, **Dr.R.Soundararajan** and **Dr.R.Jeyakumar**, faculty members, Department of Mechanical Engineering have successfully published a scientific research article titled 'Effect of Various Synthetic and Natural Fibers for the Production of Copper - Free Automotive Brake Pads' in SAE International. It is a Scopus indexed journal.



R&D | JOURNAL PUBLICATION | EEE

Implementation of solar power optimizer to enhance output power of a solar PV plant

Introduction

Dr.G.Radhakrishnan, Associate Professor, **EEE** Department has published a paper entitled "Implementation of solar power optimizer to enhance output power of a solar PV **plant"** in National Volatiles Essentials Oils, 2021 It Scopus indexed journal.

R&D | FIRST COPYRIGHT | CSBS

Dr.V.Arulkumar, Associate Department Professor, **Computer Science and Business Systems** has registered the 1st copyright for the work entitled "A **Novel Cloud-Based System for COVID 19 Identification using Image Processing Technique** with Mobile-Net V2 and X-Ray **Images**" in the Extracts from the Register of Copyright, Government of India. Register No: 23623/2021-CO/L, dated 05.11.2021.

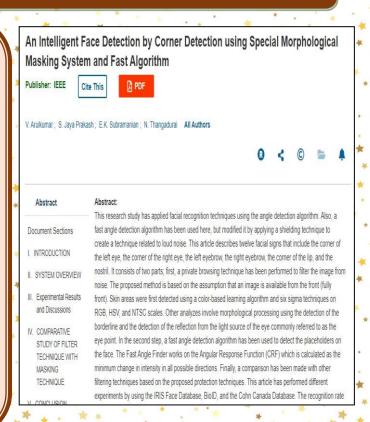


Feedback @ skcetbuzz@skcet.ac.in

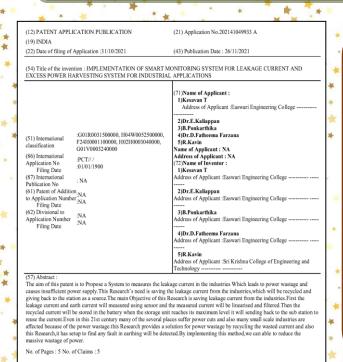


R&D | PAPER PUBLICATION | CSBS

Dr.V.Arulkumar, **Associate** Professor, Department **Computer Science and Business Systems** has published a Intelligent titled "An **Detection by Corner Detection** Special **Morphological** Masking **System** and Fast Algorithm" in 2021 IEEE 2nd International Conference on Smart Electronics and Communication (ICOSEC) and published in IEEE digital Xplore in November 2021.



R&D | PATENT PUBLICATION | EEE



Patent titled "Implementation of Smart Monitoring System for Leakage Current Excess Power Harvesting **System Industrial** for **Applications**" has been published by Mr.R.Kavin, Professor, Assistant IPR Department in Journal identified with :oN.lggA 202141049933A on 26.11.2021.

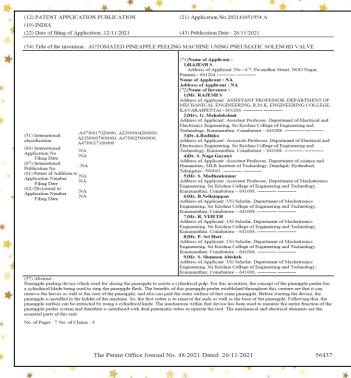


R&D | PAPER PUBLICATION | CSBS

Dr.V.Arulkumar, Associate Department Professor, **Computer Science and Business Systems** has published a paper titled "A Survey on Multimedia **Analytics in Security Systems of Cyber Physical Systems** and IoT" 2021 IEEE in 2nd International Conference on Smart Electronics and Communication (ICOSEC) and published in IEEE digital Xplore in November 2021.



R&D | PATENT PUBLICATION | EEE



Patent titled "Automated **Pineapple Peeling Machine Using Pneumatic Solenoid** Valve" has been published by Mrs.G.Mahalakshmi Dr.A.Radhika, faculty members of EEE Department in IPR Journal identified with Appl.No: 202141051954 A on 26.11.2021.



R&D | BOOK CHAPTER PUBLICATION | IT



IoT-Based Ensemble Method on PCG Signal Classification to Predict Heart

cure Communication for 5G and IoT Networks pp 101-116 | Cite as

- Esther Daniel (1)
- S. Durga (2) S. Iwin Thanakumar Joseph (1)
- D. Angelin (1)
- · S. Benson Edwin Raj (3)
- 1. Department of Computer Science and Engineering, Karunya Institute of Technology and Sciences, , Coimbatore, India
 2. Department of Information Technology, Sri Krishna College of Engineering and
- Technology, , Coimbatore, India
- 3. Department of Computer Information Sciences, Higher Colleges of Technology, Fujairah, United Arab Emirate

Chapter First Online: 29 October 2021

· 34 Downloads

Part of the EAI/Springer Innovations in Communication and Computing book series

Abstract

Heart disease is the leading cause of death in the world, and early detection of acardiovascular disease is important for maintaining overall health conditions. In the medical system, auscultation of the heart is still an essential process, because it is very easy and inexpensive. An automated system will allow this would be extremely satisfying, and affordable heart medical monitoring for the overall population is useful for identifying potential heart abnormalities at an early stage. Through examining the signals from the phonocardiogram, cardiac diagnosis can be done, and the possibility of irregularities can be identified at an early stage. Hence, the design of the phonocardiogram's smart and automatic analysis tools is very relevant. The PCG signals phonocaltung am s shart and automatic analysis wors is very elevant. The rCC signals are obtained as per the primary collection of the Physionet challenge. This goal to evaluate the PCG signal is clinically "healthy" or "unhealthy" in condition. The key improvement in collaborating methods of time feature and frequency feature extracting from PCG enhances accurate identification of cardiovascular disease. The IoT-base

Dr.S.Durga, Associate Professor, Department of Information Technology, has published a book chapter titled "IoT-Based Ensemble Method on PCG Signal Classification to Predict Heart Diseases" in Secure Communication for 5G and IoT Networks, part of EAI/Springer Innovations in Communications and Computing book series (EAISICC), pp: 101-116, ISBN: 978-3-030-79765-2.

R&D | JOURNAL PUBLICATION | IT

Ms.G.Shobana, Assistant Professor, of Department Information Technology has published an article "Wireless Communication without the need for Pre-Shared Secrets is Consummate via the Spread **Spectrum Technology**" in the Journal Nuclear Energy Science & Power Generation Technology with vol no:10 & issue:9.

Yadala Sucharitha et al., J Nucl Ene Sci Power Generat Technol 2021, 10:9



Journal of Nuclear **Energy Science & Power Generation Technology**

Research Article

A SCITECHNOL JOURNAL

Wireless Communication without the Need for Pre-Shared Secrets is Consummate Via the Use of Spread Spectrum Technology.

Y Sucharitha^{1*}, S Vinothkumar², Vikas Rao Vadi³, Shafiqui Abidin⁴, Naveen Kumar⁵, and G Shobana

Researchers describe the utilization of wideband chirp signals in domestic environments for frequency hopping technologies. Chirp transmission and pulse compressing are used in the system principles described. Varied modulating systems for chirp impulses and the contraction of t leading to different application performance and complexities are

processes in spread spectrum devices. The unpleasant program is a hard process in general ideas synchronization, requiring significant calculation effort. Another type of propagation-spectrum approach may be implemented with well FM chirp-signals with related pulse impression techniques and their huge computational gain, extensively utilized in radar systems [3-8]. In this system concept, the propagation is utilized exclusively to counteract multi-way aberrations, while the multiplex access (CDMA) code division can only be achieved by the introduction of extra coding

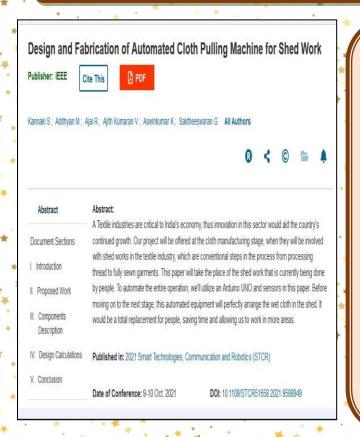
The spreading and disperse of chirping impulses may simply be achieved by the use of barked signals of the ground transducer. Small and low-cost systems may be used for these devices and the complicated sync circuitry could be reduced because of the analog correlation method. We discuss several incoherently and coherently modulated methods of chirp spreading spectrum systems after insertion into the theory of chirp signals. Simulations and initial observations are provided with a device demonstration.







R&D | PAPER PUBLICATION | MCT



Mrs.S.Kannaki, Assistant Professor, **MCT** along with M.Adithyan, R.Ajai, V.Ajith Kumaran, K.Aswinkumar, G.Saktheeswaran students of **Final** year **MCT** have published a paper entitled "Design and Fabrication Of Automated Cloth Pulling Machine For Shed Work", in IEEE Xplore: 2021 Smart Technologies, Communication Robotics, It is indexed in Scopus. DOI:10.1109/STCR51658.2021.9588 949.

R&D | JOURNAL PUBLICATION | CIVIL

Mr.V.Yogeshwaran, Assistant Professor, Department of Civil **Engineering** has published research article titled "Synthesis of **Nano-Particles** and its Applications in Heavy Metal Removal from Wastewater" in Inorganic Materials for Energy, Medicine Environmental and Remediation.

Springer Link

Synthesis of Nano-Particles and Its Applications in Heavy Metal Removal from Wastewater

- V. Yogeshwaran (1)
 A. K. Priya (2)

Department of Civil Engineering, Sri Krishna College of Engineering and Technology, Coimbatore, India
 Department of Civil Engineering, KPR Institute of Engineering and Technology, , Coimbatore, India

Chapter First Online: 26 November 2021

1 Downloads

Abstract

Synthesis of nano-particles from the bulk materials has been discussed and its usage in heavy metal removal from wastewater also reviewed. Both, top-down and bottom up technologies were explained with suitable sketch along with their advantages and disadvantages. The possibility of heavy metal removal from aqueous medium using nano-particles such as iron oxides, zinc oxides, graphene oxides and Carbon Nano-tube (CNTs), Nano-filtration using membranes also studied. Most common types of heavy metals like Copper, Chromium, Lead, Zinc, Nickel, Arsenic, and Cadmium are removed up to 70% from the industrial/synthetic effluents using these nano-materials as an adsorbent in batch adsorption studies. The process of adsorption may follow Langmuir Freundlich isotherm models with best correlations. Based on the shape and size of Freundlich isotherm models with best correlations. Based on the shape a material the synthesis process has been selected to convert them into na characteristics must be analysed by surface characterization techniques: FT-IR and XRD analysis for obtaining shape and size of nano-particles. efficiency of adsorption process, the nano-materials can be widely used twery high surface area and procestly. From the above discussions it was of usage of nano-particles in adsorption process is the best way for increasi advention of harm unstale.

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R&D | BOOK CHAPTER PUBLICATION | CSE & MCT

Assistant Ms.N.Pooranam, Professor, CSE and Mr.T.Vignesh Assistant Professor, MCT published a book chapter entitled "A Swarm Robot for Harvesting a Paddy Field" in the book titled "Nature Inspired Algorithms and Applications" ISBN: 1119681669, 9781119681663 published by John Wiley & Sons, 2021. This chapter is indexed in Scopus.



LEGENDRY INSIGHTS

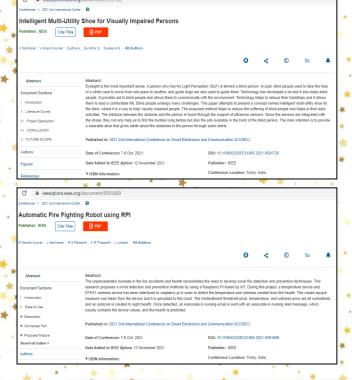
"The highest education is that which does not merely give us information but makes our life in harmony with all existence."

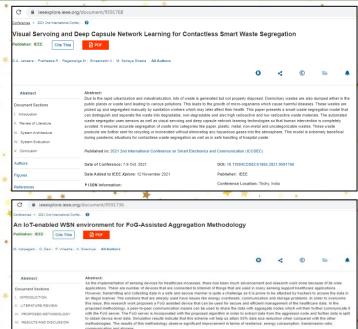
— Rabindranath Tagore

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R&D | PAPER PUBLICATION | ECE





Following faculty members and students from the Department of **ECE** have presented and published papers in 2021 2nd **International Conference on Smart Electronics and Communication (ICOSEC).** It is a Scopus Indexed IEEE Conference.

Name of the Authors	Title of the Paper
Dr V Nandalal; V Anand Kumar; Sujitha A; Sumitha G; Sureka A S	Intelligent Multi-Utility Shoe for Visually Impaired Persons
Ms D.A. Janeera; Pratheeba R; Ragamaliga M; Shreemathi V; M. Sahaya Sheela	Visual Serving and Deep Capsule Network Learning for Contactless Smart Waste Segregation
Mr R Sarath Kumar; J Hariharan; R S Revanth; K R Prasanth; J Lokesh	Automatic Fire Fighting Robot using RPI
Dr.M. Karpagam; D. Devi; P. Vinesha; K. Sowmiya	An IoT-enabled WSN environment for FoG-Assisted Aggregation Methodology



R&D | PAPER PUBLICATION | MECH

IOP Publishing RIACT 2021 2115 (2021) 012052 doi:10.1088/1742-6596/2115/1/012052

Influence of Pitting Corrosion on TIG Welded Joints of **AA2024 Aluminum Alloy Joints**

K N Gunasekaran 1,*, Balamurugan D¹, Babin M¹, Barath Raj K J¹, Arun S¹

¹Department of Mechanical Engineering, Sri Krishna College of Engineering and Technology, Coimbatore, India-641008

*gunasekarankn@skcet.ac.in

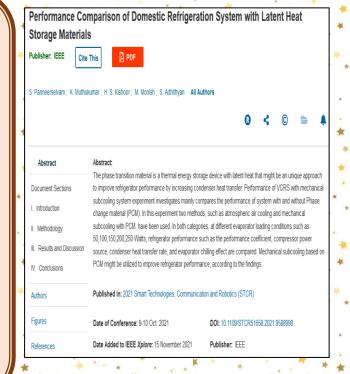
Abstract. In this investigation, AA2024 alloy was welded by tungsten inert gas welding Access the influence of pitting corrosion on TIG weld; the joints were heat-treated after welding with different techniques. Moreover, the corrosion test was carried out with 3.5% NaCl solution under different pH values such as pH:5, pH:7, and pH: 12. From the experimental results, the joint treated with solution treatment with pH: 7 showed high corrosion resistance than its counterparts

Keywords: corrosion, AA2024, potential corrosion, polarization

Mr.K.N.Gunasekaran, Assistant Professor, Mechanical Engineering Balamurugan with along Babin M, Barath Raj K J, Arun S, Final year Mechanical Engineering students have published a scientific research article titled 'Influence of Pitting Corrosion on TIG Welded Joints of AA2024 Aluminum Alloy Joints' in the Journal of Physics - an IOP publication. It is a Scopus indexed iournal.

R&D | PAPER PUBLICATION | MECH

Mr.S.Panneerselvam, **Assistant** Professor, MCT along with K.Muthukumar, H.S.Kishoor, M.Monish, S.Adhithyan, students of Second year MCT, has published "Performance entitled **Domestic** Comparison of Refrigeration System with Latent Heat Storage Materials", in IEEE journal: 2021 Smart Technologies, Communication and Robotics, It Scopus Indexed.







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PLACEMENT | TESTIMONIAL BY PLACED STUDENTS



Sowmiya P, IT (2021 Batch), **Vuram Technologies**

It is my good fortune to be the part of SKCET where I was able to grow. The entire faculty members and department leaves no stone unturned to shape one's future. My four years at SKCET have been a wonderful experience of learning with prolific exposure to outside. My Huge respect, love and devotion towards the entire faculty members and department were always special. It's their efforts that make me to count myself into better professionals. SKCET has been a great contributor to the development of my personality. Our placement team also guided and encouraged us at each step thereby helping me secure my placement at such a reputed company.



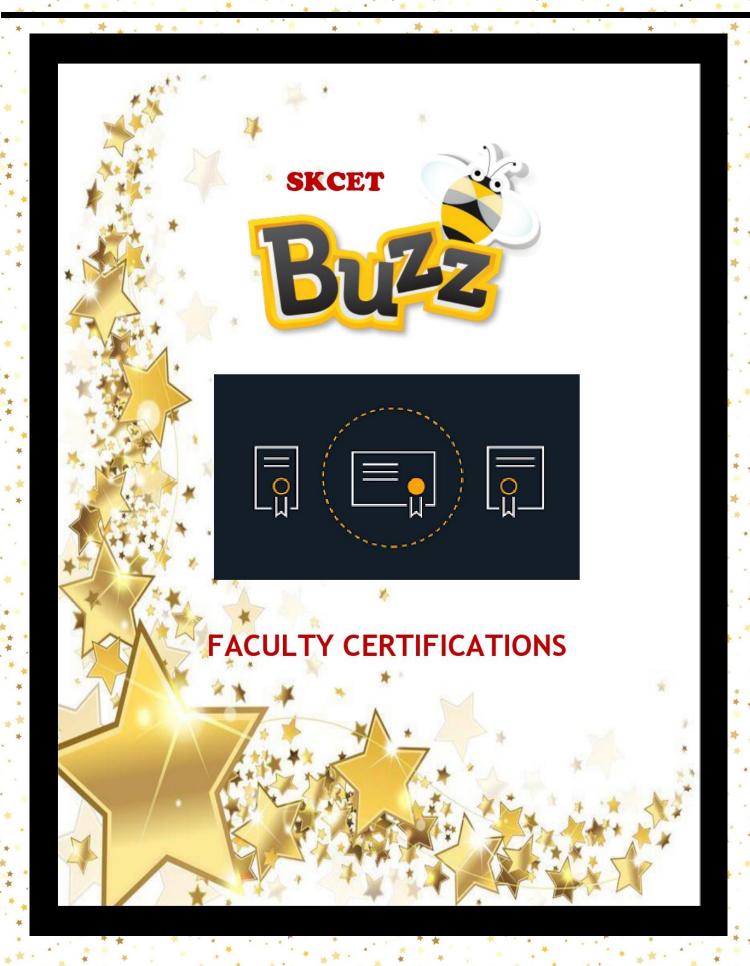
PLACEMENT | TESTIMONIAL BY PLACED STUDENTS

PAVITHRA S, ECE(2021 BATCH), LTI



My journey with SKCET is definitely one I will cherish for life. In a very short span of time, I was able to learn a lot, which helped me excel academically as well as personally. SKCET aims at overall development of an individual and also provides multiple opportunities and exposure to develop new skills. Students are able to showcase their talent not just through technical but also through extracurricular activities. The competitive environment always perform pushed me to my best. The placement preparedness training was proved to us from the beginning of the 3rd Semester and it went on till the end of the 6th semester. The feeling of being employed upon graduating is immense and a morale boosting experience. I extend my gratitude to our Placement cell. I am very much grateful to my parents for choosing SKCET. Thanks to our Principal Madam and entire SKCET faculty team.





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MECH | FDP ON EFFECTIVE LEADERSHIP AND **EXCELLENCE IN TECHNICAL EDUCATION**



Mr.S.Vignesh, Assistant Professor, Mechanical **Engineering** actively participated and completed online week **Faculty** one Development Program on Leadership 'Effective in **Technical Excellence** Education' organized by Women Engineering College, Ajmer from 15.11.2021 to 19.11.2021.

CSE | WORKSHOP ON ETHICAL HACKING & CYBER **SECURITY**

Ms.N.Saranya, Assistant Professor, CSE has participated in a workshop on "Ethical Hacking and Cyber Security" from 13.11.2021 to 14.11.2021 organized by Chaitanya Bharathi Institute of Technology, Hyderabad.





EEE | ATAL FDP ON ROBOTICS-THE MACHINE POWER FOR INDUSTRIAL AUTOMATION



Mrs.D.Gunapriya, **Assistant** Professor, **EEE** Department has participated ATAL in Development Program "ROBOTICS-The Machine Power Industrial Automation" organized by Sri Eshwar College of Engineering.

EEE | ATAL FDP ON RENEWABLE ENERGY INTEGRATION USING AI AND BIGDATA ANALYTICS

Mrs.G.Mahalakshmi, Assistant Professor, EEE Department participated ATAL in Faculty Development Program "Renewable Energy Integration Using AI and Bigdata Analytics" organized of P.A College by Engineering and Technology.





CSBS | ORACLE CERTIFIED ASSOCIATE







Mr.R.Yasir Abdullah, Mr.PD.Mahendhiran and Dr.S.Oswalt Manoj, faculty members from the Department of CSBS have been recognized as "Oracle Cloud Infrastructure Foundations 2021 Certified Associate" on November 23rd 2021.



MCT | FDP ON OBE- ROAD AHEAD TO ADVANCE **EDUCATIONAL QUALITY AND ENHANCE GLOBAL MOBILITY**



Mrs.S.Kannaki, Assistant Professor, Department of MCT, has successfully completed seven days online FDP on "OBE- Road Ahead To Advance **Educational Quality and Enhance** Global Mobility" from 10.11.2021 to 17.11.2021 organized by Kongunadu Arts and Science College.

CSE | FDP ON MACHINE VISION AND DIGITAL TWIN

Ms.M.Rohini, Assistant Professor, **CSE** has participated in the AICTE Learning Training and (ATAL) Academy Online Advanced "Machine Vision and Digital Twin" 22.11.2021 26.11.2021 from to organized by Sathyabama Institute of Science and Technology.





CSE | ICT ACADEMY CERTIFICATION



Ms.R.Gowthamani, Assistant Professor, **CSE** has successfully completed "Digital course on Teaching Techniques" organized by ICT Academy from 23.11.2021 to 27.11.2021

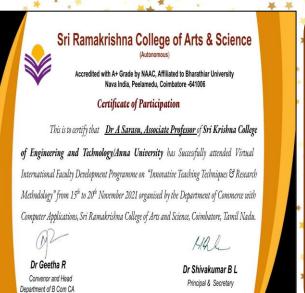
MECH | FDP ON MODERN TRENDS IN MANUFACTURING PROCESSES AND CONTROL TECHNIQUES IN RENEWABLE ENERGY SYSTEM

Mr.J.Baskaran, Assistant Professor, Mechanical Engineering has actively participated in an online Faculty Development Program on 'Modern Trends in Manufacturing and **Processes** Control **Techniques in Renewable Energy** System' organized by Department of Mechanical Engineering, National Institute of Technology Delhi, India on 16.11.2021 to 21.11.2021





SOM | FDP ON INNOVATIVE TEACHING TECHNIQUES AND RESEARCH METHODOLOGY



Dr.A.Sarasu, Associate Professor, **SOM** has successfully attended a Virtual International Faculty Development **Programme** "Innovative Teaching Techniques Methodology" Research Ramakrishna organized by College Arts Science, and Coimbatore from 15th 20th to November 2021.

WRITE IT RIGHT







27th Nov - 3rd Dec,2021



CSE | EXCELLENCE IN REVIEWING



Dr.P.Mohan **Kumar**, Professor, CSE has received the 'Certificate of Excellence in Reviewing' from **'Journal** of **Pharmaceutical** Research International 2021' for papers reviewed.

CSBS | CONFERENCE KEYNOTE SPEAKER

Dr.S.Balakrishnan, Professor and Head, Department of Computer Science and Business System has been the Keynote Speaker and the Committee Member "Eurasian Conference on Engineering Science, **Technological** Innovations" jointly organized by Kryvyi Rih University, Ukraine, Automation, Computer Science and Technology Department, Research Culture Society & co sponsored by Scientific Research Association held on 20th and 21st November, 2021.







EEE | CONFERENCE REVIEWER



Ms.D.Gunapriya, Assistant Professor, **EEE** has been recognized as a reviewer for providing valuable suggestions in the 3rd IEEE International Conference Innovations in Power and Advanced Computing Technologies, i-PACT2021 organized by Vellore Institute of Technology.

HEALTHOGRAPHICS | EYE PROTECTION



27th Nov - 3rd Dec,2021





27th Nov - 3rd Dec,2021



CSE | CONFERENCE PRESENTATION





3rd INTERNATIONAL CONFERENCE ON ENGINEERING FACILITIES MAINTENANCE AND MANAGEMENT TECHNOLOGIES EFM2T'21

CERTIFICATE OF PRESENTATION

Mohan Kumar Palanichamy, Selvam Lakshmanan, Arokia Renjith Jerald

For presenting a paper entitled "Adaptable Criteria Progre Management Indicators for Global Software Requirements Prioritization' during the Third International Conference on Engineering Facilities Maintenance and Management Technologies (EFM2T'21) organized by Botswana International University of Science & Technology, Botswana between 28th and 29th October 2021.



sor Eyitayo Olatunde Olakanmi Chairman, Local Organising Committe Dr.P.Mohan Kumar, Professor, CSE received the Certificate presenting a paper titled "Adaptable Quality Criteria **Progress** Management **Indicators** Global Software Requirements **Prioritization**" during the International Conference Engineering **Facilities Management** Maintenance and **Technologies** (EFM2T'21) organized by Botswana International University of Science & Technology, Botswana between 28.10.2021 and 29.10.2021.

EEE | CONFERENCE PRESENTATION

Ms.R.Geethamani, Assistant Professor, **EEE** Department presented a research paper entitled "Implementation of **Smart Agricultural Monitoring System** Using Raspberry PI" in the IEEE International Conference Innovations in Power and Advanced Computing Technologies i-PACT2021 organized by Vellore Institute of Technology.





EEE | CONFERENCE PRESENTATION



Ms.D.Gunapriya, Professor, **EEE** Department presented a research paper entitled "Power Electronic Systems for Grid **Integration** of Renewable Energy Sources" in International Conference Emerging Trends in Engineering Management organized bv Dhanalakshmi Srinivasan College of Engineering.

MCT | CONFERENCE PRESENTATION

Mr.P.M.Arunkumar, Assistant Department Professor, **Mechatronics Engineering** has presented the paper entitled 'Topology optimization of aluminium alloy wheel SUV' in ICAAMM 2021 organized the Department of by Aeronautical and Mechanical Engineering on 27th and August 2021 at MLR Institute of Technology, Hyderabad.

