

SKCET Buzz



09th to 13th October, 2021



e – Academia Special Issue: 83

Editor-in-Chief

**Dr.J.Janet
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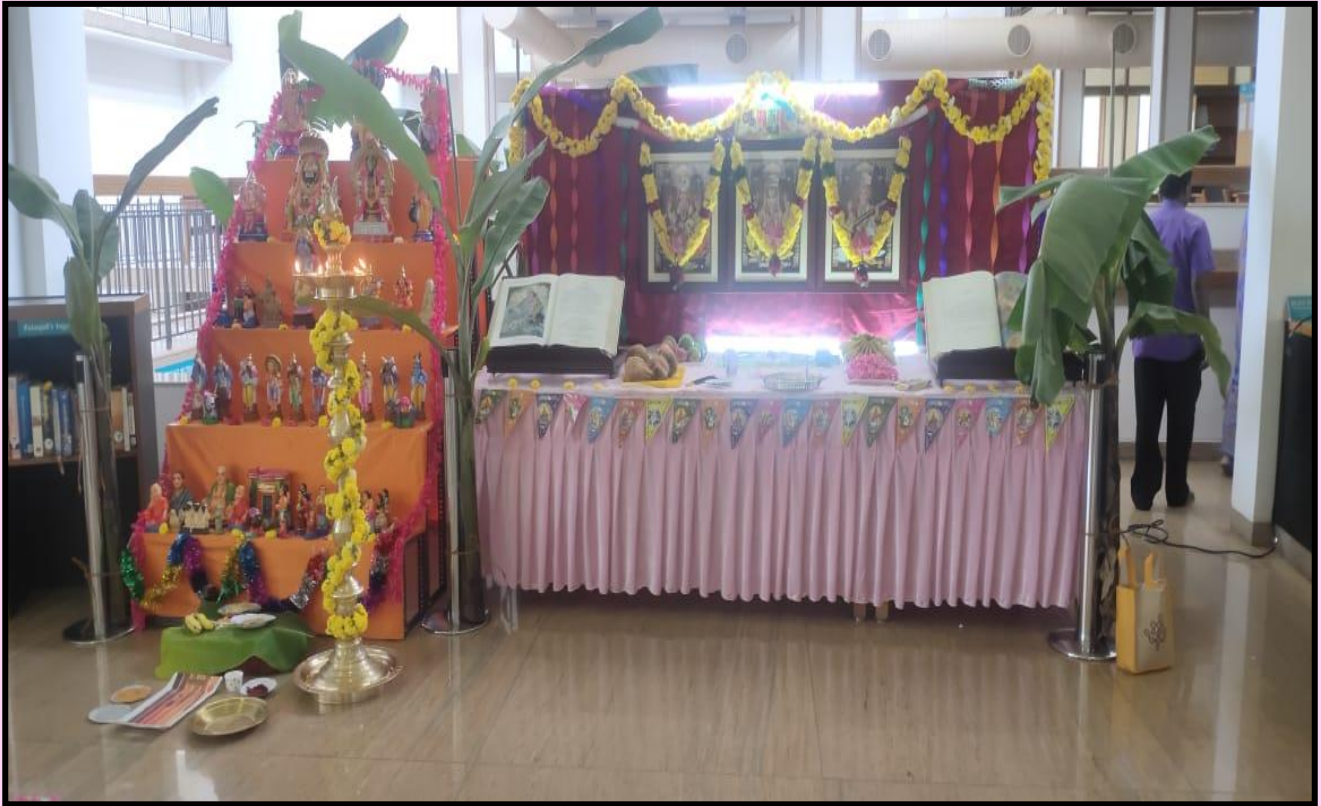
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INSTITUTIONAL EVENTS

SKCET | POOJA CELEBRATION



POOJA CELEBRATION - A GREAT FESTIVE AURA AT SKCET!

Rituals were performed by the Chief Priest at Venkatram Learning Center. The teaching and the non teaching fraternity invoked divine blessings of togetherness. The place was garnered with holistic celebration.

SKCET gladly wishes everyone a rewarding year of prolific work life filled with divine wisdom and fruitful endeavors!!!

SKCET | POOJA CELEBRATION - GLIMPSES



SKCET | POOJA CELEBRATION - GLIMPSES



09th - 13th October, 2021 | Weekly Newsletter

SKCET | AWARENESS SESSION ON SBI LIFE INSURANCE



AN AWARENESS SESSION ON SBI LIFE INSURANCE - EVER EVOLVING LIFE PLANS AT SKCET

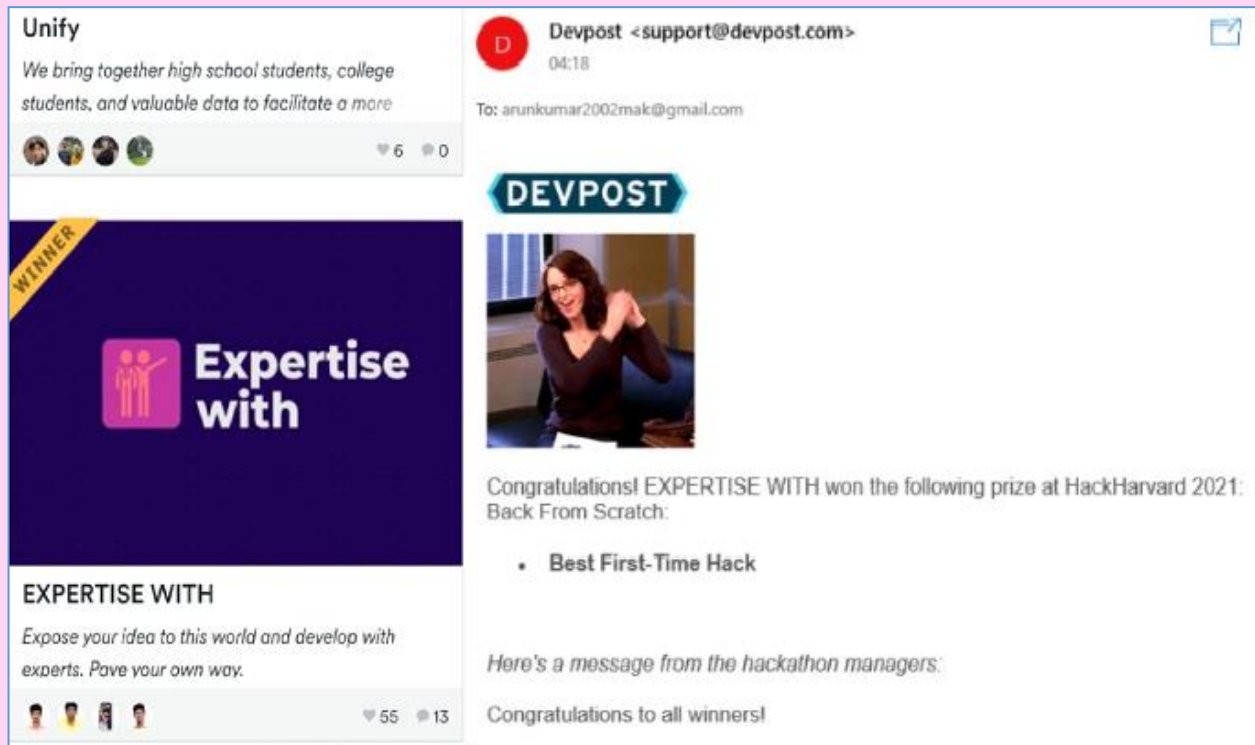
It is the apt time to make **financial planning** when we move ahead in life from one milestone to another. SKCET proudly came in frontline to spread the awareness of SBI Life Insurance - a future ready term insurance plan among the faculty fraternity on 12th October, 2021. Our respected **Principal Madam Dr.J.Janet** welcomed the guest, **Mr.K.Sasikumar, Senior Business Manager, SBI Life Insurance**. He discussed on the new schemes in SBI Life Insurance. He also emphasized more on the importance of life insurance resonating across generations.

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HACKATHON ACCOLADES

CSBS | HACK HARVARD 2021



CYPHER CREW – Student Team from **Second** year **CSBS** has bagged laurel in **Hack Harvard 2021** in the category “**Best First-Time Hackathon**” held during October 8th to 10th, 2021 organized by Harvard University, USA. The team was showered with goodies and swags as a token of appreciation on their endearing participation overseas. The team was mentored by **Dr.S.Balakrishnan**, HoD, CSBS.

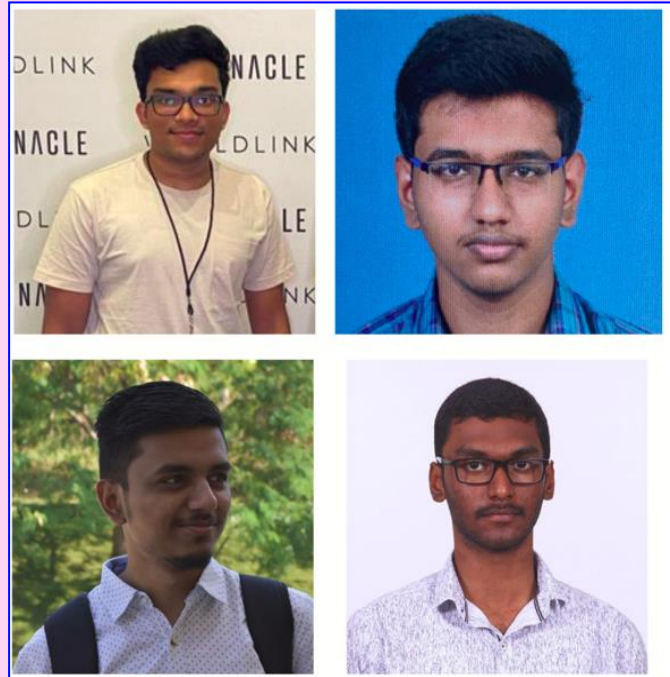
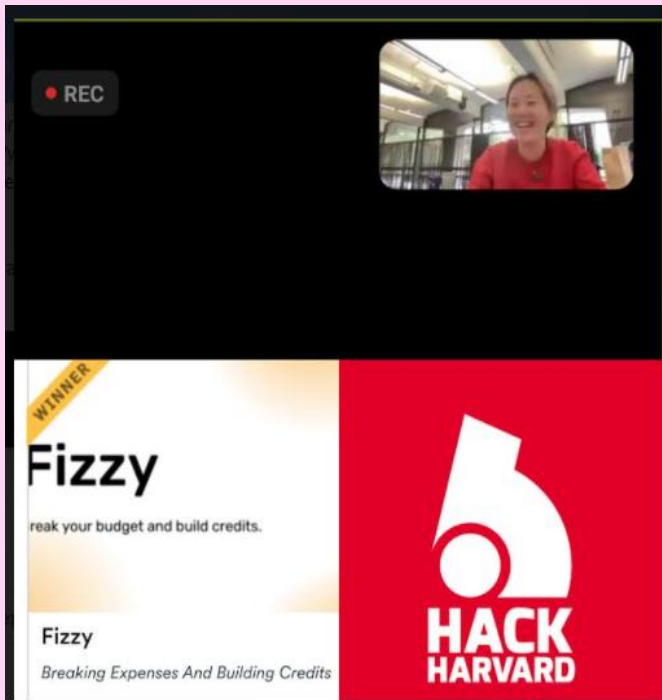
Project Title: Expertise With

Theme: Education

Team Members:

- Ashish Babu Z
- Athidya U
- Karthik Sivanesan M
- Arun Kumar M

CSE & M.TECH CSE | HACK HARVARD 2021



Student team from CSE and M.TECH CSE has won the prize for “**Best Financial Hack**” organized by “**Hack Harvard 2021- Harvard University, USA**” held during 08.10.2021 to 10.10.2021. Each team member has been awarded with “Apple Air Pods worth Rs. 18,000/-, Internship Opportunity from Fizz, USA and 1:1 YC Combinator Application Coaching”.

Project Title: Fizzy

Team Members:

- Bhuvanesh T G (II MTECH CSE)
- Kumaraguru T (III CSE)
- Samuel Wycliffe (III CSE)
- Adithya Menon S (IV CSE)

Mentor:

Ms A.Priya, AP/CSE



STUDENT CERTIFICATIONS

AI&DS | CLOUD MASTER CLASS - DISCOVERY DAY



Following **Second** year students from the Department of **Artificial Intelligence and Data Science** has successfully participated in a Training program entitled “**Cloud Master Class - Discovery Day**” organized by **NASSCOM - Future Skills Prime** on 29.09.2021.

S.No	Roll Number	Name
1	20EUAI014	HARIJAGAN T
2	20EUAI015	INDIRA CHETTY B
3	20EUAI016	JEEVANAND R
4	20EUAI017	JEROME MELITH A
5	20EUAI019	MOHANA PRIYA M
6	20EUAI020	MOULIDHARAN N

CIVIL | COURSERA CERTIFICATIONS



Kathickraja. D, Arundhathi. A and Reshmi. N, Final year students from the Department of Civil Engineering have successfully completed an online course titled “Water Supply and Sanitation Policy in Developing Countries Part 1: Understanding Complex Problems” authorized by University of Manchester and offered through Coursera.

MCT & CSE | CERTIFICATION FOR PARTICIPATION IN AICTE CHHATRA VISHWAKARMA AWARDS 2020



P.R.Ritesh, D.Sanjeevi Kumar, V.Vasanthan, students of Final year MCT and M.Nishit, Final year CSE student have participated in AICTE National level "Chhatra Vishwakarma Awards 2020" in the category "Barriers in Accessing Adequate Health Care Services".

CIVIL | COURSERA CERTIFICATIONS



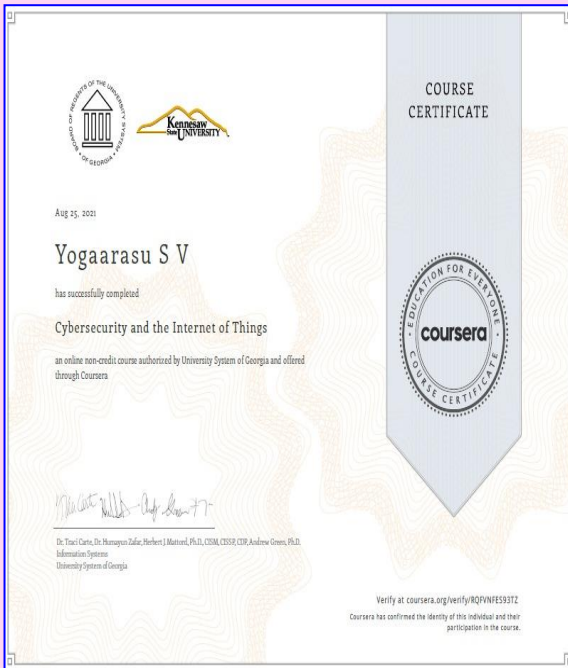
Divya Dharshini V M and Lakshmi R Mohan, students of **Final year Civil Engineering** Department have successfully completed an online certification course on **“Water Supply and Sanitation Policy in Developing Countries Part 1: Understanding Complex Problems”** authorized by University of Manchester and offered through Coursera.

MECH | COURSERA CERTIFICATIONS

Venkadeshwaran R, student of **Final year Mechanical Engineering** has completed a course on **'Developing Innovative Ideas for New Companies: The first step in Entrepreneurship'** authorized by University of Maryland, college park and offered through Coursera.

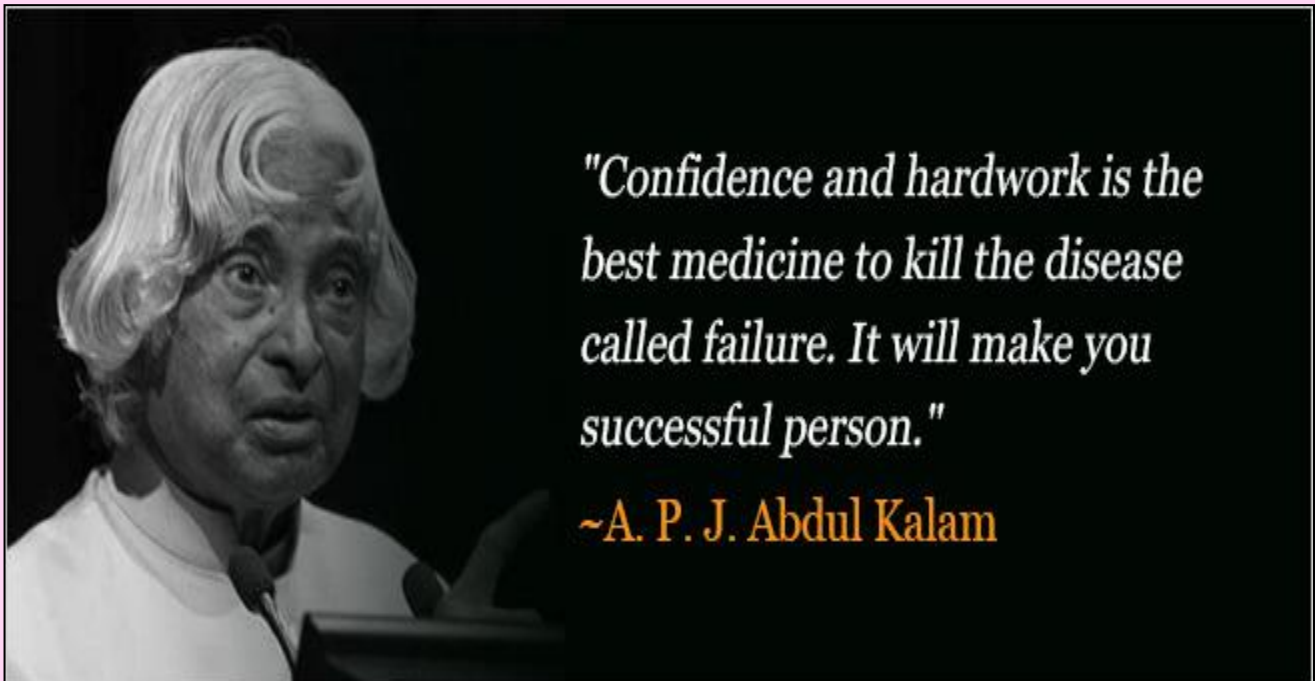


MECH | COURSERA CERTIFICATIONS



Yogaarasu S V, student of **Third year Mechanical Engineering** has completed a course on '**Cybersecurity and Internet of Things**' authorized by University system of Georgia and offered through Coursera.

LEGENDARY INSIGHTS



SKCET



Buzz



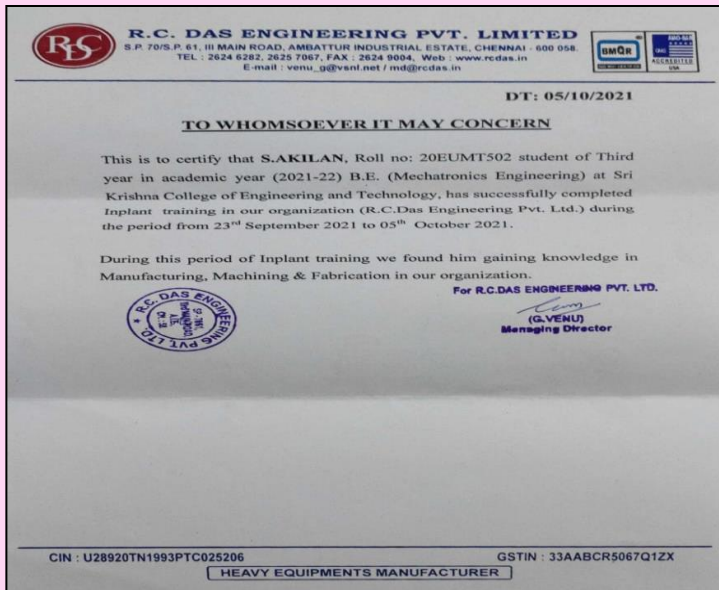
STUDENT PROGRESSION

MCT | INTERNSHIP @ MUKKUDAL ROBOTICS



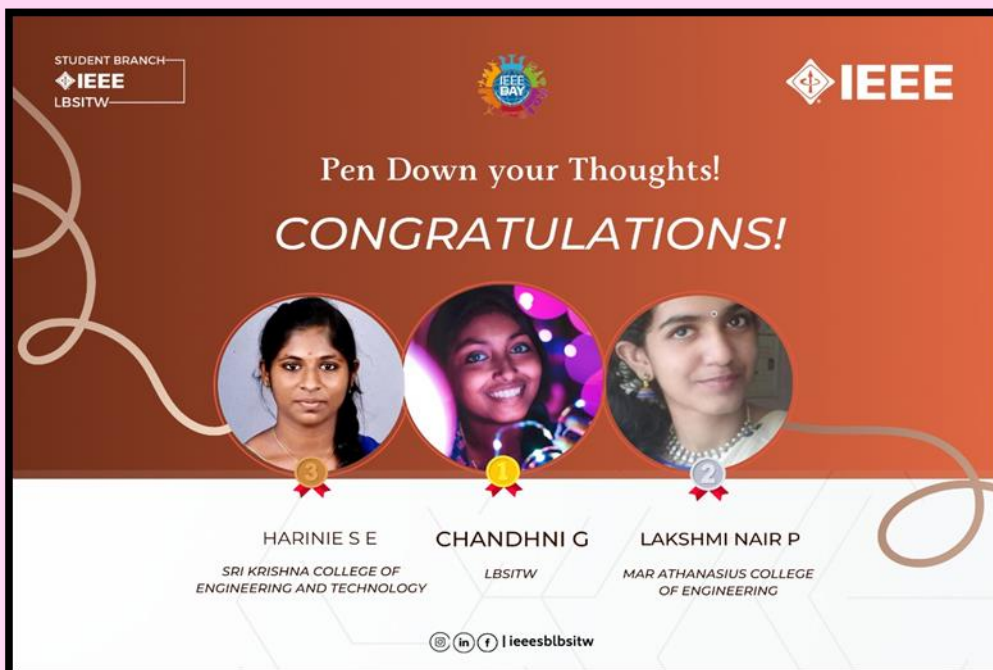
Ajai Robert J, Joel Anton W, Aadhavan P, Ashwin S, students of Final year MCT A have successfully completed internship in Industrial robotics at Mukkudal Robotics Pvt Ltd from 02.08.2021 to 31.08.2021.

MCT | INPLANT TRAINING



S.Akilan, student of **Third year MCT A** has successfully completed his Inplant training in R.C.Das Engineering Pvt Ltd Chennai from 23.09.2021 to 05.10.2021 .

ITI | PEN DOWN YOUR THOUGHTS



Harinie S E, student of **Second year IT A** has secured **Third place** in the "Pen Down your thoughts Caption Writing Contest" organized by IEEE Student Branch of LBS Institute of Technology for Women Poojappura Thiruvananthapuram, Kerala.

MECH | INTERNSHIP @TITAN ENGINEERING AND AUTOMATION LIMITED



Meenu Priya M, student of **Third year Mechanical Engineering** has successfully completed her Internship training at **Titan Engineering and Automation Limited** from **02.08.2021** to **14.08.2021**.

INFOGRAPHICS | DO YOU KNOW?

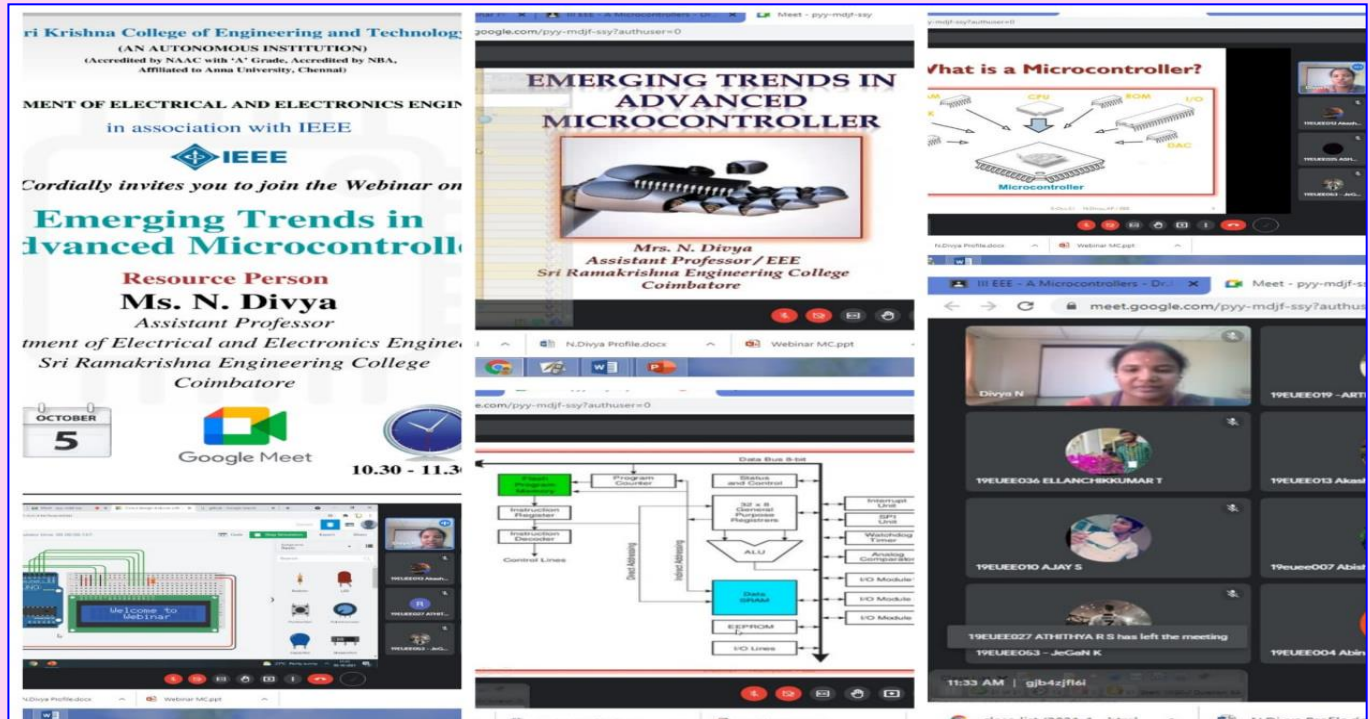


The plural of fish is **fish**. When referring to more than one species, you can use **fishes** as plural



EVENTS

EEE | WEBINAR ON EMERGING TRENDS IN ADVANCED MICROCONTROLLER



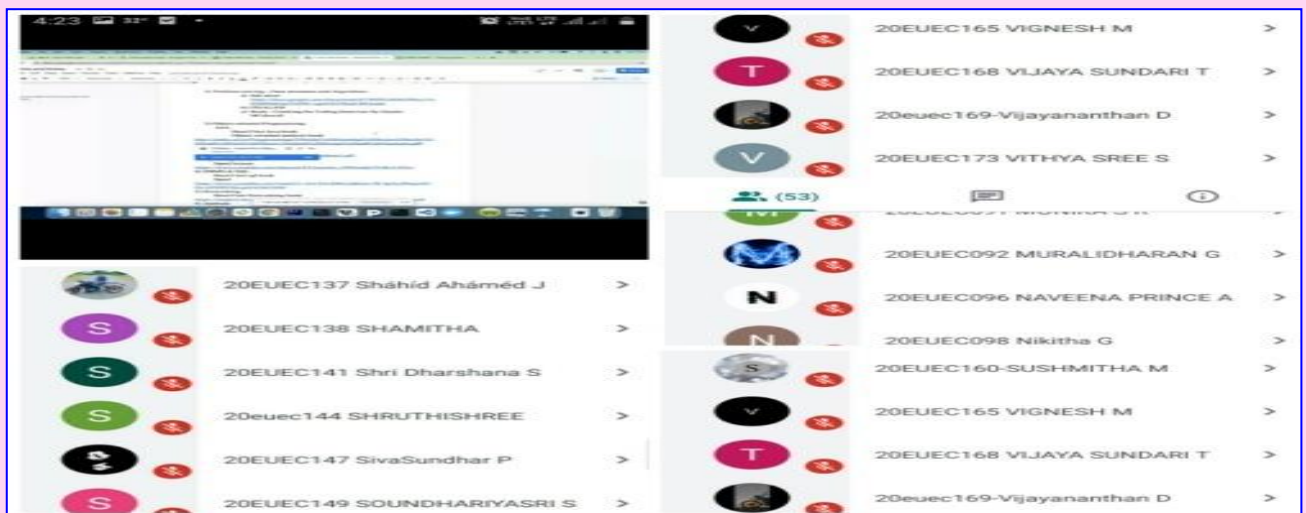
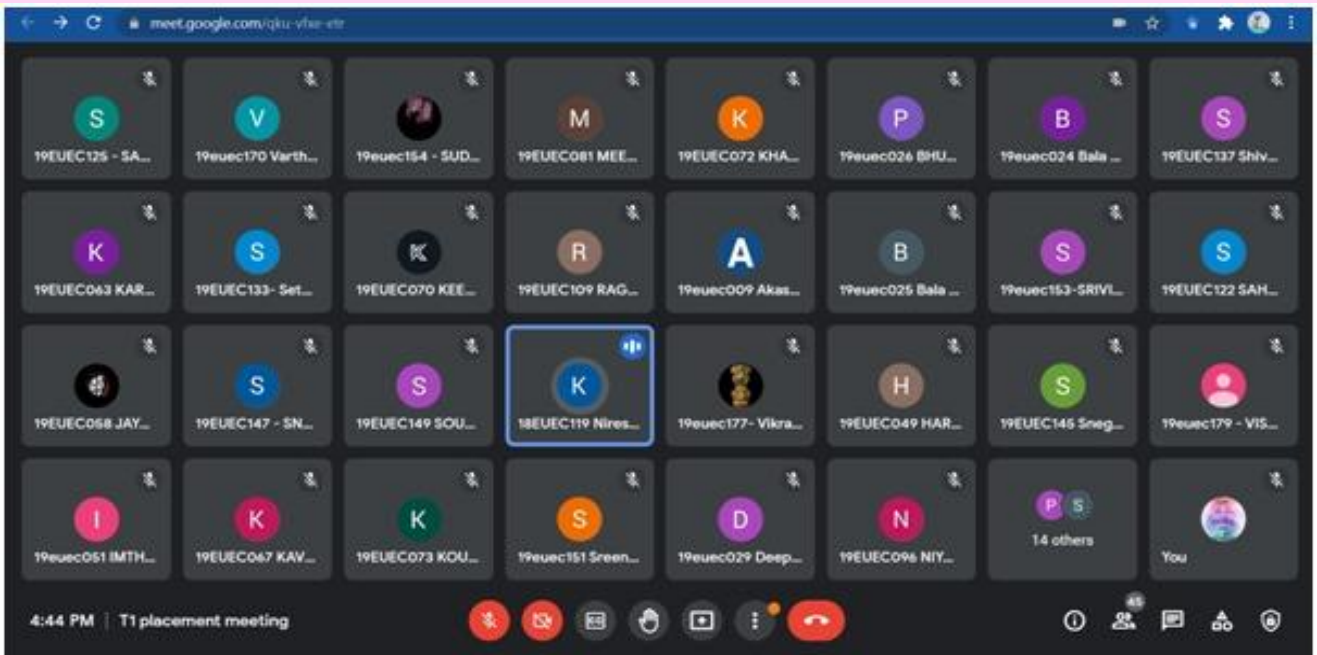
Department of Electrical and Electronics Engineering in association with IEEE organized a webinar on “Emerging Trends in Advanced Microcontroller” for students and faculty members on 05.10.2021.

Resource Person: Ms.N.Divya, Assistant Professor, Sri Ramakrishna Engineering College, Coimbatore.

Session Highlights:

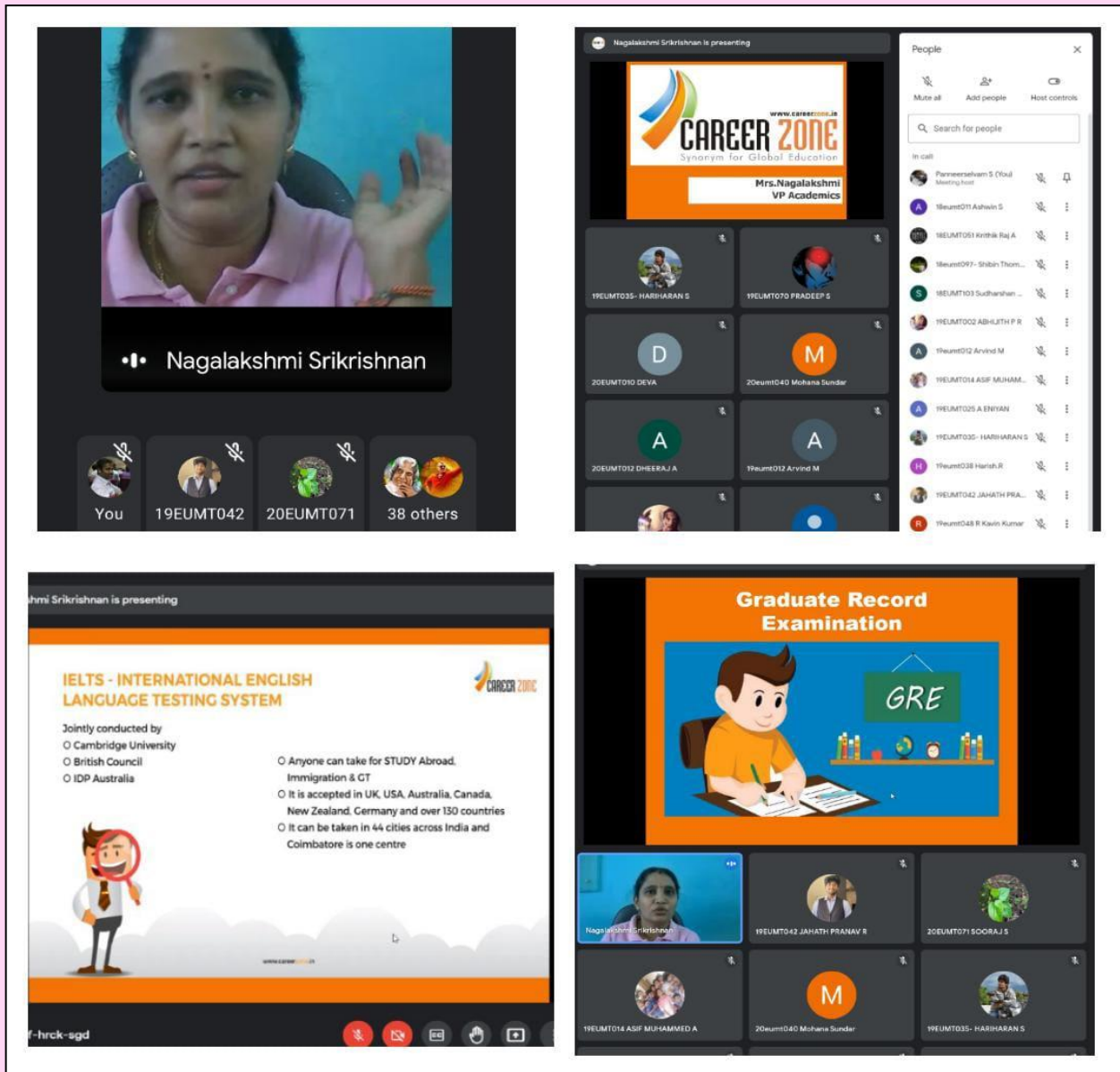
- Emerging Trends and Opportunities
- Design Concepts using Arduino Uno
- Challenges in Embedded System
- Project Development using Tinkercad Tool.

ECE | PLACEMENT PREPAREDNESS SESSION



Department of ECE organized a **Placement Drive Preparedness Session** for the **Second** and **Third** year students on 09.10.2021. **Final** year students of ECE Department who have been placed at various companies addressed the students and shared their experience. Students actively participated and interacted with the seniors and clarified their doubts regarding placement drive.

MCT | WORKSHOP ON GRE & IELTS: TIPS AND TECHNIQUES



Department of MCT organized a workshop on "GRE & IELTS: Tips and Techniques" on 7.10.2021 by Career Zone, Coimbatore. The Expert discussed about the Exam structure, Test Preparation, Difference between GRE, IELTS & Other exams, English proficiency tests. Students interested in pursuing their higher studies participated in the event and cleared their doubts.

AI&DS | WEBINAR ON INNOVATIVE IDEAS ON DIGITAL DATA

Department of AI&DS organized a webinar for the **Second** year students entitled “**Innovative Ideas on Digital Data**” on 08.10.2021 via Google Meet. The Resource person for the webinar was **Ms.Dhivya Krishna**, Writer, Founder, Turning Point, Psychologist and Google’s WTM Ambassador. The pointers of discussion were: Significance of content in Digital market, Types of Writer, Types of Content, Choosing the niche, Freelance writers, Keyword density and Meta title, Search and Research, Target audience , Proof Reading and Digital Branding.

MECH | WEBINAR ON SELF DRIVING CAR CHALLENGE

The screenshot shows a Zoom meeting interface. The main content is a presentation slide titled "BMW-Intel-Mobileye alliance for autonomous car projects". The slide is divided into two sections, each with "Major developments:" and logos of the companies involved.

Section 1 (Left):

- Major developments:
 - Showed off autonomous car concept at CES 2016
 - Plans to deploy self-driving car on the road by 2021
 - Opened second autonomous driving campus in Munich in 2018

Section 2 (Right):

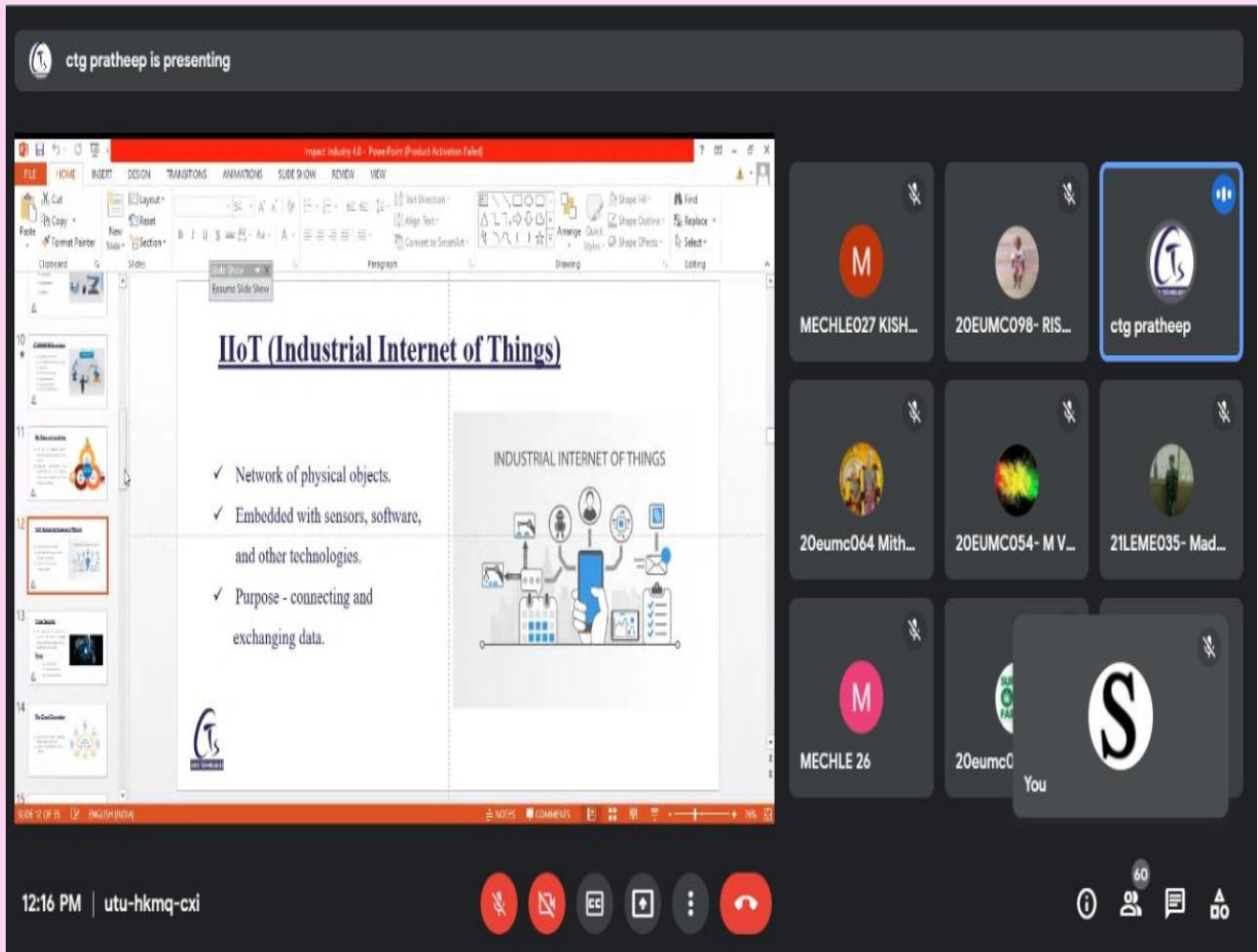
- Major developments:
 - Daimler to invest \$570M in autonomous truck technology and create a dedicated organization for infrastructure R&D
 - Main project involves self-driving truck "platoons" connected through wireless signals
 - Started testing self-driving connected trucks on the road in Oregon in 2017

Logos for DAF, DAIMLER, IVECO, MAN, SCANIA, and VOLVO are displayed.

The Zoom interface includes a top menu bar (File, Edit, Share, View, Audio & Video, Participant, Meeting, Help), a participant list on the right (36 participants), and a bottom control bar (Unmute, Start video, Share, etc.).

Society of Automotive Engineers' SKCET Collegiate club organized webinar on '**Self Driving car challenge**' by **Mr. T. Kasiraja**, Secretary, SAE India Southern Section, Chennai. **Second** and **Third** year **Mechanical Engineering** students participated in the webinar. Technologies and challenges behind self driving cars were the session highlights.

MECH | WEBINAR ON IMPACT OF CAD CAM SOFTWARE IN INDUSTRY 4.0



ctg pratheep is presenting

Impact Industry 4.0 - PowerPoint (Product Activation Failed)

IIoT (Industrial Internet of Things)

- ✓ Network of physical objects.
- ✓ Embedded with sensors, software, and other technologies.
- ✓ Purpose - connecting and exchanging data.

INDUSTRIAL INTERNET OF THINGS

MECHLE027 KISH... 20EUMC098- RIS... ctg pratheep

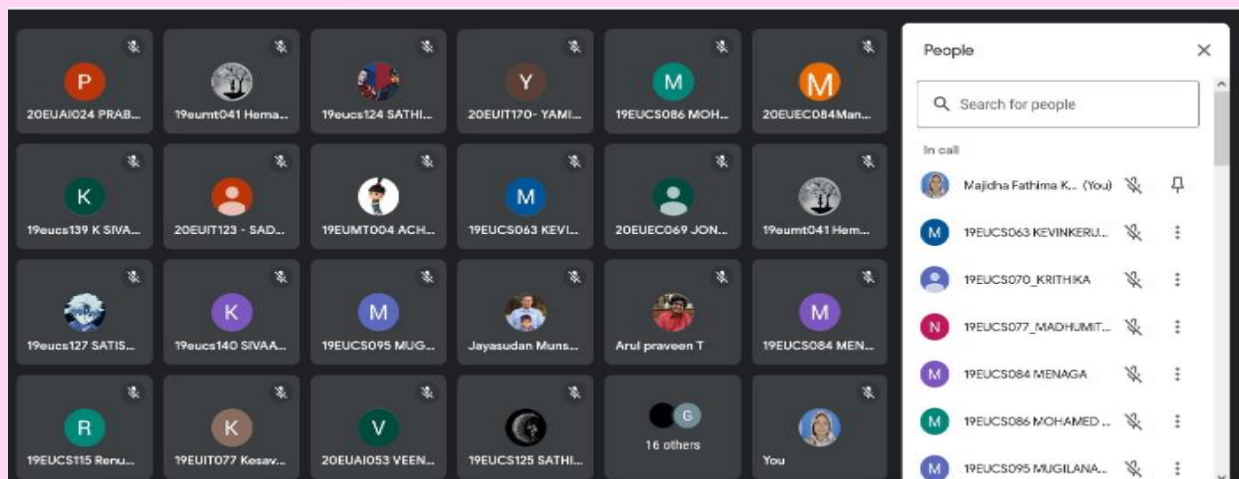
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MECHLE 26 20eumc0 You

12:16 PM | utu-hkmaq-cxi

Department of **Mechanical Engineering** organized a webinar on '**Impact of CAD CAM Software in Industry 4.0**' by officials from CADD Technologies private limited. **Second** and **Third** year Mechanical Engineering students participated in the webinar. The webinar gave an insight about the CAD CAM software used in manufacturing industry and its impact on implementation of Industry 4.0.

CSE | DEEPIVISION TECH HACKATHON- REVIEW



Department of **Computer Science Engineering** organized a review on **“Deep Vision Tech Hackathon-Call for Brilliant Minds to Collaborate”** on 11.10.2021 for CSE & M.Tech students with **Deep Vision Tech.AI Hackathon Teams**, Bangalore. Students actively participated and showcased their demos and presentations. The work was evaluated and suggestions for further improvements were provided.



RESEARCH & DEVELOPMENT

R&D | PAPER PUBLICATION | ECE

ieeexplore.ieee.org/document/9533016

Conferences > 2021 Second International Con...

Arduino Powered Smart Weather Monitoring System

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

N. Nanthini ; Shuhaina A ; Shakthi Sharuni K ; Sneka C ; Sasipriya S [All Authors](#)

2 Full Text Views

[R](#) [Share](#) [CC](#) [Folder](#) [Bell](#)

Abstract

Abstract:
This paper integrates a two-dimensional control system with information acquisition methods, and builds based on the symbols, a database device used to create the given data. The sensors are the primary attributes to create the device for live weather monitoring. A variety of sensors can be used to measure and maintain temperature and humidity. While the output is presented on the LCD screen, the obtained records can be presented inside as virtual output. The entire system also periodically adjusts the weather conditions at the designated location to monitor and manage the area within the given location. In this way, the Temperature and Humidity can be accurately determined and indicated in a particular area, and the final result can be displayed on the LCD display.

Document Sections

- I. Introduction
- II. Related Works
- III. Existing System
- IV. Proposed Work
- V. Result

[Show Full Outline](#)

Authors

Published in: 2021 Second International Conference on Electronics and Sustainable Communication Systems (ICESC)

Date of Conference: 4-6 Aug. 2021 **DOI:** 10.1109/ICESC51422.2021.9533016

Date Added to IEEE Xplore: 23 September 2021 **Publisher:** IEEE

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

ieeexplore.ieee.org/document/9532760

Conferences > 2021 Second International Con...

Preliminary pulse and temperature testing

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

B Maruthi Shankar ; M Vijayaragavan ; J Ashwadha ; S Dhivya Bharathi ; G Jayakrishna Kumar [All Authors](#)

2 Full Text Views

[R](#) [Share](#) [CC](#) [Folder](#) [Bell](#)

Abstract

Abstract:
The COVID-19 virus is currently the deadliest threat to mankind. The signs of the sickness include a change in the body temperature, a decrease in body oxygen levels, and a decrease in heart rate. Because of the pandemic crisis created by COVID-19, it has become essential to examine every individual's health so that it does not influence others in public areas as well as in their personal spaces. The primary goal of our project is to use the cloud to automate the temperature and pulse testing of every individual in public locations and preserve the database for future reference. To assist with the current scenario, we created a system that would automatically measure the individual's temperature using a temperature sensor and pulse using a pulse oximeter sensor without any human intervention. If the measured values are meeting essential threshold levels, the individual's hands are automatically sanitized and then they are allowed to enter inside public places.

Document Sections

- I. Introduction
- II. Literature Review
- III. Proposed System
- IV. Methodology
- V. Results

[Show Full Outline](#)

Authors

Published in: 2021 Second International Conference on Electronics and Sustainable Communication Systems (ICESC)

Date of Conference: 4-6 Aug. 2021 **DOI:** 10.1109/ICESC51422.2021.9532760

Date Added to IEEE Xplore: 23 September 2021 **Publisher:** IEEE

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

R&D | PAPER PUBLICATION | ECE

ieeexplore.ieee.org/document/9532652

Conferences > 2021 Second International Con...

Quarcare - IoT Based Patient Health Monitoring System

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

C Visvesvaran ; B Maruthi Shankar ; S Kaviya ; P Kaviya ; K Monika ; I J John Bharath Kumar [All Authors](#)

1 Full Text Views

Abstract

Document Sections

- I. Introduction
- II. Literature Survey
- III. Methodology
- IV. Result Discussion
- V. Conclusion

Authors

Figures

Abstract:
The purpose of this study is to monitor patient's health using a web application. In an analysis, the data collected from the public hospitals in bigger cities found that many people were facing a issues such as inadequate reach of Healthcare services, shortage of medicare and also unmanageable patient loads. This paper aims to resolve the above discussed problems by providing several features to patients like online consultation with doctors, emergency ping to a doctor, online appointment scheduling, telemedicine, Videocall Consultation along with Online prescription. For this primarily, the patients data are monitored using the Temperature sensor and Heartbeat sensor. The measured data are sent to the secure database which provides an alert if the health parameters exceed the threshold. Theoretical and practical implication of the project are discussed.

Published in: 2021 Second International Conference on Electronics and Sustainable Communication Systems (ICESC)

Date of Conference: 4-6 Aug. 2021

DOI: 10.1109/ICESC51422.2021.9532652

Date Added to IEEE Xplore: 23 September 2021

Publisher: IEEE

ISBN Information: [►](#)

Conference Location: Coimbatore, India

ieeexplore.ieee.org/document/9532709

Conferences > 2021 Second International Con...

Deep Learning Technique for COVID 19 Prediction using CT Scan Images

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

Raghul M ; Sharaj K ; Ragul Sankar S ; Jayanthi Sree S [All Authors](#)

7 Full Text Views

Abstract

Document Sections

- I. Introduction
- II. Literature Review
- III. Existing System
- IV. Proposed System
- V. Methodology

[Show Full Outline](#)

Authors

Figures

References

Keywords

Abstract:
Corona Disease Virus (COVID-19) is a rapidly spreading contagious viral disease that causes respiratory contaminations and is currently generating a worldwide medical crisis. It has caused a massive influence on people's lives, general well-being, and the global economy. Henceforth, it is critical to straightaway analyze the positive cases in order to keep the illness from spreading further and to regard infected patients as fast as could really be expected. Both patients and specialists will be benefitted by the early recognizable capability of outrageous COVID-19 by utilizing chest CT to examine biomedical images. RT-PCR (switch record polymerase chain response) based tests help to identify COVID-19, which has numerous limits. In this work, different CNN based Classifier model methodologies are utilized to follow the presence of COVID-19 from chest CT filter images of patients. In true indicative situations, a profound CNN-based methodology could be amazingly valuable in accomplishing quick COVID-19 testing. By utilizing irregularity data obtained from sifted images, image expansion enhances the number of profitable models for creating the CNN model. The proposed model has a grouping exactness of 95% for CT examines utilizing this strategy. With picture expansion, CT check pictures have an affectability of 94.78% and a particularity of 95.98%. The trial results were contrasted with ResNet-18, ResNet-50, and VGG-16 models, with freely available datasets containing CT images.

Published in: 2021 Second International Conference on Electronics and Sustainable Communication Systems (ICESC)

Date of Conference: 4-6 Aug. 2021

DOI: 10.1109/ICESC51422.2021.9532709

Date Added to IEEE Xplore: 23 September 2021

Publisher: IEEE

ISBN Information: [►](#)

Conference Location: Coimbatore, India

Following faculty members and students from the Department of ECE have presented and published papers in **2021 Second International Conference on Electronics and Sustainable Communication Systems (ICESC)**. It is a Scopus Indexed IEEE Conference.

Name of the Authors	Title of the Paper
N. Nanthini; Shuhaina A; Shakthi Sharuni K; Sneka C; Sasipriya S	Arduino Powered Smart Weather Monitoring System
B Maruthi Shankar; M Vijayaragavan; J Ashwadha; S Dhivya Bharathi; G Jayakrishna Kumar	Preliminary pulse and temperature testing
C Visvesvaran; B Maruthi Shankar; S Kaviya; P Kaviya; K Monika; I J John Bharath Kumar	Quarcare - IoT Based Patient Health Monitoring System
Raghul M; Sharaj K; Ragul Sankar S; Jayanthi Sree S	Deep Learning Technique for COVID 19 Prediction using CT Scan Images

R&D | JOURNAL PUBLICATION | EEE

ENERGY SOURCES, PART A: RECOVERY, UTILIZATION, AND ENVIRONMENTAL EFFECTS
<https://doi.org/10.1080/15637096.2021.1984614>



Check for updates

Solar photovoltaic based dynamic voltage restorer with DC-DC boost converter for mitigating power quality issues in single phase grid

Suresh Kalichikadu Paramasivam^a, Senthil Kumar Ramu^a, Senthilkumar Mani^a, Suresh Muthusamy^b, Suma Christal Mary Sundararajan^c, Hitesh Panchal^d, and Kishor kumar Sadasivuni^e

^aDepartment of Electrical and Electronics Engineering, Sri Krishna College of Technology (Autonomous), Coimbatore, India; ^bDepartment of Electrical and Electronics Engineering, Sri Krishna College of Engineering and Technology (Autonomous), Coimbatore, India; ^cDepartment of Electronics and Communication Engineering, Kongu Engineering College (Autonomous), Erode, India; ^dDepartment of Information Technology, Panimalar Institute of Technology, Chennai, India; ^eDepartment of Mechanical Engineering, Government Engineering College, Patan, India; ^fCentre for Advanced Materials, Qatar University, Qatar

ABSTRACT

A new topology of photovoltaic (PV) based transformerless dynamic voltage restorer (TDVR) with high gain DC-DC boost converter is proposed to mitigate voltage sag and swell, interruptions, and unbalanced outages in single-phase grid. The proposed PV-DVR high DC-DC boost converter is comprised of one MOSFET switch and three inductors with second order generalized integrator (SOGI) based unit vector template (UVT) control to enhance the effectiveness of the system for grid-connected renewable applications. The high voltage (HV) gain is achieved by this proposed converter through its soft-switching ability and coupled inductor arrangement with continuous conduction mode (CCM). In the proposed high gain DC-DC converter, the MOSFET IRRP250 power switch is preferably used for low voltage stress and also minimum on-state resistance. The mathematical analysis of the proposed converter is also discussed in this paper. The proposed converter is interfaced with an SOGI-PLL controller with input voltage (24 V), output voltage (220 V), and power rating as 250 W with less number of both passive and active switches. Moreover, to validate the performance and advantage of the proposed converter, the system was simulated by using MATLAB-SIMULINK and laboratory 250 W prototype results are presented to show the effectiveness of the design to limit the voltage sag – 0.1 pu and swell – 1.9 pu and also THD% level within in ceiling limit prescribed in IEEE STD at the load side.

ARTICLE HISTORY

Received 10 August 2021
Revised 15 September 2021
Accepted 16 September 2021

KEYWORDS

Dynamic voltage restorer; high gain DC-DC converter; inverter; photovoltaic systems; PI controller; SOGI controller and unit vector technique

1. Introduction

Dynamic voltage restorer (DVR) plays an important role in mitigating voltage disturbances in the single-phase network. The continuous fluctuations in the voltage also controlled by the energy-efficient photovoltaic (PV)-based DVR with proportional control novel boost converter for grid systems (Bajaj 2020). Generally, more number of non-linear loads have been utilized in both residential and industrial sectors like personal computers, uninterrupted power supplies (UPS), variable speed drives, power electronic-based devices, thyristor controlled rectifiers, and other household electronic communication devices. These entire devices that operate

CONTACT Hitesh Panchal mgmneeth@2000@gmail.com; Suresh Kalichikadu Paramasivam spuresheee@gmail.com
Department of Mechanical Engineering, Government Engineering College, Patan, Gujarat, India
© 2021 Taylor & Francis Group, LLC

Dr. M. Senthilkumar, Associate Professor, EEE Department has published a paper entitled “Solar Photovoltaic Based Dynamic Voltage Restorer with DC-DC Boost Converter For Mitigating Power Quality Issues in Single Phase Grid” in Energy Sources, Part A: Recovery, Utilization, and Environmental Effects – Taylor & Francis. It is a Web of Science indexed journal with Impact Factor of 3.44.

R&D | BOOK PUBLICATION | MCT

Dr. V. Narasimharaj, Associate Professor, MCT, has authored a book chapter entitled “A Novel Approach to Determine the Natural Resting Orientation of Brake Lever” in the Book “Industrial automation and Innovation” (Sep 2021) (Lambert Academic Publishing, ISBN -13: 978-620-4-20237-2).



SKCET Buzz



PLACEMENT & TRAINING

PLACEMENT | TESTIMONIAL BY PLACED STUDENTS

SKCET has competent and capable faculty members who are proactively involved in providing the very best to their students. Thanks to the entire faculty members for their guidance, boost, motivation, and support. SKCET has helped the students before and during the placement season by providing training for Aptitude, Communication, and Technical aspects to make sure that they are ready for the placements. The training helped me to gain confidence for the placement. The placement cell is always ready to address any query. It's a great start for me as a fresher to work in a reputed company like LTI. I had an amazing four years of experience at this campus, and I will always miss this place.



**ABISHEK JS,
EEE (2021 BATCH),
LTI.**

PLACEMENT | TESTIMONIAL BY PLACED STUDENTS



**PREETHI D,
EEE (2021 BATCH),
Aspire Systems.**

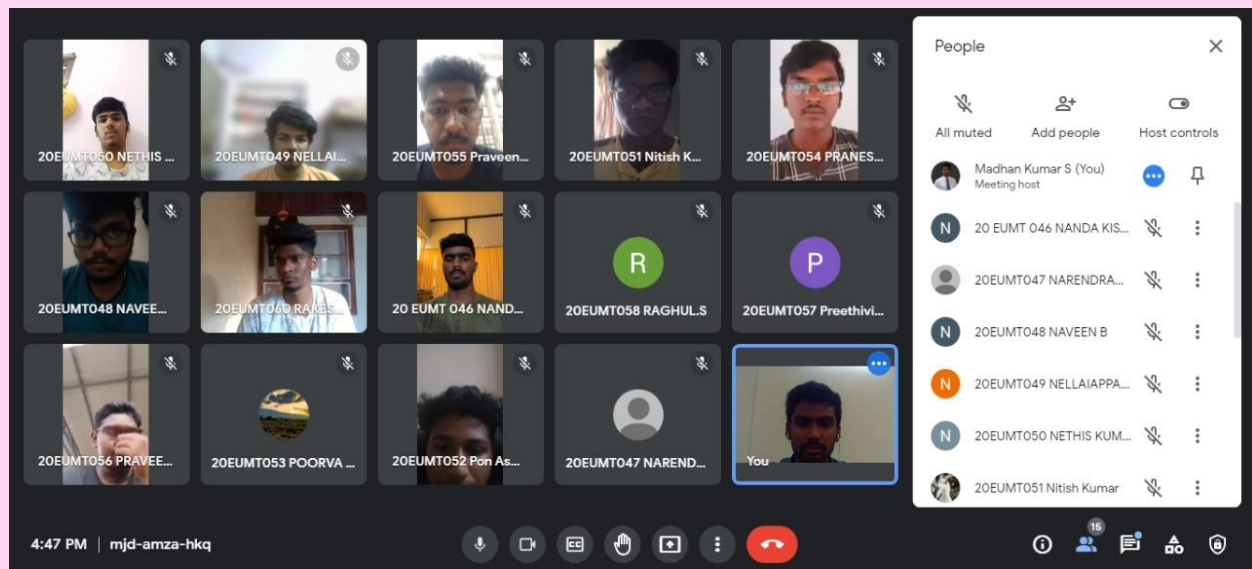
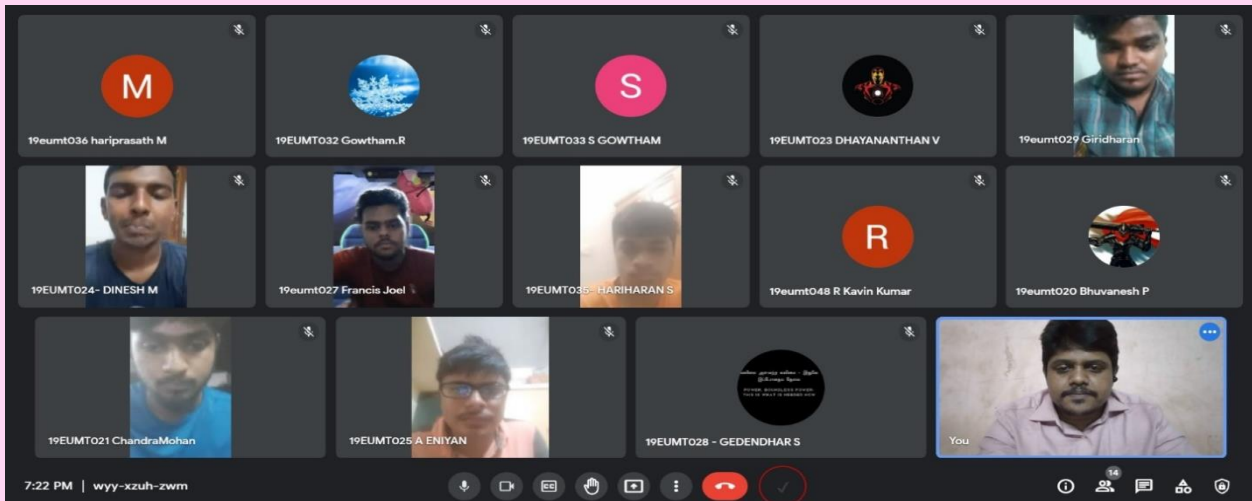
It gives me great pleasure to say with pride that I have completed my under graduate degree from Sri Krishna College of Engineering and Technology. It has helped me to develop a positive attitude towards my studies and discover more about myself. The relationship between faculty and student is very cordial, which gave me an opportunity to excel in my studies. The four years spent here were splendid and has helped me to grow better professionally & personally. I would like to thank all the faculty members and placement team for making me a "Better Person".

PLACEMENT | ASPIRE COE STUDENTS TEAM ACTIVITY



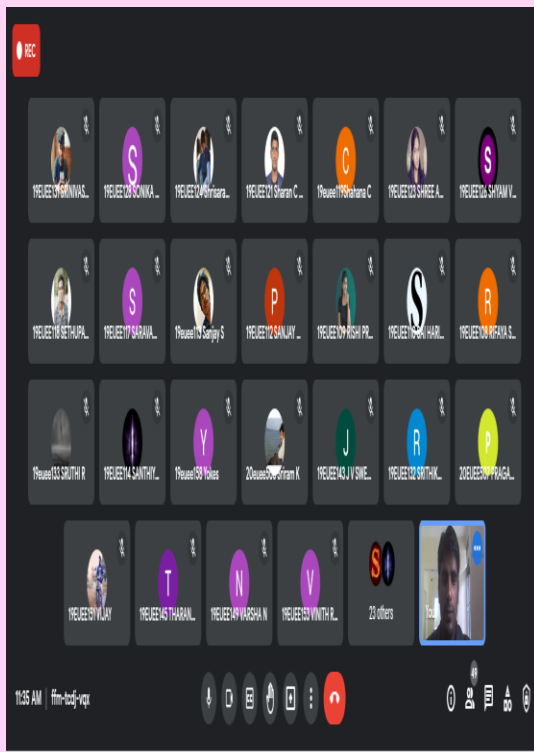
SKCET- Aspire System CoE training was organized on 12th October, 2021. **Mr.Antony**, Talent Nurturing Team, Aspire Systems, Chennai interacted with the Aspirians of our college. **51** students of **SKCET** have been placed in **Aspire** with **4.5 LPA**.

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



Tutor Ward Meeting was conducted by the faculty members of MCT Department for the **Second, Third and Final** year students on 08.10.2021 and 09.10.2021 via Google Meet. The pointers of discussion were: Offline End Semester Exam Schedule, Hostel and Transport facility arrangement, Preparedness for CIA3, Feedback for the courses, online class attendance and Participation in extracurricular activities.

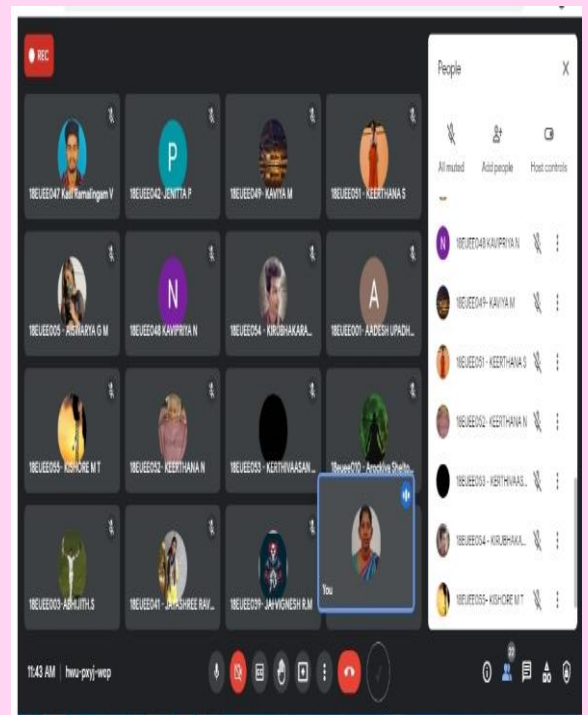
EEE | TUTOR WARD MEETING | III YEAR



Dr. Ramji Tiwari, Assistant Professor, EEE and **Ms. N. Subha Lakshmi**, Assistant Professor, EEE have conducted Tutor Ward Meeting for **Third year EEE C** section students. The Pointers of discussion were: End Semester Examination, Model Continuous Assessment test, Laboratory examination, Attendance, Lab Record Submission and Internal components.

EEE | TUTOR WARD MEETING | IV YEAR

Mr. R. Kavin, Assistant Professor, EEE and **Ms. T. Malini**, Assistant Professor, EEE conducted Tutor Ward Meeting for the **Final year EEE A** students. The Pointers of discussion were: Virtual Classes, Placement Test and Drive, Project Confirmation and End Semester Examination.





FACULTY CERTIFICATIONS

MCT | COURSERA CERTIFICATION



Madhankumar S, Assistant Professor, MCT, has successfully completed a course on **Additive Technologies in Metallurgy & Mechanical Engineering**, authorized by Polytech University and offered through Coursera.

EEE | FDP ON SEMICONDUCTOR DEVICE, MICRO WAVE & RENEWABLE ENERGY

Ms.D.Gunapriya, Assistant Professor, EEE Department has participated in Five days Faculty Development Programme (FDP) on **“Semiconductor Device, Micro wave & Renewable Energy”** organized by the Department of Electronics & Communication Engineering, Asansol Engineering College, Asansol from 21.09.21 to 25.09.21.



MCT | NPTEL CERTIFICATION

Elite
NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
NATRAJ NA
for successfully completing the course
Entrepreneurship and IP strategy
with a consolidated score of **73** %

Online Assignments	23.33/25	Proctored Exam	49.5/75
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Total number of candidates certified in this course: 794

Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Jul-Sep 2021
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL21HS102513310390 To validate and check scores: <https://npTEL.ac.in/noc>

Elite
NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
INDIRAPRIYADHARSHINI J
for successfully completing the course
Entrepreneurship and IP strategy
with a consolidated score of **73** %

Online Assignments	21.67/25	Proctored Exam	51/75
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Total number of candidates certified in this course: 794

Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Jul-Sep 2021
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL21HS102523314274 To validate and check scores: <https://npTEL.ac.in/noc>

Elite
NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
K ANANTHI
for successfully completing the course
Entrepreneurship and IP strategy
with a consolidated score of **65** %

Online Assignments	18.33/25	Proctored Exam	46.5/75
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Total number of candidates certified in this course: 794

Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Jul-Sep 2021
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL21HS102523314219 To validate and check scores: <https://npTEL.ac.in/noc>

Elite
NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
S KANNAKI
for successfully completing the course
Entrepreneurship and IP strategy
with a consolidated score of **78** %

Online Assignments	23.75/25	Proctored Exam	54/75
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Total number of candidates certified in this course: 794

Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Jul-Sep 2021
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL21HS102523314329 To validate and check scores: <https://npTEL.ac.in/noc>

Dr.N.A.Natraj, Mrs.Indirapriyadharshini.J, Mrs. S.Kannaki, and Mrs.K.Ananthi, faculty members of MCT Department have successfully completed Eight Weeks NPTEL Course on “Entrepreneurship and IP strategy” with Elite Certification conducted during the month of July and September 2021.

MCT | CHHATRA VISHWAKARMA AWARDS 2020



Mrs.K.Ananthi, Assistant Professor, MCT has participated in the AICTE National level "Chhatra Vishwakarma Awards 2020" in the category "Barriers in Accessing Adequate Health Care Services".

TIPS FOR SELF IMPROVEMENT

32 TIPS FOR SELF IMPROVEMENT

SELF IMPROVEMENT

1. START NOW
2. FOCUS
3. BE A MENTOR
4. BE ACCOUNTABLE
5. BE INTENTIONAL
6. LOVE THYSELF
7. KEEP PROMISE
8. SEEK SUPPORT
9. DISCONNECT
10. EMBRACE CHALLENGE

GOAL SETTING

22. DEFINE YOUR GOALS
23. CLARIFY PRIORITIES
24. SET DEADLINES
25. SWOT ANALYSIS

SELF LOVE

11. BALANCED DIET
12. SLEEP WELL
13. EXERCISE
14. MEDITATE
15. HYDRATE
16. GET CHECKED

SELF CONFIDENCE

17. THANK YOURSELF
18. FORGIVE YOURSELF
19. FOCUS ON WHAT YOU CAN CHANGE
20. POSITIVE ENERGY
21. USE AFFIRMATIONS

TIME MANAGEMENT

26. PLAN AHEAD
27. DON'T PROCRASTINATE
28. PRIORITIZE
29. SAY NO
30. ELIMINATE DISTRACTIONS
31. DELEGATE
32. TIME TRACK



SKCET
Buzz



CONFERENCE PRESENTATION

AI&DS | CONFERENCE PRESENTATION



Dr.A.Sajeew Ram, Associate Professor, Department of **Artificial Intelligence and Data Science**, has presented a paper entitled **“Prediction of Autism Spectrum Disorder in Children using Face Recognition”** at the 2nd International Conference on Smart Electronics and Communication (ICOSSEC 2021) organized by Kongunadu College of Engineering and Technology, Trichy, India held from 7th to 9th October 2021.

CSE | CONFERENCE PRESENTATION

Dr.P.Mohan Kumar, Professor, CSE has participated in an online conference on **“Dev Meet: Run and Debug code on local while connected to AKS”** at Tech World Congress on 08.10.2021.



MCT | CONFERENCE PRESENTATION



Dr.M.Lydia, Professor & Head, MCT has presented a paper entitled **“A Comprehensive Overview on Impact of Trust Models in Internet of Things”**, in the 2nd International Conference on Smart Electronics and Communication (ICOSSEC 2021) during 7th and 9th October 2021 organized by Kongunadu College of Engineering and Technology, Trichy.

MCT | CONFERENCE PRESENTATION

Mrs.S.Kannaki, Assistant Professor, MCT has presented a paper entitled, **“Design and Fabrication of Automated Cloth Pulling Machine for Shed Work”**, in the International Conference on Smart Technologies, Communication, and Robotics 2021 (IEEE-STCR-2021) during 9th and 10th October 2021 organized by the Department of ECE,EIE & EEE, Bannari Amman Institute of Technology, Sathyamangalam.



MCT | CONFERENCE PRESENTATION



Mr.S.Panneerselvam, Assistant Professor, MCT has presented a paper entitled, **“Performance Comparison of Domestic Refrigeration System with Latent Heat Storage Materials”**, in the International Conference on Smart Technologies, Communication, and Robotics 2021 (IEEE-STCR-2021) during 9th and 10th October 2021 organized by Department of ECE, EIE& EEE, Bannari Amman Institute of Technology, Sathyamangalam.

IT | CONFERENCE PRESENTATION

Dr.G.Edwin Prem Kumar, Professor, Department of **Information Technology**, has presented a paper on the topic **“A Comprehensive Overview on Impact of Trust Models in Internet of Things”** in the 2nd International Conference on Smart Electronics and Communication(ICOSEC 2021) organized by Kongunadu College of Engineering and Technology, Trichy from 7th to 9th October 2021.



MCT | CONFERENCE PRESENTATION



Mr.T.Vignesh Assistant Professor, MCT has presented a paper entitled, **“Technology in Design Aspect of BIN Bot Robot”**, in the International Conference on Smart Technologies, Communication, and Robotics 2021 (IEEE-STCR-2021) during 9th and 10th October 2021 organized by the Department of ECE, EIE & EEE, Bannari Amman Institute of Technology, Sathyamangalam.

PHRASE OF THE WEEK

Get behind

Meaning: To support,
to help.



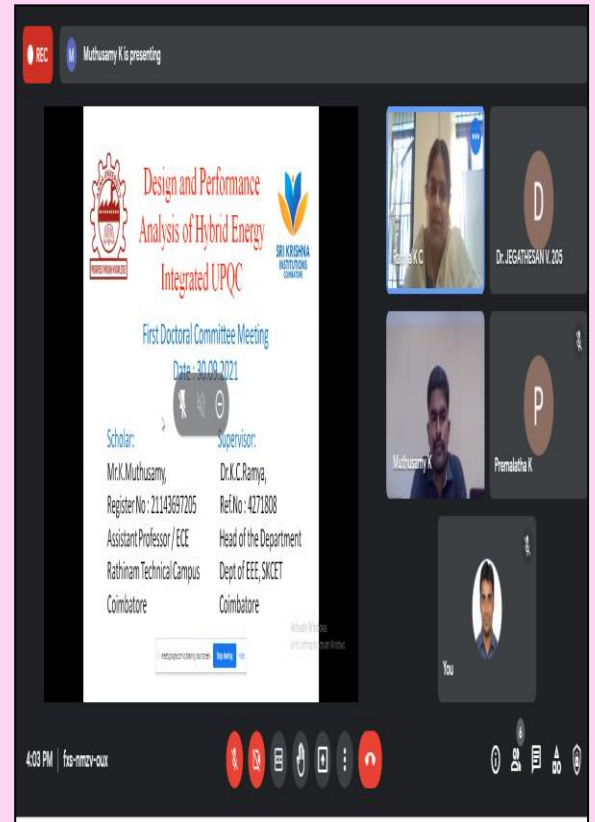
SKCET
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FACULTY PROGRESSION

EEE | DOCTORAL COMMITTEE MEETING

Dr.K.C.Ramya, HoD, Department of EEE convened First Doctoral Committee Meeting for her scholar Mr.K.Muthusamy, on “Design and Performance Analysis of Hybrid Energy Integrated UPQC” via online on 30.09.2021 in the presence of Dr.K.Premalatha, Associate Professor, Department of EEE, Kumaraguru College of Technology, Coimbatore and Dr.V.Jegathesan, Associate Professor, Department of EEE, Karunya Institute of Technology and Science, Coimbatore.



HEALTHOGRAPHICS | TIPS FOR HEALTHY EYES



