



SKCET
Buzz

29th January - 4th February 2022



Editor-in-Chief

Dr.J.Janet

Principal

Co-Editor

Dr.S.Venkata Lakshmi – AI & DS

Editorial Team

Mrs.K.Ananthi – MCT,

Mr.S.Sureshkumar – CSE,

Mrs.S.Mary Fabiola - S&H



INSIDE THE ISSUE



• **STUDENTS CERTIFICATIONS**

PG 03 - 05



• **EVENTS**

PG 06 - 09



• **RESEARCH AND DEVELOPMENT**

PG 10 - 14



• **TRAINING AND PLACEMENT**

PG 15 - 16



• **TUTOR WARD MEETING**

PG 17 - 18



• **FACULTY CERTIFICATIONS**

PG 19 - 26



• **CONFERENCE PRESENTATION**

PG 27 - 29



STUDENT CERTIFICATIONS

IT | INTERNSHIP @ DEVTOWN



Sanjay V, student of **Second** year **IT C** has successfully completed his internship training with Devtown, Bangalore from 10.08.2021 to 20.11.2021.

AI&DS | BOOTCAMP ON GET STARTED WITH REACT



Tharun.S and **Varun S** students of **Second** year, **Artificial Intelligence and Data Science** have successfully completed 7 days Bootcamp on "**Get Started with React**" provided by devtown.

DO YOU KNOW?

Everytime you learn a new fact, your brain changes. It's called Neuroplasticity.

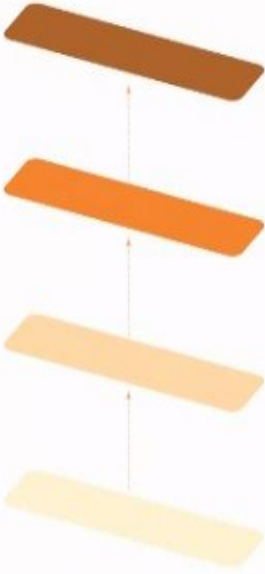
SKCET
Buzz



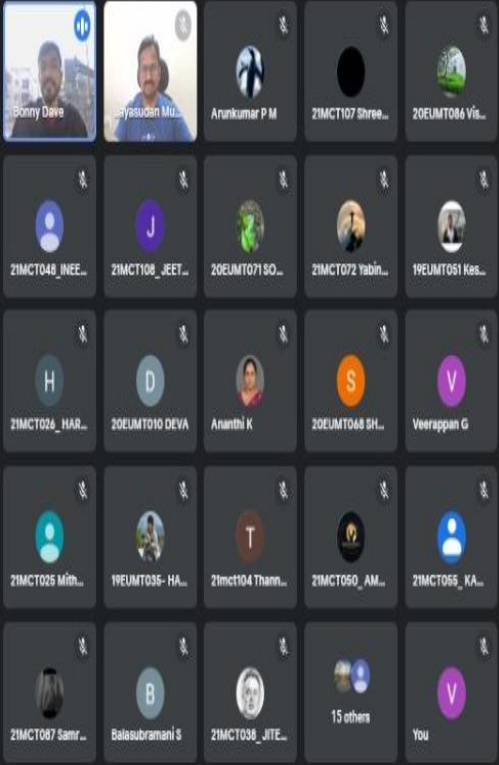
EVENTS

MCT | INDUSTRY EXPERT TALK


The role of AI and Technology as an enabler



- Accessibility**
- Post-Processing:**
 - Page-layouting
 - Reading Order arrangement for Multi-column content
 - Text-segmentation
 - Audio-highlighting
 - Content Summarization
 - Auto Language Detection
 - Multi-media Overlay
- Processing:**
 - Existing technologies
- Pre-processing:**
 - Skew-correction
 - Noise-reduction
 - Image Resizing
 - Page-layout Analysis
 - Auto Language detection



5:05 PM | ghx-bzcf-ijc



Industrial Expert Talk was organized on 27.1.2022 by the Department of MCT on the topic “**My journey from College to Social Entrepreneurship**”. **Mr. Bonny Dave**, Co-founder of Trestle Labs was the Resource Person. Importance of AI and how it is used to build Assistive Technology Solution for blind & visually impaired people at Trestle Labs were the session highlights.

MCT | WEBINAR ON INTELLIGENT ROBOT SWARM

SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY
 AN AUTONOMOUS INSTITUTION / ACCREDITED BY NAAC WITH 'A' GRADE
 KUNIAMUTHUR, COIMBATORE - 641 008

DEPARTMENT OF MECHATRONICS ENGINEERING
 &
The Robotics Society

INVITE YOU FOR THE
Webinar on
INTELLIGENT ROBOT SWARM

By
Dr. N. Mithran
 Associate Professor,
 Dept. of Mechatronics Engineering,
 SKCET, Coimbatore

<https://meet.google.com/efb-fnty-sjn>

04.00 PM on
24 January 2022,
SKCET

ANT COLONY PARTICLE SWARM OPTIMIZATION

Dr. Mithran is presenting

19EUMT014

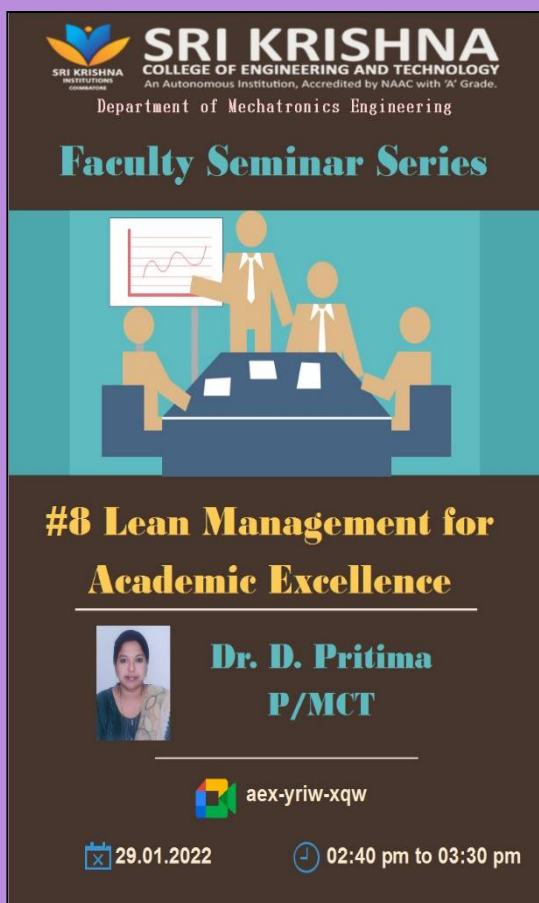
Dr. Natraj

You

Dr. Mithran 31 others

Department of **MCT** in association with **The Robotics Society** organized a webinar on the topic “**Intelligent Robot Swarm**” on 24.01.2022. **Dr.N.Mithran**, Associate Professor, **MCT**, was the Resource Person. The importance of swarm algorithm in efficient movement of robots, Fault tolerances De centralized approach Flexibility system and Robustness were the session highlights.

MCT | FACULTY SEMINAR SERIES



SRI KRISHNA
COLLEGE OF ENGINEERING AND TECHNOLOGY
An Autonomous Institution, Accredited by NAAC with 'A' Grade.
Department of Mechatronics Engineering

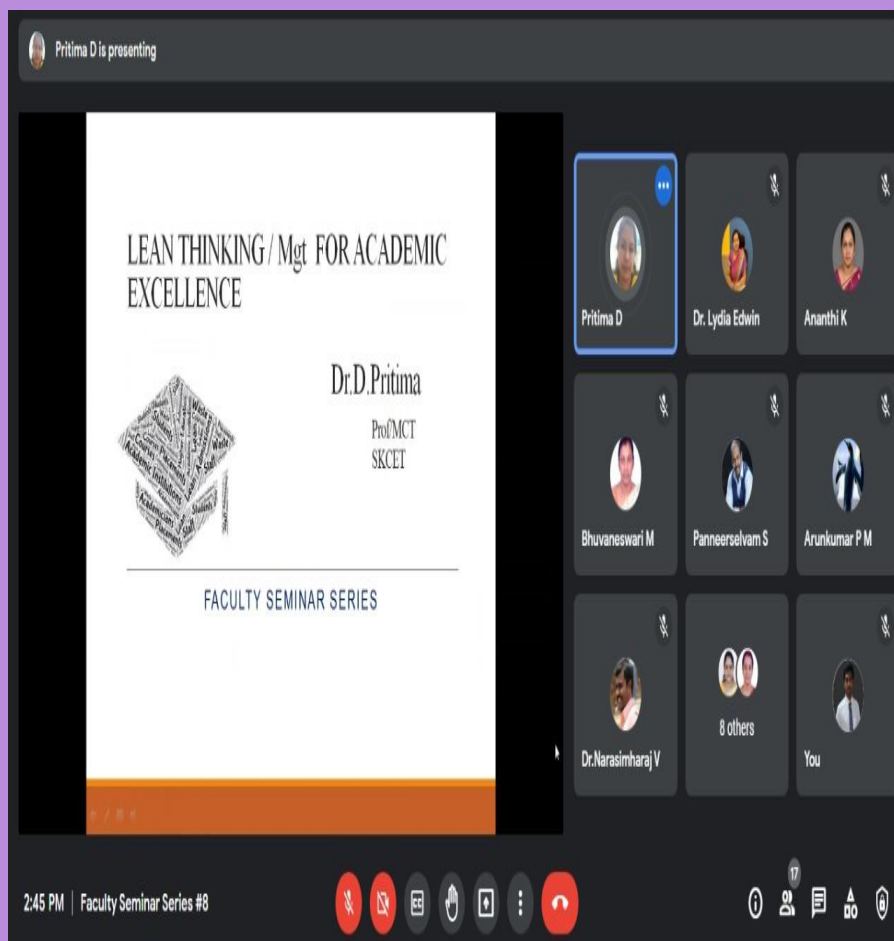
Faculty Seminar Series

#8 Lean Management for Academic Excellence

Dr. D. Pritima
P/MCT

aex-yriw-xqw

29.01.2022 02:40 pm to 03:30 pm



Pritima D is presenting

LEAN THINKING / Mgt. FOR ACADEMIC EXCELLENCE

Dr.D.Pritima
Prof/MCT
SKCET

FACULTY SEMINAR SERIES

2:45 PM | Faculty Seminar Series #8

As a part of Faculty Seminar Series organized by the Department of **MCT**, **Dr.D.Pritima**, Professor, **MCT** delivered a lecture on the topic “**Lean Management for Academic Excellence**” on 29.02.22. The adoption of lean principle to improve academic standards was the session highlight.

SKCET



Buzz



RESEARCH AND DEVELOPMENT

R&D | PATENT PUBLICATION | AI&DS

| | |
|---|--|
| (12) PATENT APPLICATION PUBLICATION (19) INDIA (22) Date of filing of Application :08/12/2021 (54) Title of the invention : Wearable IoT enabled Health sensor framework system | (21) Application No.202141056936 A (43) Publication Date : 14/01/2022 |
| (51) International classification : A61B00050000, A61B00050000, A61B00050000, A61B00050000 (56) International Publication No. : NA (57) International Publication No. : NA (61) Patent of Addition to Application Number : NA (62) Divisional to Application Number : NA (63) Divisional to Application Number : NA (64) Divisional to Application Number : NA (65) Divisional to Application Number : NA (66) Divisional to Application Number : NA (67) Divisional to Application Number : NA (68) Divisional to Application Number : NA (69) Divisional to Application Number : NA (70) Divisional to Application Number : NA (71) Name of Applicant : Dr. T.Sujatha Address of Applicant :Associate Professor, Department of AI and DS, Sri Krishna College of Engineering and Technology, Dr. A. Jayasri Address of Applicant :Assistant Professor, Department of ECE, R.M.K. Engineering College, Dr. A. Kousalya Address of Applicant :Associate Professor, IT Department, Sri Krishna College of Engineering and Technology, Dr. K. Mathkumar Address of Applicant :Assistant Professor, Department of EEE, Karpagam Institute of Technology, Dr. S. Harshini Address of Applicant :Department of Instrumentation and Control Engineering, Sri Sairam Engineering College, Dr. B. Latha Address of Applicant :Associate Professor, Karpagam Academy of Higher Education, Dr. K. Venkataraman Address of Applicant :Associate Professor, KGSIL, Institute of Technology, Dr. E. Karuppusamy Address of Applicant :Assistant Professor, Department of Science and Humanities, Sri Krishna College of Engineering and Technology, Dr. G. Jayanthi Address of Applicant :Department of Instrumentation and Control Engineering, Sri Sairam Engineering College, Dr. M. Mohanraj Address of Applicant :Assistant Professor, Department of Instrumentation and Control Engineering, Sri Sairam Engineering College, Dr. K. Suman T Address of Applicant :Ipadu, Trichy | |
| (52) Name of Inventor : Dr. T.Sujatha Address of Applicant :Associate Professor, Department of AI and DS, Sri Krishna College of Engineering and Technology, Dr. A. Jayasri Address of Applicant :Assistant Professor, Department of ECE, R.M.K. Engineering College, Dr. A. Kousalya Address of Applicant :Associate Professor, IT Department, Sri Krishna College of Engineering and Technology, Dr. K. Mathkumar Address of Applicant :Assistant Professor, Department of EEE, Karpagam Institute of Technology, Dr. S. Harshini Address of Applicant :Department of Instrumentation and Control Engineering, Sri Sairam Engineering College, Dr. B. Latha Address of Applicant :Associate Professor, Karpagam Academy of Higher Education, Dr. K. Venkataraman Address of Applicant :Associate Professor, KGSIL, Institute of Technology, Dr. E. Karuppusamy Address of Applicant :Assistant Professor, Department of Science and Humanities, Sri Krishna College of Engineering and Technology, Dr. G. Jayanthi Address of Applicant :Department of Instrumentation and Control Engineering, Sri Sairam Engineering College, Dr. M. Mohanraj Address of Applicant :Assistant Professor, Department of Instrumentation and Control Engineering, Sri Sairam Engineering College, Dr. K. Suman T Address of Applicant :Ipadu, Trichy | |
| (53) Abstract : As the number of ubiquitous services offered by mobile devices increases substantially the number of mobile users also increases at an equivalent phase. This has led to the need for a secure communication framework, while obtaining e-health information. Wearable sensor devices are connected to the patient's physical being in order to monitor glucose level, serum cholesterol, hypertension, blood pressure etc. In this work a secure framework is proposed to transmit information from the sensors in a more safe and secure manner. The first step in this methodology involves patient authentication which leverages the wearable sensor devices to activate. Angit link with the appropriate patient after which the information is sent to the cloud server. Along with username and password the patient's biometric information is also sent as an additional parameter. The raw methods followed to merge data are quantum cryptography and Substitution Caesar cipher. The computational cost of the proposed system is considerably lower than that of the other previously existing systems. Moreover, the average correlation coefficient value stands at 0.04. This value is near '0' which is indicative of the algorithm's strength. The proposed work is compared with the existing methodologies and an analysis is made accordingly. No. of Pages : 8 No. of Claims : 5 | |
| The Patent Office Journal No. 02/2022 Dated 14/01/2022 | 1511 |

Patent titled **“Wearable IoT Enabled Health Sensor framework system”** has been published by **Dr.T.Sujatha**, Associate Professor, **AI&DS**, in the IPR Journal identified with Application No: 202141056936 A on 14.01.2021.

R&D | PATENT PUBLICATION | CSE

Dr.P.Mohan Kumar, Professor, Department of **CSE**, has filed a patent entitled **“Device to Communicate with the Bank Staff”** in Indian IPR Journal on 10-12-2021 with Application Number 357537-001.

| | | |
|--|--|---|
| | | Controller General of Patents, Designs and Trademarks Department of Industrial Policy and Promotion Ministry of Commerce and Industry |
| <p>Design Application Details</p> <p>Application Number: 357537-001</p> <p>Cbr Number: 212685</p> <p>Cbr Date: 28/01/2022 21:11:33</p> <p>Applicant Name: 1. Dr.P.Govindasamy 2. Dr. Uma Shankar 3. K. Nalini 4. Dr. P. Mathuraswamy 5. Dr. P. Mohan Kumar 6. Mr.S.Kanthasamy 7. Mr.T.Tamilanban</p> | | |
| <p>Design Application Status</p> <p>Application Status: Application Under Process(wating for Technical Examination)</p> <p>Back</p> | | |

R&D | PAPER PUBLICATION | ECE

ieeexplore.ieee.org/document/9676131/authors#authors

Conferences > 2021 5th International Confer...

Internet of Things based Automobile Accident Detection System

Publisher: IEEE [Cite This](#) [PDF](#)

M. Karpagam ; A.P.Akaash ; M. Ahmed Ibrahim ; E. Egbert Briston ; S. Gautham [All Authors](#)

[Abstract](#) [Document Sections](#) [I. Introduction](#) [II. Literature Survey](#) [III. Hardware Description](#) [IV. Methodology](#) [V. Proposed System](#) [Show Full Outline](#) [Authors](#)

Abstract:
The social and economic impacts led by road accidents in highways and freeways are huge. Immediate attention has to be given so that escorting the injured can be done faster. The incoming trend in automotive technologies can offer better assistance for the injured with the information being transmitted faster and reducing the response time. Accurately determining the predefined values of a vehicle will help in detecting and reporting accidents to the external control units, so that severity can be determined and can offer the necessary assistance by accurately defining the geographical area

Published in: 2021 5th International Conference on Electronics, Communication and Aerospace Technology (ICECA)

Date of Conference: 2-4 Dec. 2021 **DOI:** 10.1109/ICECA52323.2021.9676131

Date Added to IEEE Xplore: 20 January 2022 **Publisher:** IEEE

ISBN Information: **Conference Location:** Coimbatore, India

ieeexplore.ieee.org/document/9676011/authors#authors

Conferences > 2021 5th International Confer...

IoT Based Intelligent Fire Fighting Machine Using Arduino

Publisher: IEEE [Cite This](#) [PDF](#)

Soundari D. V ; Shri Yazhini. R ; T Sneka ; S. Shobika ; Srijith Raj. S [All Authors](#)

[Abstract](#) [Document Sections](#) [I. Introduction](#) [II. Literature Survey](#) [III. Methodology](#) [IV. Hardware Description](#) [V. Result and Discussion](#) [Show Full Outline](#) [Authors](#) [Figures](#)

Abstract:
In today's world we come across many fire accidents. Fire fighters need to risk their lives in saving fire victims and in extinguishing fire. In such situations they can get trapped in fire and lose their lives and also harmful gases produced due to accident causes breathing trouble and several health issues. Intelligent fire fighting machines are used to detect fire and reduce the injuries of firefighters and deaths. This as well as increases the effectiveness of performing tasks. It locates fire inside a structure or a place which are in its view and sends messages to the owner immediately. As the accident area is full of smoke, it is difficult to move through and to identify the victim in the fire zone by firefighters. So this intelligent fire fighting machine can be used to eliminate these situations risking human life. The security at house, office, factory, laboratory and other places is important for our day to day life. An IoT based fire extinguishing machine is developed using ARDUINO, which can detect fire in these areas and can extinguish itself without risking human life.

Published in: 2021 5th International Conference on Electronics, Communication and Aerospace Technology (ICECA)

Date of Conference: 2-4 Dec. 2021 **DOI:** 10.1109/ICECA52323.2021.9676011

Date Added to IEEE Xplore: 20 January 2022 **Publisher:** IEEE

ISBN Information: **Conference Location:** Coimbatore, India

ieeexplore.ieee.org/document/9676062/authors#authors

Conferences > 2021 5th International Confer...

IoT Based Engineering Calculator using BOLT IoT Module

Publisher: IEEE [Cite This](#) [PDF](#)

G. Saranya ; I Arulanandhaguru ; Alex M Pandiyan ; K Dharshan ; S Anandh [All Authors](#)

[Abstract](#) [Document Sections](#) [I. Introduction](#) [II. Literature Survey](#) [III. Methodology](#) [IV. Proposed System](#) [V. Result](#) [Show Full Outline](#) [Authors](#) [Figures](#) [References](#)

Abstract:
IoT plays a significant role in today's life. Calculations are inseparable from our daily life especially engineering problems. It is the key idea that developed in this project. IoT primarily based Engineering calculator goes to be a classy version of traditional scientific calculator, but with implementation of IoT. Here, the idea is to break the traditional way of carrying a calculator for exams. So a straightforward liquid show alphanumeric display calculator for basic engineering problems using Arduino UNO, Bolt cloud and an internet app is to be developed by the team. Calculating the simple and complex engineering problems and displaying it in a webpage and also to send the response back to the hardware based using the REST APIs of the web app. It'd be helpful in things where the scholar could not be furnished a full internet device style of a laptop computer or movable for his exams. The backend may be updated therefore new calculation algorithms could be introduced anytime if needed. This project will be easy to setup or to install during the examination. It suitable for most of the operating systems, also be a portable one. Hope this idea will be helpful for colleges and organisations for conducting exams and research studies.

Published in: 2021 5th International Conference on Electronics, Communication and Aerospace Technology (ICECA)

Date of Conference: 2-4 Dec. 2021 **DOI:** 10.1109/ICECA52323.2021.9676062

Date Added to IEEE Xplore: 20 January 2022 **Publisher:** IEEE

ISBN Information: **Conference Location:** Coimbatore, India

R&D | PAPER PUBLICATION | ECE

Conferences > 2021 5th International Confer...

Smart System for Hazardous Gases Detection and Alert System using Internet of Things

Publisher: IEEE [Cite This](#) [PDF](#)

R Senthil Ganesh ; M Mahaboob ; Janarthanan AN ; Lakshman C ; Poonthamilan S ; K Kavin Kumar [All Authors](#)

Abstract

Document Sections

- I. Introduction
- II. Related Works
- III. Proposed Module
- IV. Methods and Implementation
- V. Conclusion

Abstract:
Summary of Health and safety is an important issue for the workers who are involved in cleaning drainage and sewage system. There is a need for implementation of efficient safety systems for welfare of those workers in connection with their employment and life. The key goal of the project is the development of a micro-controller system for the detection of flammable and hazardous gases and alerting people. Several accidents occur due to flammable liquid such as the liquid petroleum gas, natural gas, propane, butane, methane and other flammable gases. A large number of sewer workers die each year due to the lack of accommodation options, as well as harmful, poisonous gases that are produced during the treatment of waste water. Real-time monitoring, and health care for these workers, will be helpful. This is a real-time health monitoring device that will work on the canal and form a closed loop, as a safety precaution. Moreover, it is used to automatically open the car windows, if the gas starts to leak out. It offers the real-time information to be available online for a more convenient access with a gas detector that may notice numerous dangerous gases. The advantage of automatic detection and notification system, associate degree within the course of the historically used mechanical technique is that the undeniable fact that it is the quickest reaction for discovery of an emergency scenario in a timely and accurate manner, and as a result contributes to a lot of speedy propagation during a vital scenario.

Authors

Figures

References

Keywords

Published in: 2021 5th International Conference on Electronics, Communication and Aerospace Technology (ICECA)

Date of Conference: 2-4 Dec. 2021 DOI: 10.1109/ICECA52323.2021.9676149

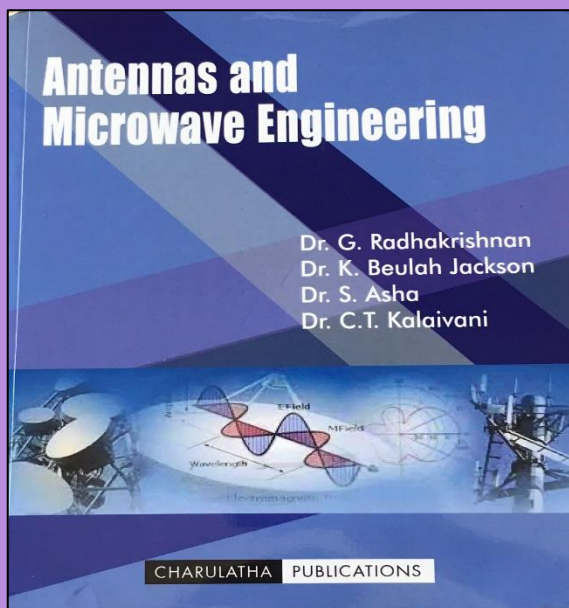
Date Added to IEEE Xplore: 20 January 2022 Publisher: IEEE

► ISBN Information: Conference Location: Coimbatore, India

Following faculty members and students from the Department of **ECE** have presented and published a paper in the 2021 **5th International Conference on Electronics, Communication and Aerospace Technology (ICECA)**. It is a Scopus Indexed IEEE Conference.

| Name of the Authors | Title of the Paper |
|--|--|
| Dr.M. Karpagam; A.P. Aakaash; M. Ahmed Ibrahim; E. Egbert Briston; S. Gautham | Internet of Things based Automobile Accident Detection System |
| Ms.Soundari D.V; Shri Yazhini.R; T.Sneka; S.Shobika; Srijith Raj. S | IoT Based Intelligent Fire Fighting Machine Using Arduino |
| Mrs.G. Saranya; I Arulanandhaguru; Alex M Pandiyan; K.Dharshan; S.Anandh | IoT Based Engineering Calculator using BOLT IoT Module |
| Dr.R Senthil Ganesh; Janarthanan.AN; Lakshman C; Poonthamilan.S; K.Kavin Kumar | Smart System for Hazardous Gases Detection and Alert System using Internet of Things |

R&D | BOOK PUBLICATION | EEE



Dr. G. Radhakrishnan, Associate Professor, **EEE** has published a book entitled "**Antennas and Microwave Engineering**" by Charulatha Publications.

R&D | BOOK CHAPTER | IT

Dr.M.Rajkumar, Professor, Department of **Information Technology** has published a research article titled "**Emperor Penguin Optimization Algorithm and M-Tree based Multi-Constraint Multicast Ad Hoc On Demand Distance Vector Routing Protocol for MANETs**" in Springer Book Series "EAI/Springer Innovations in Communication and Computing book series (EAISICC)", 01 January 2022, pp: 101-116. <https://doi.org/10.1007/978-3-030-78750-9> .

Emperor Penguin Optimization Algorithm and M-Tree-Based Multi-Constraint Multicast Ad Hoc On-Demand Distance Vector Routing Protocol for MANETs

M. Deva Priya, M. Rajkumar, S. Karthik, A. Christy Jeba Malar, R. Kanmani, G. Sandhya, and P. Anitha Rajakumari

Abstract Multicast based routing in ad hoc networks is considered essential for attaining reliable data dissemination. However, trusted data transmission can be achieved by using optimal multicast trees that aid in better performance of the network. Further, prolonging network lifetime is yet another issue that needs to be concentrated for sustained connectivity. In this chapter, Emperor Penguin Optimization Algorithm and M-Tree-based Multicast Ad hoc On-demand Distance Vector Routing (EPOA-MT-MAODV) protocol is proposed for optimal selection of multicast routes for enhancing the lifetime of the network. This proposed EPOA-MT-MAODV protocol utilizes the merits of exploitation and exploration inherited from Emperor Penguin Optimization Algorithm (EPOA) with the estimation of multifactor, path inclusion and destination. It focuses on delay, minimum distance, link stability and energy for optimal selection of optimal tree. The simulation results of the proposed EPOA-MT-MAODV protocol confirm better performance in terms of energy consumption and Link Lifespan Time (LLT) for varying number of mobile nodes and mobility speeds.

M. Deva Priya - G. Sandhya
Department of Computer Science and Engineering, Sri Krishna College of Technology,
Coimbatore, Tamil Nadu, India
e-mail: m.devapriya@skcet.edu.in; sandhya.g@skcet.edu.in

M. Rajkumar - A. Christy Jeba Malar (✉) - R. Kanmani
Department of Information Technology, Sri Krishna College of Engineering and Technology,
Coimbatore, Tamil Nadu, India
e-mail: rajkumarm@skcet.ac.in; a.christyjebamalar@skcet.edu.in; rkanmani@skcet.edu.in

S. Karthik - P. Anitha Rajakumari
Department of Computer Science and Engineering, SRM Institute of Science and Technology,
Ghaziabad, Uttar Pradesh, India
e-mail: karthics1@srmist.edu.in; anitharp@srmist.edu.in

© The Author(s), under exclusive license to Springer Nature Switzerland AG 2022
A. Haldorai et al. (eds.), *3rd EAI International Conference on Big Data Innovation for Sustainable Cognitive Computing*, EAI/Springer Innovations in Communication and Computing, https://doi.org/10.1007/978-3-030-78750-9_7

101

SKCET Buzz



TRAINING AND PLACEMENT

PLACEMENT | TESTIMONIAL BY PLACED STUDENTS



**RUPPASRI S S,
IT (2021 Batch),
ZoomRx**

I consider it as my greatest privilege to be a part of this esteemed institution SKCET. I would like to thank my faculty members for their tireless effort in teaching me the concepts and also help me to achieve my carrier goals. They not only taught me well but also brought my hidden potential and focused it in the right direction. I am also very much grateful to my parents for choosing SKCET. Thanks to our Principal Madam and entire SKCET faculty team. The constant support provided by the placement officer has given us the confidence to do well in our placements. This college has been like a family and I will always remember and cherish every moment of my life spent here.

Having spent the last four years in this esteemed institution SKCET, I have witnessed a tremendous change in my life may it be on the academic front or even on a personal level. The campus, surrounded by beautiful greenery provides an ideal platform for growth and improvement leading to the formation of bright young individuals determined to make an impact in the coming future. I would like to appreciate the placement cell at SKCET for the efforts they made for providing a fair and ample amount of chances to us students. The faculty members worked so hard on our overall development and conducted extra classes for us to enhance our technical and interpersonal skills. Thanks to my parents, SKCET Management, Principal and the entire SKCET family for the wonderful opportunity.



**SYED IBRAHIM
BADHUSHA M Z,
ECE (2021 Batch),
Hexaware**

SKCET

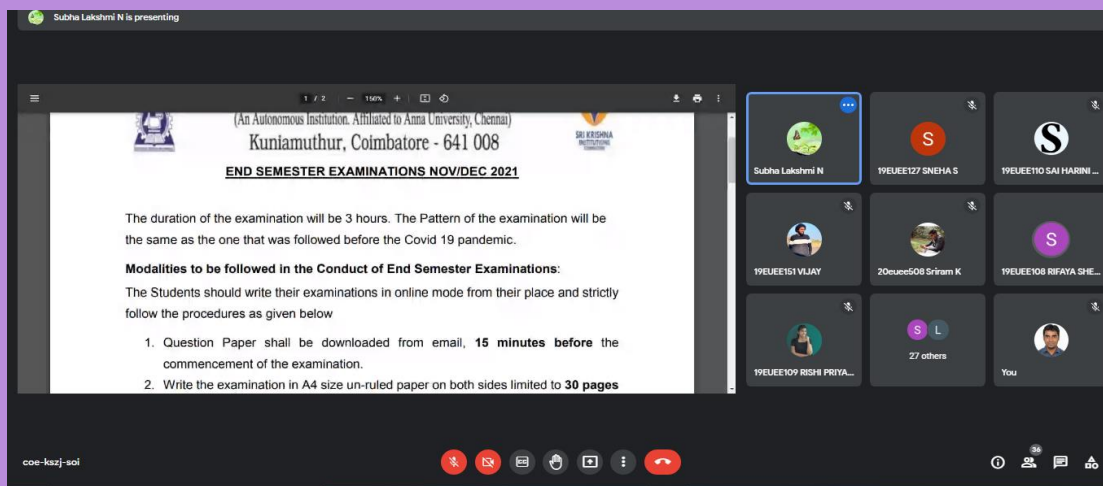
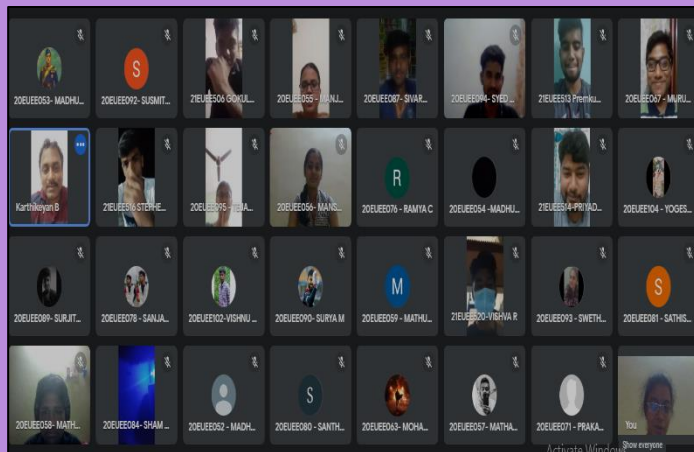
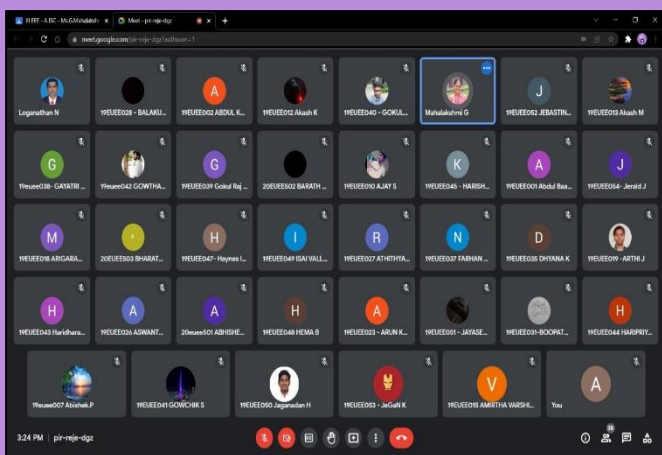
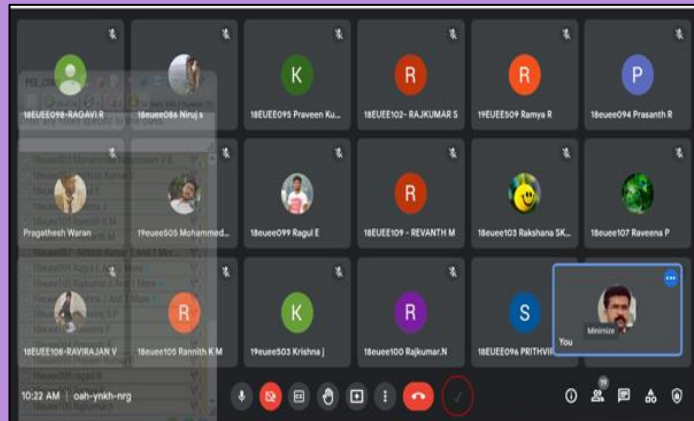
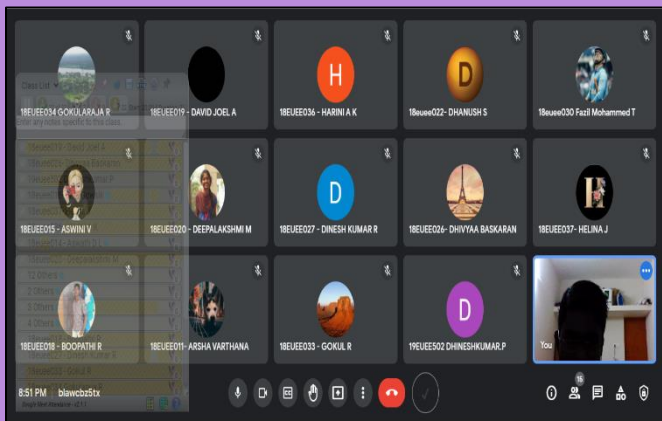


Buzz



TUTOR WARD MEETING

EEE | TUTOR WARD MEETING | II, III & IV YEAR



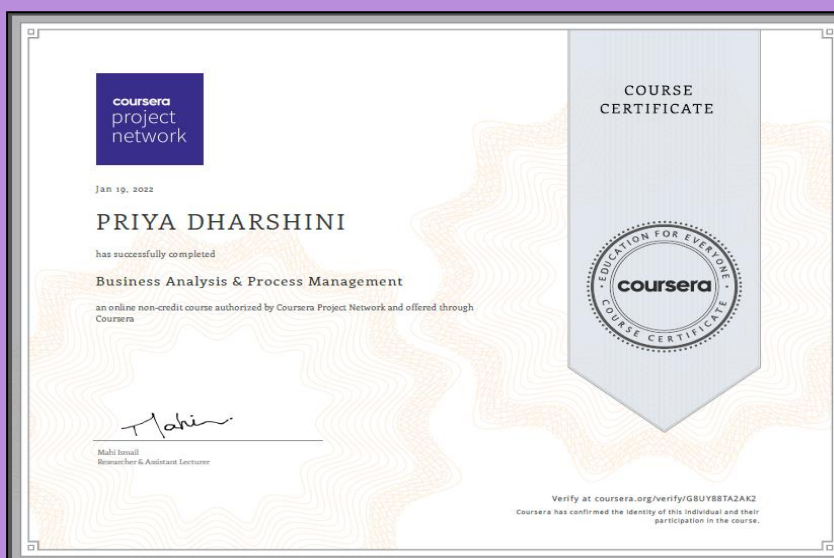
Tutor Ward Meeting was conducted for the **Second, Third** and **Final** year **EEE** students by their respective tutors. Guidelines for conduct of End Semester Examination was discussed during the meeting.

SKCET Buzz



FACULTY CERTIFICATIONS

MCT | COURSERA CERTIFICATION



Ms.J.Indhirapriyadharshini, Ms.K.Ananthi and Ms. R.Priyadharshini, Assistant Professors , MCT, have successfully completed an online course on Business Analysis & Process Management, offered through Coursera.

EEE | SEED SESSION ON GENERATING FUNDS FOR STARTUP VENTURES & PITCHING TO VC'S



Dr.G.Radhakrishnan, Associate Professor, **EEE** has successfully completed SEED Session on "**Generating Funds for Startup Ventures & Pitching to VC's**" organized by REIN Labs on 31.01.2022 and has secured **A grade** in the examination held post session.

SOM | ATAL FDP ON EXCELLENCE IN ACADEMIC LEADERSHIP

Dr.R.SuyamPraba, Associate Professor, **School of Management** has successfully completed AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "**Excellence in Academic Leadership**" from 07.01.2022 to 11.01.2022 organized by PSG College of Technology.



SOM | ATAL FDP ON FINANCE FOR NON-FINANCE

Dr.R.Suyam Praba, Associate Professor, **School of Management** has successfully completed AICTE Training and Learning (ATAL) Academy Online Elementary FDP on **"Finance For Non-Finance"** from 17.01.2022 to 21.01.2022 organized by Datta Meghe Institute of Management Studies.



MECH | FDP ON AUTOMOTIVE FRICTION MATERIALS



Dr.V.P.Srinivasan, Assistant Professor, **Mechanical Engineering** has successfully completed online Faculty Development Program on **'Automotive Friction Materials'** organized by Centre for Automotive Materials, SRM Institute of Science and Technology from 13.12.2021 to 17.12.2021.

MECH | ATAL FDP ON LEAN MANUFACTURING IN INDUSTRY 4.0 SCENARIO

Mr.J.Dhiyaneshwaran,
Assistant Professor, **Mechanical Engineering** has actively participated in the FDP titled '**Lean Manufacturing in Industry 4.0 Scenario**' organized by Raja Rajeswari College of Engineering from 24.01.2022 to 28.01.2022.



CSE | NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION



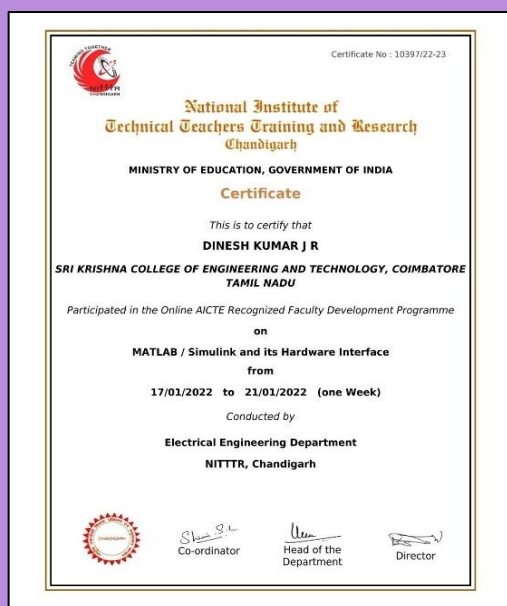
Dr.P.Mohan Kumar, Professor, **CSE** has participated in a training program on “**National Intellectual Property Awareness Mission**” organized by Intellectual Property Office, India on 27.01.2022.

CSE | ORACLE CERTIFICATION

Dr.T.Latha Maheshwari, Professor, **CSE** has successfully completed a course on **“Oracle Cloud Infrastructure 2021 Certified Architect Associate”** organized by Oracle Corporation on 01.02.2022.



ECE | MATLAB /SIMULINK AND ITS HARDWARE INTERFACE



Mr.J.R.Dinesh Kumar and **Mr.S.P.Karthi**, Assistant Professors of **ECE**, attended 5 day FDP on **“MATLAB /Simulink and its Hardware Interface”** sponsored by AICTE and conducted by NITTTR, Chandigarh, from 17.1.2022 to 21.1.2022.

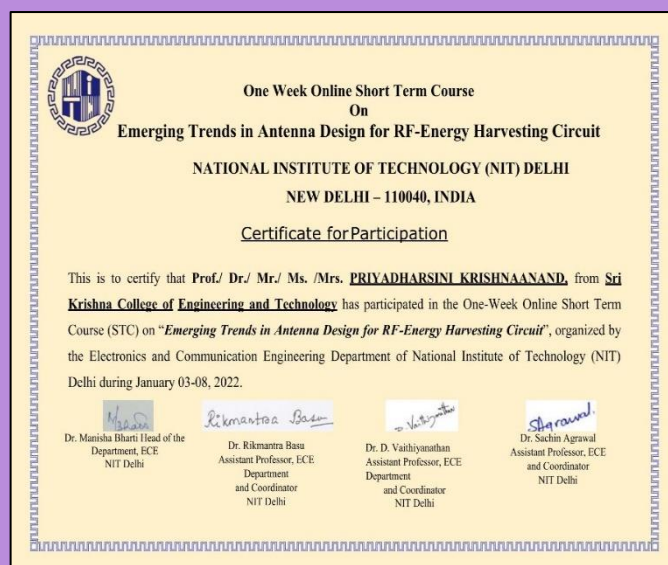
ECE | ATAL FDP ON ADVANCED MANUFACTURING OF BIOMEDICAL DEVICES FOR PRECISION HEALTH TECHNOLOGIES



Ms.N.Nanthini, Assistant Professor, **ECE** has attended a 5 day Faculty Development Programme **“Advanced Manufacturing of Biomedical Devices for Precision Health Technologies”** from 24.1.2022 to 28.1.2022.

ECE | EMERGING TRENDS IN ANTENNA DESIGN FOR RF- ENERGY HARVESTING CIRCUIT

Ms.K.Priyadharsini, Assistant Professor, **ECE** has attended One Week Online Short Term Course on **“Emerging Trends in Antenna Design for RF-Energy Harvesting Circuit”** organized by NIT-Delhi from 3.1.2022 to 8.1.2022.



EEE | AICTE - ISTE PROGRAMME ON CHALLENGES AND OPPORTUNITIES IN ELECTRIC VEHICLE TECHNOLOGY



Dr. Ramji Tiwari, Assistant Professor, **EEE** has participated in AICTE – ISTE approved orientation programme on “**Challenges and Opportunities in Electric Vehicle Technology**” organized by Annamacharya Institute of Technology and Sciences, Rajampet during 28.12.2021 to 03.01.2022.

IT | ORACLE CERTIFIED ASSOCIATE

Ms. Lavanya Selvaraj, Assistant Professor, Department of **Information Technology** has been recognized as “**Oracle Certified Associate**” by Oracle Corporation.



SKCET Buzz



CONFERENCE PRESENTATION

CSE | CONFERENCE PRESENTATION



Ms.M.Rohini and **Ms.R.Gowthamani**, Assistant Professors, **CSE** has successfully presented a paper entitled **“Web Based Application for Healthy Habit Development Through Gamification with ML”** at the Fourth International Conference on Smart Systems and Inventive Technology (ICSSIT 2022) Organized by Francis Xavier Engineering College, Tirunelveli on 20-01-2022 to 22-01-2022.

CIVIL | CONFERENCE PRESENTATION

Ms.G.Preethi, Assistant Professor, **Civil** participated and presented a paper on the topic **“Importance of Radon Assessment in Indoor Environment-a Review”** in the International Conference on Advances in Mechanical Engineering & Material Sciences organized by School of Mechanical Engineering, VIT-AP University, Amaravati held between 22nd and 24th January 2022.



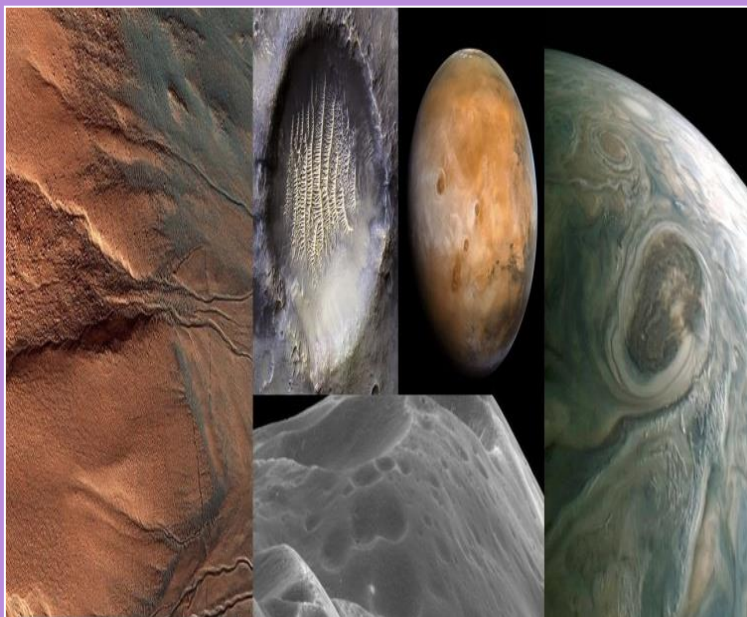
EEE | CONFERENCE PRESENTATION



Dr.S.Sivaranjani, Dr.P.Vinoth kumar, Associate Professors, **EEE** have presented a research paper entitled **“Smart Home technologies towards SMART (Specific, Measurable, Achievable, Realistic, and Timely) outlook”** in the 3rd International Conference on Mobile Computing and Sustainable Informatics-ICMCSI 2022 organized by Tribhuvan University, Nepal.

PLANETARY PICTURE OF THE WEEK - IMAGES FROM AROUND THE SOLAR SYSTEM

A Prime Meridian for Mars: This dune-filled crater, called Airy-0 (zero), defines 0° longitude for the Red Planet, much like the location of the Royal Observatory Greenwich in England does on Earth. The crater is about 43 kilometers in diameter. This enhanced-color look at the crater comes from the Mars Reconnaissance Orbiter.



WORLD CANCER DAY 04.02.2022



Annually observed on February 4th, **World Cancer Day** seeks to raise awareness and reduce the stigma surround the disease that is the second leading cause of deaths globally. The theme for World Cancer Day 2022 is '**Close the Care Gap**'. This year is a reminder of the enduring power of cooperation and collective action. This international day is a '**global uniting initiative**' led by the **Union of International Cancer Control (UICC)** and is meant to encourage the prevention, detection, diagnosis and treatment of cancer as early as possible.