



SKCET

Buzz



8th - 13th January, 2022



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INSIDE THE ISSUE

• **SMART INDIA HACKATHON 2022** **PG 03 - 05**

• **STUDENTS PROGRESSION** **PG 06 - 07**

• **STUDENT CERTIFICATIONS** **PG 08 - 12**

• **EVENTS** **PG 13 - 14**

• **RESEARCH AND DEVELOPMENT** **PG 15 - 18**

• **TRAINING AND PLACEMENT** **PG 19 - 21**

• **FACULTY CERTIFICATIONS** **PG 22 - 28**

• **FACULTY PROGRESSION** **PG 29 - 32**

• **CONFERENCE PRESENTATION** **PG 33 - 36**



SMART INDIA HACKATHON 2022

SMART INDIA HACKATHON 2022



LAUNCH OF SMART INDIA HACKATHON 2022: WORLD'S BIGGEST OPEN INNOVATION CHALLENGE

The 5th edition of **Smart India Hackathon** was launched on 11.01.2022 showcasing the Journey of Hackathon.

Smart India Hackathon a unique platform which combines the energy of youth with their scientific minds to find solutions that help improve lives through breakthrough innovations.

SIH has evolved over the last five editions to an annual mega event and SKCET has proudly hosted the event for Four consecutive years. SIH journey of SKCET was also witnessed in the video with the SKCET Media clippings on SIH Journey and Toycathon - PM interaction.

You tube link:

<https://www.youtube.com/watch?v=JHu2YuadxKg>

Let's be a Part of World's Biggest Innovation Model!!

SMART INDIA HACKATHON 2022

Journey of Hackathon and Launch of Smart India hackathon 2022

மாணவர்களுக்கு பாராட்டு

TRINITY MIRROR

Triggering a String of Startups Across the Country

மேகக்கத்தான் போட்டியில் வெற்றி பெற்ற மாணவ, மாணவிகளை கல்லூரி தீர்வாக அழைக்கிறது

रात 10 बजे मोदी का जयपुर में यंग इंजीनियर्स संवाद, कहा- सरकार की समस्याएं आप दूर कर लें

Problem student for innovative concept at Toycathon event

M Rafi Ahmed An inspiring quote of German American economist Theodore Levitt, who was a faculty at Harvard Business School goes thus: Creativity is thinking up new things while Innovation is doing new things. Certainly, this ed physically actioned racing game that promotes Indian culture and heritage. While elaborating on his innovative idea from Sri Krishna College of Engineering and Technology in Coimbatore (one of the six nodal centres the concept is that users even while cycling the heritage paths at home can listen to vedic music played in the background. Modi appreciated the new idea and suggested the team devise a similar mechanism for a treadmill for the benefit of the

Journey of Hackathon and Launch of Smart India hackathon 2022

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Launch of Smart India hackathon 2022

जेरसीआरसी में बना स्मार्ट इंडिया हेकाथॉन-17 का नोडल सेंटर

Triggering a String of Startups Across the Country

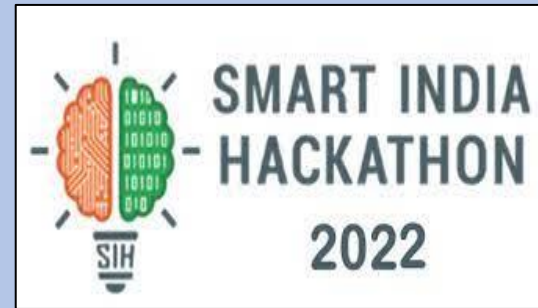
27 teams participate in Smart India Hackathon

SPECIAL CORRESPONDENT COIMBATORE

One hundred and sixty-four students grouped in 27 teams from across India would battle it out online over the next four days to find solutions to six problem statements at the Smart India Hackathon 2020, which began here at the Sri Krishna College of Engineering and Technology, a nodal centre.

hriyal Nishank inaugurated the programme online from New Delhi. Prime Minister Narendra Modi addressed the participating students in the evening. In his interaction with participants across the country, Prime Minister Narendra Modi spoke to M. Shwetha, a fourth year M.Sc. student of Sri Krishna Arts and Science College. The student spoke about her problem statement - health card for embankment. She said she would use machine learning to

Scroll for details



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STUDENT PROGRESSION

CSE | AZADI KA AMRIT MAHOTSAV: INNOVATION WEEK CELEBRATION 2021

Student team “HackFrenzy” from Second year CSE has bagged the First prize of Rs.1 Lakh for the Problem statement “Identification of hate content” in “Manthan 2021” the team was appreciated in the “Azadi Ka Amrit Mahotsav: Innovation Week Celebration Event” on 11.01.2022.

Team Members:

- Nivetha A - II CSE B
- Arthika G - II CSE A
- Arshath B - II CSE A
- Nandhini V - II CSE B
- Priyadharshini B - II CSE B

Mentor:

Ms.M.Rohini, AP/CSE

Congratulations

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STUDENT CERTIFICATIONS

IT | INTRODUCTION TO PYTHON



Yuvasri K B and Santhosh R students of **Second year IT C** have successfully completed the course **“Introduction to Python”** and they have received the top performer certificate for their excellence by Coding Ninjas.

MCT | INTRODUCTION TO PYTHON

CODING NINJAS
Certificate Of Excellence
is awarded to
ANTONY STALLONE RAJ G
for successfully completing the course
Introduction to Python
conducted from September 2021 to March 2022

Parikh Jain
Mentor / Instructor

CODING NINJAS
NEW DELHI

Ankush Singla
Mentor / Instructor

Top Performer

certificate.codingninjas.com/verify/97f7459e75d6c2892

CODING NINJAS
Certificate Of Excellence
is awarded to
GOPI KRISHNA R
for successfully completing the course
Introduction to Python
conducted from September 2021 to March 2022

Parikh Jain
Mentor / Instructor

CODING NINJAS
NEW DELHI

Ankush Singla
Mentor / Instructor

Top Performer

certificate.codingninjas.com/verify/3d12e746a3d2a1d

CODING NINJAS
Certificate Of Excellence
is awarded to
HELAN JEMIMA D
for successfully completing the course
Introduction to Python
conducted from September 2021 to March 2022

Parikh Jain
Mentor / Instructor

CODING NINJAS
NEW DELHI

Ankush Singla
Mentor / Instructor

Top Performer

certificate.codingninjas.com/verify/06a3d76b9d68b0c

CODING NINJAS
Certificate Of Excellence
is awarded to
KISHOOR H S
for successfully completing the course
Introduction to Python
conducted from September 2021 to March 2022

Parikh Jain
Mentor / Instructor

CODING NINJAS
NEW DELHI

Ankush Singla
Mentor / Instructor

Top Performer

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CODING NINJAS
Certificate Of Excellence
is awarded to
MOHAMED RIYAZ JS
for successfully completing the course
Introduction to Python
conducted from September 2021 to March 2022

Parikh Jain
Mentor / Instructor

CODING NINJAS
NEW DELHI

Ankush Singla
Mentor / Instructor

Top Performer

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CODING NINJAS
Certificate Of Excellence
is awarded to
DEEPAK K V
for successfully completing the course
Introduction to Python
conducted from September 2021 to March 2022

Parikh Jain
Mentor / Instructor

CODING NINJAS
NEW DELHI

Ankush Singla
Mentor / Instructor

Top Performer

certificate.codingninjas.com/verify/58c0ce0ef8e8f14

CODING NINJAS
Certificate Of Excellence
is awarded to
ARUL MURUGAN S
for successfully completing the course
Introduction to Python
conducted from September 2021 to March 2022

Parikh Jain
Mentor / Instructor

CODING NINJAS
NEW DELHI

Ankush Singla
Mentor / Instructor

Top Performer

certificate.codingninjas.com/verify/d23d44b438184c2

CODING NINJAS
Certificate Of Completion
is awarded to
BHARATH RAGAVAN D
for successfully completing the course
Introduction to Python
conducted from September 2021 to March 2022

Parikh Jain
Mentor / Instructor

CODING NINJAS
NEW DELHI

Ankush Singla
Mentor / Instructor

certificate.codingninjas.com/verify/ff64b46d93d2df

MCT | INTRODUCTION TO PYTHON



Antony Stallone Raj G, Gopi Krishna R, Helan Jemima D, Kishoor.H.S, Mohamed Riyaz J S, Deepak K V, Arul Murugan S, Bharat Ragavan D, Dheeraj A , Linga Sri P, Kavinkumar P C, Adityan S and Dhanush B students of Second year Mechatronics Engineering have successfully completed the course “Introduction to Python” offered through Coding Ninjas.

AI&DS | DATA ANALYST CERTIFICATION



Prabitha P, student of Second year, Artificial Intelligence and Data Science has been recognized as Certified Data Analyst - Space Tech by WhiteHat Jr.

WORD OF THE WEEK | REPUDIATE

REPUDIATE

Meaning:

To reject with disapproval or condemnation

Synonyms:

Renounce, Abandon, Refute

Example:

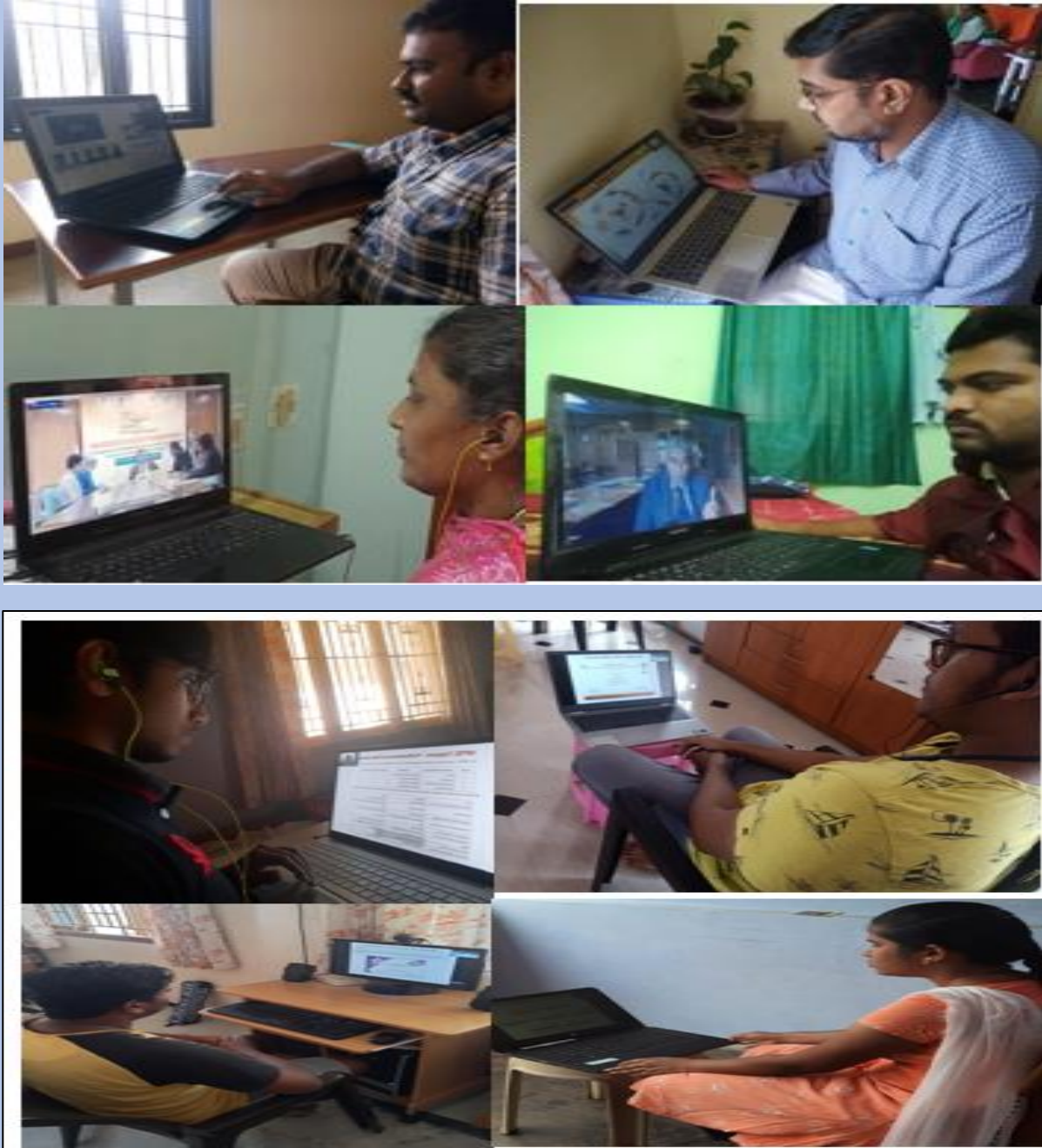
The company will repudiate any claims of negligence.





EVENTS

MCT | INAUGURAL SESSION OF e-SYMPOSIUM ON INNOVATION WEEK CELEBRATION



Faculty members and students of MCT Department attended the Inaugural session of e-Symposium of Innovation Week Celebration on 11.01.2022.

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RESEARCH AND DEVELOPMENT

R&D | RESEARCH ARTICLE PUBLICATION | CSBS

Hindawi
Journal of Healthcare Engineering
Volume 2022, Article ID 258077, 8 pages
<https://doi.org/10.1155/2022/258077>

Research Article
Improved Handover Authentication in Fifth-Generation Communication Networks Using Fuzzy Evolutionary Optimisation with Nanocore Elements in Mobile Healthcare Applications

J. Divakaran,¹ S. K. Prashanth,² Gouse Baig Mohammad,³ Dr Shitharth,⁴ Sachi Nandan Mohanty,⁵ C. Arvind,⁶ K. Srihari,⁶ Yasir Abdullah R.,⁷ and Venkatesa Prabhu Sundramurthy⁸

¹Department of Electronics and Communication Engineering, K.S.R. Institute for Engineering and Technology, Tiruchengode, Tamilnadu, India
²Vardhaman College of Engineering, Hyderabad, India
³Department of Computer Science and Engineering, Vardhaman College of Engineering, Hyderabad, India
⁴Kebir Dihar University, Department of Computer Science and Engineering, Kebir Dihar, Ethiopia
⁵Department of Electronics and Communication Engineering, Karpagam College of Engineering, Coimbatore, India
⁶Department of Computer Science Engineering, SNS College of Technology, Coimbatore, India
⁷CSBS, Sri Krishna College of Engineering and Technology, Coimbatore, India
⁸Department of Chemical Engineering, Addis Ababa Science and Technology University, Addis Ababa, Ethiopia

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Received 8 November 2021; Revised 15 December 2021; Accepted 20 December 2021; Published 7 January 2022
Academic Editor: Enas Abdalrhay

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Authentication is a suitable form of restricting the network from different types of attacks, especially in case of fifth-generation telecommunication networks, especially in healthcare applications. The handover and authentication mechanism are one such type that enables mitigation of attacks in health-related services. In this paper, we model an evolutionary model that uses a fuzzy evolutionary model in maintaining the handover and key management to improve the performance of authentication in nanocore technology-based 5G networks. The model is designed in such a way that it minimizes the delays and complexity while authenticating the networks in 5G networks. The attacks are mitigated using an evolutionary model when it is trained with the relevant attack datasets, and the model is validated to mitigate the attacks. The simulation is conducted to test the efficacy of the model, and the results of simulation show that the proposed method is effective in improving the handling and authentication and mitigation against various types of attacks in mobile health applications.

1. Introduction
In recent times, the mobile and telecommunication devices get faster and more functional with each wireless network applicable on mobile health programs in healthcare. The speeds we have today were made possible by 4G [1]. Nevertheless, 4G networks are nearing their capacity limit as more people get online and demand even more data from their gadgets and smartphones. The researchers are now on the verge of transitioning to 5G, the wireless technology. The increased traffic can be handled on this network than on Long-Term Evolution (LTE) networks. The 5G mobile network concept is being discussed by both business and academia. Next-generation mobile networks should be in place by 2020, according to current estimates. With increasing data traffic, devices are being studied to see if it

Mr. Yasir Abdullah R, Assistant Professor, Department of Computer Science and Business Systems has published a scientific research article titled "Improved Handover Authentication in Fifth-Generation Communication Networks Using Fuzzy Evolutionary Optimisation with Nanocore Elements in Mobile Healthcare Applications" in "Journal of Healthcare Engineering" a HINDAWI publication on 7th January 2022. The journal is WoS and SCI indexed with Impact Factor 2.682.

R&D | RESEARCH ARTICLE PUBLICATION | CSBS

Dr.S.Ramakrishnan, Associate Professor, Department of Civil Engineering has published research article titled "Experimental Investigation of Geopolymer concrete" in AIP Conference Proceedings.

DOI:

<https://doi.org/10.1063/5.007099>

1

Experimental investigation of geopolymer concrete

Cite as: AIP Conference Proceedings 2385, 100004 (2022); <https://doi.org/10.1063/5.0070991>
Published Online: 06 January 2022

M. Saravanan, C. Aravindhan and S. Ramakrishnan

Experimental Investigation of Geopolymer Concrete
M. Saravanan^{1, a)}, C. Aravindhan^{2, b)}, and S. Ramakrishnan^{3, c)}

¹Department of Civil Engineering, Marri Laxman Ruddy Institute of Technology and Management, Hyderabad, Telangana, India
²Department of Civil Engineering, Bannari Amman Institute of Technology, Tamilnadu, India
³Department of Civil Engineering, Sri Krishna College of Engineering and Technology, Tamilnadu, India

^{a)}Corresponding author: saravananm@mlritm.ac.in
^{b)}aravindnac@bitsathy.ac.in
^{c)}ramakrishnans@skcet.ac.in

Abstract. Portland cement is a worldwide major building material. In addition to deforestation and the burning of fossil fuels, the cement manufacturing sector is one carbon dioxide source. The emission to the atmosphere of greenhouse gases like CO₂ causes global warming. CO₂ accounts for around 65% of global warming among greenhouse gases. Around 7% of greenhouse gas emissions in the atmosphere of earth are contributed by the global cement industry. Alternative binders for concrete production are needed to address environmental effects of Portland cement. For the construction of the geopolymer from, this project work uses low-calcium (Class F) ash based geopolymers from the National Heat Power Plant. As an alkaline solution for the activation of fly ash, the combination of sodium silicate and sodium hydroxide solutions was utilized. The fly-ash solution varied between 0.35, 0.40 and 0.45. Sodium hydroxide solution concentration was held at 8M (Molar). Geopolymer concrete was different for the treatment at 60°C and 100°C as ambient curing and oven curing. The geopolymers were tested for compressive strength at different ages, including 7, 14 and 28 days. Based on the test results, (a) the compressive strength of geopolymer concrete is also increased as the fly ash solution increases, (b) Oven-cured concrete's compressive strength was more than the ambient concrete, (c) Concrete compressive strength increases with the curing temperature rising from 60°C to 100°C.

R&D | PAPER PUBLICATION | AI&DS

Dr.A.Sajeev Ram, Associate Professor , AI & DS has published a paper entitled "A Deep Convolutional Neural Network based Detection System for Autism Spectrum Disorder in Facial images" in the Fifth International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC). The proceedings of the conference were published in IEEE Xplore.

ISBN:978-1-6654-2642-8

DOI:10.1109/I-SMAC52330.2021.9641 046

A Deep Convolutional Neural Network based Detection System for Autism Spectrum Disorder in Facial images

Publisher: IEEE

Cite This

PDF

Sajeev Ram Arumugam ; Sankar Ganesh Karuppasamy ; Sheela Gow ; Oswal Manoj ; K Kalavani **All Authors**

3 Full Text Views



Abstract

Abstract:

Autism spectrum disorder (ASD) a development disability which causes several challenges in social, communication and behaviour abilities. ASD people are nowhere much different when compared to ordinary people rather the way they interact will be different, few ppl of ASD needed help for all basic needs and others don't. On effectively identifying ASD at the earlier stages helps to provide therapy to improve their skills. Being a disability in neurological development, many researchers are trying to predict the ASD in advance with Image processing techniques based on MRI Images. This research work has attempted to develop a prediction system based on Convolution Neural Network (CNN) based on their photos. Database for the required model is taken from Kaggle and split into 80:20 for training and testing the model. Our model managed to give an accuracy rate of 91% and a overall loss of 0.53.

Document Sections

- I. Introduction
- II. Literature Survey
- III. Proposed System
- IV. Experimental Results
- V. Conclusion

Published in: 2021 Fifth International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC)

R&D | PAPER PUBLICATION | EEE

Multimedia Tools and Applications
<https://doi.org/10.1007/s11042-021-11467-x>

1197: ADVANCES IN SOFT COMPUTING TECHNIQUES FOR VISUAL INFORMATION-BASED SYSTEMS



A genetic load balancing algorithm to improve the QoS metrics for software defined networking for multimedia applications

Himanshi Babbar¹ · S. Parthiban² · G. Radhakrishnan³ · Shalli Rani¹

Received: 1 July 2020 / Revised: 25 May 2021 / Accepted: 19 August 2021 /

Published online: 08 January 2022

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Abstract

With the increasing growth in the network and latest technologies by which people communicates via voice or data and modifies the radio devices easily and cost effectively. Software defined radio brings the flexibility, power and efficiency including cloud and big data, control and management of the traditional networks has raised the challenges for the development of multimedia applications. Multimedia applications require to handle the large amount of data at the servers which has increased the load on them. To resolve this issue, Software Defined Networking (SDN) came into existence which makes the management of the network more conformable. To satisfy the constraints of Quality of Service (QoS) and Quality of Experience (QoE) with the limited network availability, one of the keynotes that have been taken into consideration is the load balancing. Therefore, many servers can be used with the load balancers which behave as the front end. The present paper aims to reflect impact on the efficiency of the usage of software-defined networks service in various multimedia applications. A genetic load balancing algorithm (GLBA) is proposed and is implemented on POX controller with mininet emulator in python language to compute its effectiveness and efficiency. Validation of GLBA for 100 to 600 users over server load, weighted round robin, round robin, dynamic server and LBSRT algorithms with parameters, throughput, response time, memory and CPU utilization has proved the significance of proposed algorithm.

Keywords Software defined networking (SDN) · Load balancing · Multimedia application · Genetic load balancing algorithm · LBSRT · Round robin · Dynamic Server

Shalli Rani
Shalli.Rani@chitkara.edu.in; shalir79@gmail.com

Extended author information available on the last page of the article.



Mr.G.Radhakrishnan, Assistant Professor, EEE Department has published a paper entitled "A Genetic load Balancing Algorithm to Improve the QoS Metrics for Software Defined Networking for Multimedia Applications" in Multimedia Tools and Applications. It is indexed in Scopus & SCI journal. Impact Factor: 2.757. ISSN:1573-7721. DOI:<https://doi.org/10.1007/s11042-021-11467-x>,

R&D | PAPER PUBLICATION | ECE



Ms.S.M.Asha Banu, Assistant Professor, from the Department of ECE has published a paper entitled "Early Stage of Breast Cancer Detection using Wearable Health Diagnosis System" in the Journal of Medical Imaging and Health Informatics. It is listed in Annexure I of Anna University, Chennai and is a Scopus and WoS Indexed Journal.

INFOGRAPHICS | DIGITAL CITIZENSHIP AND INTERNET SAFETY

<p>1 LAWS Many sites and web tools are 13+. Most images and work online are protected by copyright. </p>	<p>2 TALK Tell your parents what you're doing online. Always ask a trusted adult if you're unsure of anything. </p>
<p>3 FRIENDS Don't add or meet online friends without parent permission. Don't trust everything friends tell you. </p>	<p>4 PRIVACY Keep personal info private: Your full name, Address, Phone number, Passwords, Your plans and birthday. </p>
<p>5 REPUTATION Don't post anything you wouldn't want teachers, family, friends, and future employers to see. </p>	<p>6 QUESTION You can't believe everything you read and see online. There's a lot of incorrect and biased info. </p>
<p>7 BULLYING Tell someone if you think cyberbullying is happening to you or other people you know. </p>	<p>8 ACCOUNTS Choose sensible email addresses and usernames. Use strong passwords and don't share them with others. </p>
<p>9 MANNERS Be polite and respectful at all times. Treat others online how you'd like to be treated. </p>	<p>10 UNPLUG Balance your screen time and green time. Get outdoors, move, play, and interact face to face. </p>

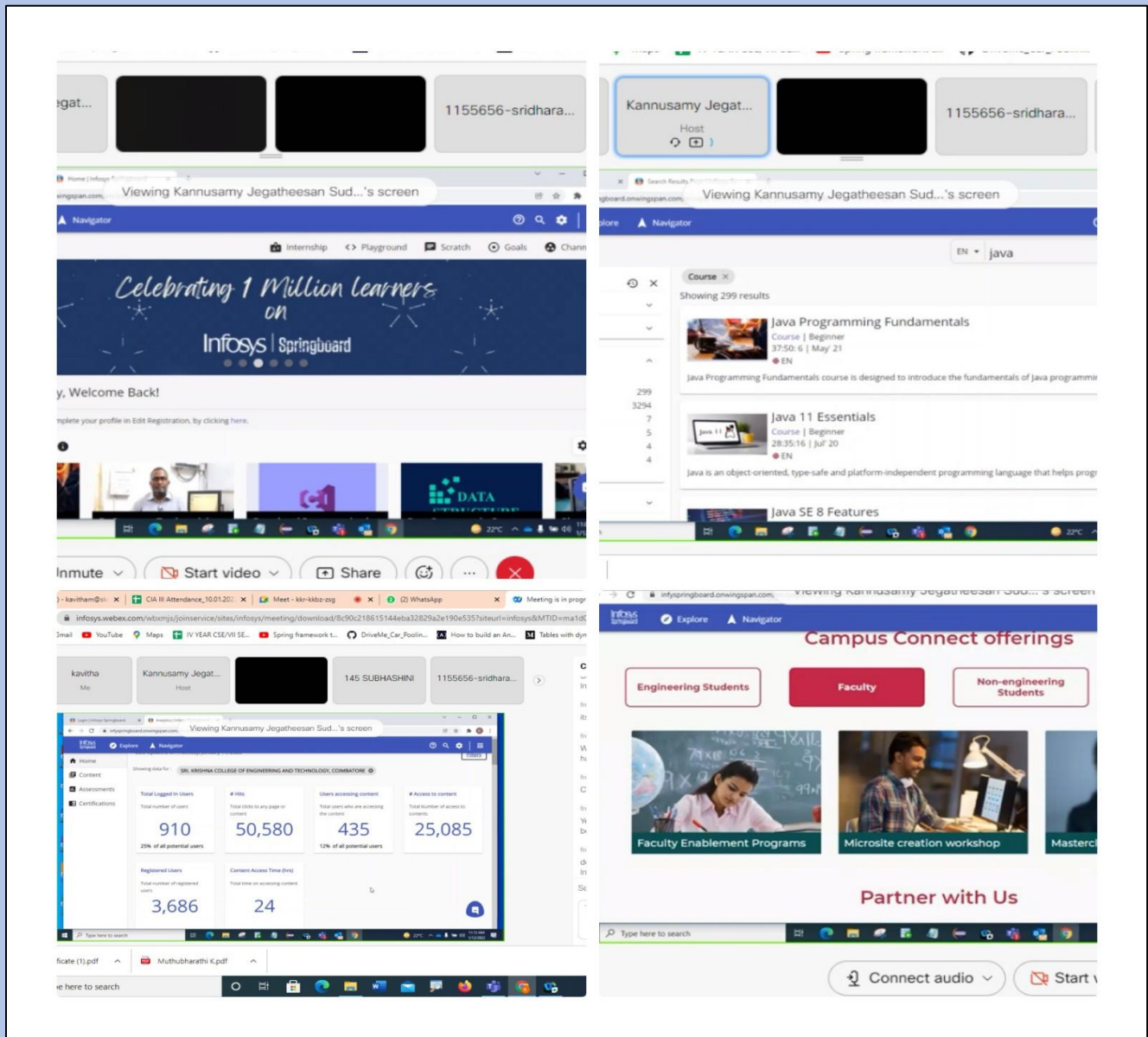
If in doubt, **think** about and **talk** it out

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TRAINING AND PLACEMENT

PLACEMENT | CAMPUS CONNECT AND INFOSYS SPRINGBOARD -VIRTUAL ROADSHOW FOR STUDENTS



Dr. Jayasudha Subburaj, Placement Officer along with the Placement team and 2024 batch students attended Infosys Springboard Virtual Roadshow event on 12th January, 2022 organized by Infosys Campus Connect Team.

PLACEMENT | TESTIMONIAL BY PLACED STUDENTS



Naveen S,
CSE (2021 Batch),
Maxlinear

My learning journey of Computer Science and Engineering started with Sri Krishna College of Engineering and Technology. I started walking through the path of my learning journey with the institution. In our College, It was not just about academics, they gave equal importance to extra-curricular activities. I still remember the days where we used to give our snap talks regarding the subject we prefer or the subjects we learn. This helped me a lot in improving my communication skills. Our college has helped me in building my career path. I want to extend my hearty thanks to the Placement team of Sri Krishna, who helped me crack placement interview and get placed in a reputed company.

First of all, I would like to thank to Sri Krishna Institute faculty members for putting in all efforts to groom me and make me an IT Professional. My Under Graduate course at the Sri Krishna Institute bought a value added to my life. It nourished me and gave me a value to define me. It is a place of learning, fun, culture and some preaching activities. I will always be grateful to them for providing me a platform of practical learning and preparing me for corporate life. Thanks to my parents, SKCET Management, Principal and the entire SKCET family for the wonderful opportunity.



Janan K,
CSE (2021 Batch),
Hexaware



FACULTY CERTIFICATIONS

IT | ORACLE CLOUD INFRASTRUCTURE ARCHITECT PROFESSIONAL



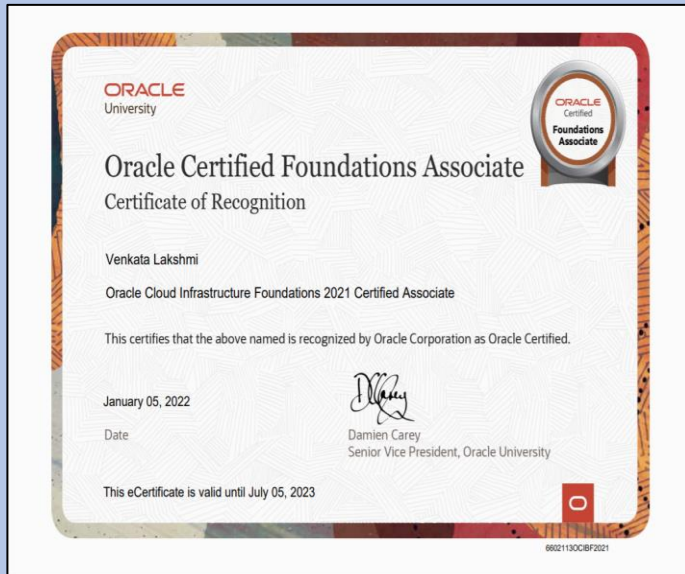
Dr.Durga.S, Associate Professor, Department of Information Technology has certified “Oracle Cloud Infrastructure 2021 Certified Architect Professional” recognized by Oracle Corporation.

MCT | FDP ON RESEARCH CHALLENGES IN ELECTRICAL ENGINEERING AND THE SOLUTION WITH SOFTWARE

Mrs.J.Indirapriyadharshini, Assistant Professor, Department of MCT, has successfully completed Five Days FDP on Research Challenges in Electrical Engineering and the Solution with Software from 20.12.2021 to 24.12.2021 organized by Sai Ram Engineering College, Chennai.



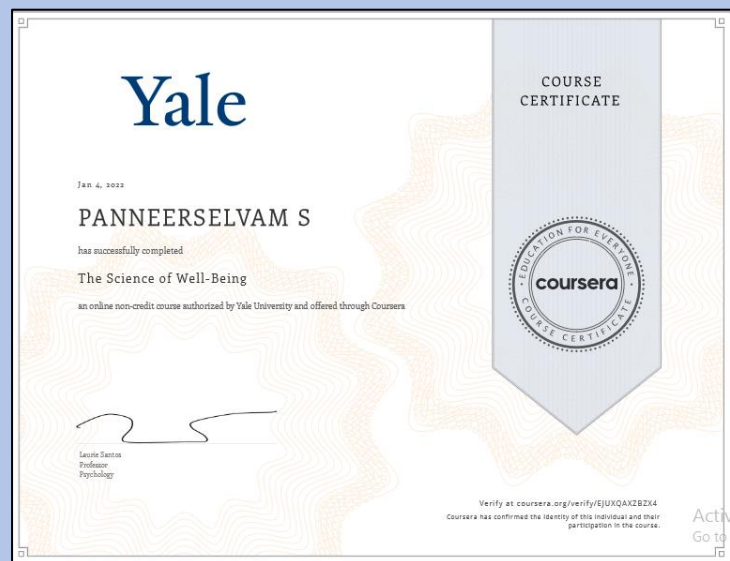
AI & DS | ORACLE CERTIFIED ASSOCIATE



Dr.S.Venkata Lakshmi, Professor and Head, Department of **AI & DS** have been recognized as “**Oracle Cloud Infrastructure Foundations 2021 Certified Associate**” by Oracle Corporation.

MCT | COURSERA CERTIFICATION

Mr.S.Panneerselvam, Assistant Professor, **MCT** has successfully completed the course titled “**The Science of Well-Being**” authorized by Yale University and offered through Coursera.



CSE | FDP ON DIGITAL TEACHING TECHNIQUES

Ms.N.Kousika, Assistant Professor, CSE has participated in the one week FDP on "Digital Teaching Techniques" organized by ICT Academy, from 27.12.2021 to 31.12.2021.



EEE | AICTE-ISTE REFRESHER PROGRAMME ON MACHINE LEARNING IN BIOMEDICAL ENGINEERING



Mr.R.Kavin, Assistant Professor, EEE Department has participated in AICTE-ISTE Refresher Programme on "Machine Learning in Biomedical Engineering" organized by R.M.K. Engineering College, Chennai.

CSE | ORACLE CERTIFICATION



Dr.B.Arun Kumar, Dr.V.Vijeya Kaveri, Ms.V.R.Azhaguramyaa, Dr.A.Pushpalatha, Ms.N.Kousika, faculty members, CSE have successfully completed a course on “Oracle Cloud Infrastructure 2021 Certified Architect Professional” organized by Oracle Corporation.

EEE | AICTE-ISTE REFRESHER PROGRAMME ON BIG DATA ANALYTICS FOR SMART GRID



Mr.N.Loganathan, Mr.S.Karthikeyan, Ms.C.Pavithra, Ms.T.Malini Assistant Professors, EEE Department have participated in AICTE-ISTE Refresher Programme on **"Big Data Analytics for Smart Grid"** organized by Sri Krishna College of Engineering and Technology, Coimbatore.

MCT | AICTE-ISTE REFRESHER PROGRAMME ON BIG DATA ANALYTICS FOR SMART GRID



Ms. K.Ananthi and Ms. Nithiya priya S, Assistant Professors, Department of MCT, have successfully completed the AICTE ISTE approved Orientation programme on **Big Data Analytics for Smart Grid** held During 14.12.2021 to 20.12.2021 organized by Sri Krishna College of Engineering and Technology.



MECH | FDP ON DIGITAL TEACHING TECHNIQUES

Dr. S. Karthik, Assistant Professor, **Mechanical Engineering** has successfully completed an online certificate course on **'Digital Teaching Techniques'** organized by ICT Academy from 27.12.2021 to 31.12.2021.



SKCET

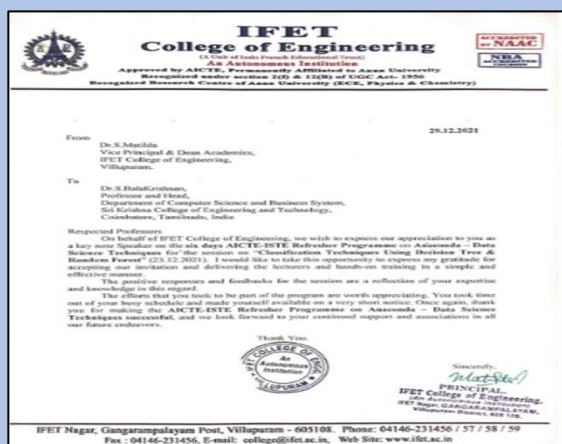


Buzz



FACULTY PROGRESSION

CSBS | REFRESHER PROGRAMME RESOURCE PERSON



Dr.S.Balakrishnan, Professor and Head, Department of Computer Science and Business Systems has been the Resource Person for the AICTE - ISTE Sponsored Refresher Programme on “Anaconda - Data Science Techniques”, on the topic “Classification Techniques Using Decision Tree & Random Forest” during 20th - 27th December 2021, organized by IFET College of Engineering, Villupuram.

CSBS | CONFERENCE SESSION CHAIR

Dr.V.Arulkumar, Associate Professor, Department of Computer Science and Business Systems has preceded an active role as a Session Chair in 1st International Conference on EMMA-2021 (Engineering, Medicine, Management, Arts and Sciences) organized by Chendur Research Foundation (CRF) in Association with Panipat Institute of Engineering & Technology (PIET) during 24 - 26 December 2021.



CSBS | JURY CUM EVALUATOR

Dr. S. Balakrishnan, Professor and Head, Department of **Computer Science and Business Systems** has headed an active role as **Evaluator cum Jury** in **ASEAN-INDIA HACKATHON** organized by **Ministry of Education India** during **1st to 3rd Feb 2021**.



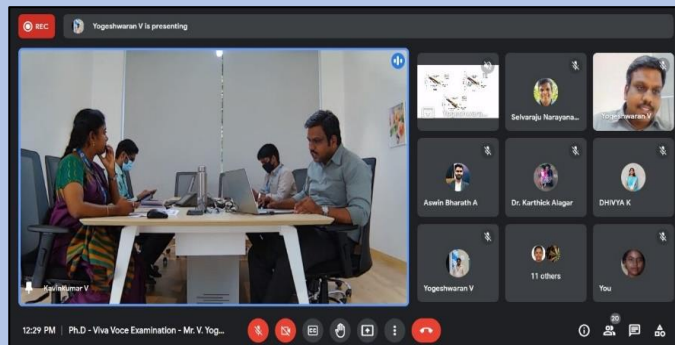
CSBS | IEEE PAPER REVIEWER



Dr. S. Balakrishnan, Professor and Head, Department of **Computer Science and Business Systems** has reviewed a paper from **IEEE** titled **“Multimodal Neural Network Acceleration on a hybrid CPU-FPGA Architecture: A Case Study”** on **29th December 2021**.

CIVIL | PH.D VIVA VOCE

Mr.V.Yogeshwaran, Assistant Professor, Department of **Civil Engineering** has successfully defended his thesis on the topic **“Experimental studies on the removal of heavy metal ions from the aqueous solutions using biochar derived from agricultural waste”** and was highly lauded by the committee members.



CSE | GUEST SPEAKER IN DATA SCIENCE & BLOCK CHAIN

Dr.B.Arun Kumar, Professor, Department of **CSE** has been invited as a guest speaker for AICTE-ISTE Sponsored six days program on **“Data Science and Block Chain”**. He delivered a lecture on the topic **“Introduction to Block Chain and How Block Chain Technologies will create a greater impact”** organized by CSMSS Chh. Shahu College of Engineering Aurangabad on 06.01.2022.

CSMSS Chh. Shahu College of Engineering Aurangabad
in coordination with
Center for Technical Skills and Entrepreneurship
organizes
AICTE-ISTE Sponsored six days Refresher Program on “DATA SCIENCE & BLOCK CHAIN”

Day: 4 Date: 06/01/2022 Time: 10.30 am to 12.30 pm

Name:	Dr. B. Arun Kumar
Topic:	Introduction to Block Chain & How Block Chain technologies will create a greater impact
Organization:	Sri Krishna College of Engineering & Technology, Coimbatore
Profile:	Associate Professor

SKCET
Buzz



CONFERENCE PRESENTATION

CSBS | BEST PAPER AWARD



Dr.S.Balakrishnan, Professor and Head, CSBS along with **Sri Jayanth P, Parvathynathan S, Sivashankar R** students of CSBS have presented a research paper entitled “**Artificial Intelligence-Based Vociferation Chatbot for Emergency Health Assistant**” in the International conference ICEMMA 2021, Chennai during 24-26 December 2021. The paper was highly appreciated and had received the **Best Paper Award**.

CSBS | BEST PAPER AWARD

Dr.V.Arulkumar, Associate Professor, CSBS along with the students **Pavithran M, Praveen Chandar P and Ravishankar V** from Department CSBS has received the “**Best Paper Award**” for presenting a paper titled “**A Survey On Diagnosing Chronic Kidney Diseases Using Machine Learning Methodology**” in the International conference ICEMMA 2021, Chennai during 24 - 26 December 2021.



MCT | CONFERENCE PRESENTATION



Dr.T.A.Selvan, Professor, Department of Mechatronics Engineering has presented the paper entitled **Taguchi based Grey Relational Study for Multiple Criterion Optimization on - Chemical Machining of Inconel Super Alloy in ICEMMM 2021** organized by the Department of Mechanical Engineering, SSN College of Engineering, Chennai on 16th and 17th December 2021.

IT | CONFERENCE PRESENTATION

Dr.S.Deepakanmani, Associate Professor, Department of **Information Technology**, has presented a research article titled **"Private and Secure Blockchain-based Mechanism for an Online Voting System"** in the 4th International Conference on Big Data Innovation for Sustainable Cognitive Computing - EAI BDCC 2021 on 17th and 18th December 2021 at Coimbatore, Tamilnadu, India.



CIVIL | CONFERENCE PRESENTATION

Ms.G.Preethi, Assistant Professor, Department of **Civil Engineering** along with the **Final year Civil Engineering** students **M. Srinithish**, **U. Abishek Pragadeeshwar** and **S. B. Ajay** participated in the National Conference on Sustainable Materials and Smart Practices (NCSMSP'21) from 17th to 18th December. They presented their work on **"Experimental investigation on improving air quality with indoor plants"**. The paper was selected as the **best paper at the conference NCSMSP'21**.



IT | CONFERENCE PRESENTATION



Dr.S.Durga, Associate Professor, Department of **Information Technology**, has presented a research article **"Private and Secure Blockchain-based Mechanism for an Online Voting System"** in the 4th International Conference on Big Data Innovation for Sustainable Cognitive Computing-EAI BDCC 2021 on 17th and 18th December 2021 at Coimbatore, Tamilnadu, India.

