SPECIAL ISSUE - 15

31 AUGUST - 04 SEPTEMBER 2020

SKCT

# DIGEST



#### **EDITOR - IN - CHIEF**

Dr Srinivasan Alavandar, Principal

#### **EDITORIAL TEAM**

Ms S Soundarya, CSE Ms S Thenmozhi, ECE Ms B Pavithra, S&H



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### SKCT ACHIEVEMENT | RECOGNITION CERTICIFICATE FROM MGNCRE, GOVERNMENT OF INDIA



#### Certificate



This is to certify that Sri Krishna College Of Technology, Coimbatore, Tamilnadu is now a Recognized Social Entrepreneurship, Swachhta & Rural Engagement Cell (SES REC) Institution. The Institution has successfully framed the SES REC Action Plan and constituted ten working groups for improving facilities in the Campus and the Community/Adopted Villages in the areas of Sanitation & Hygiene, Waste Management, Water Management, Energy Conservation and Greenery post COVID-19, along with the observation of three environment, entrepreneurship and community engagement related days to inculcate in faculty, students and community, the practices of Mentoring, Social Responsibility, Swachhta and Care for Environment and Resources.

Date of Issue: 29/08/2020

Dr. W G Prasanna Kumar Chairman



Mahatma Gandhi National Council of Rural Education Department of Higher Education, Ministry of Education Government of India

Certificate No.: MoE/SES REC/TN/COI/194

Sri Krishna College of Technology has been certified as a "Recognized Social Entrepreneurship, Swachhta and Rural Engagement Cell Institution" by Mahatma Gandhi National Council of Rural Education (MGNCRE), Dept of HE, MoE, Government of India for the successful action plan and working group formation towards improving facilities in the areas of Sanitation and Hygiene, Waste Management, Water Management, Energy Conservation and Greenery.







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### SoM | STUDENT'S ACHIEVEMENT | ONE OF THE TOP 5 WINNERS OF FALLING LABS INDIA 2020





Ms Kavya Ganesan
II MBA

Ms Kavya Ganesan, Student of Second MBA, selected as one of the top 5 winners of "Falling Labs India 2020" organised by DADD (Deutsher Akademinscher Austauschdienst German Academic Exchange Service) and IIT Kanpur. She will be mentored by Germany – Fraunfoher RWTH Aachen University and Technical University of Dortmund.

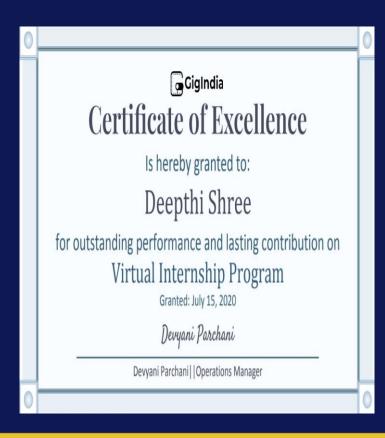


### ECE | STUDENTS CERTIFICATION ON FRENCH LANGUAGE



Ms K Shubha, Student of Second B.E. ECE C Section, attended a sixweek online training on "French Language" offered by Internshala Trainings.

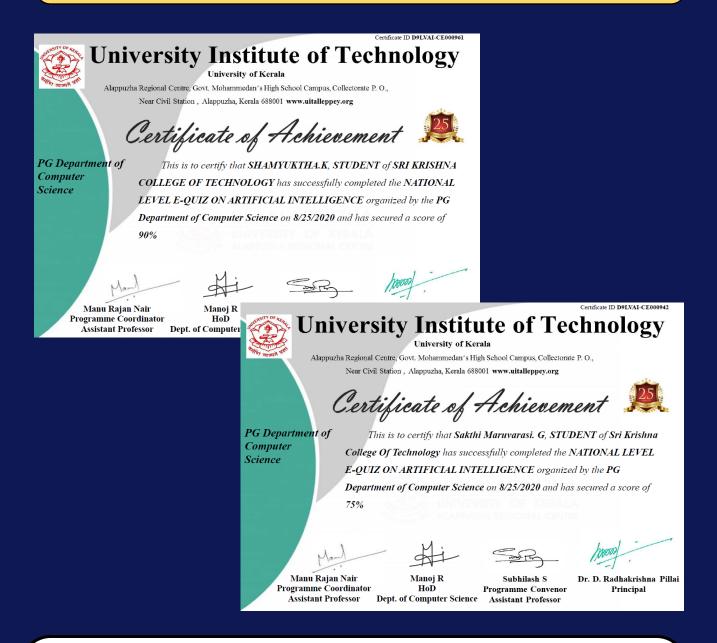
#### **CSE | STUDENT'S ACHEIVEMENTS**



Deepthi Ms Shree. Student of Third B.E. CSE Section. has been awarded with the Certificate of Excellence for her outstanding performance and lasting contribution on "Virtual Intership Program" from GigIndia.



### IT | STUDENT PARTICIPATION | E-QUIZ ON ARTIFICIAL INTELLIGENCE



Ms Shamyuktha K and Ms Sakthi Maruvarasi, Students of Second B.Tech. IT B Section, participated in a National level e-quiz on "Artificial Intelligence" organised by University Institute of Technology, Kerala on 25 August 2020.



### CSE | STUDENTS' ACHEIVEMENT | SHORTLISTED FOR FINAL ROUND

Students from the Dept. of CSE has been shortlisted for the final round in "Innovate for Assam - An Online Hackathon by Assam Police" in collaboration with Ernst and Young LLP as the knowledge Partner.

FLIPR 293 followers
7h • ®

Here are the results of Mobile Application Development task of Flipr Hackathon 5.0 held from 14th August 2020 to 16th August 2020... see more



### **FLIPR HACKATHON 5.0**

**RESULTS** 



#### **MOBILE APPLICATION**

- Yogesh Markandey National Institute Of Technology , Raipur
- Rishi Kumar V Sri Krishna College of Technology

#### **Team 1-CSE**

Title: User friendly App for Women

Safety

#### **Team Members:**

Mithun Raj. S

Raj Kumar

Naveen. K

Naveen Prasad, S

Mentor: Prof. P. Tamije Selvy,

**CSE Team 2-CSE** 

Tile: Inventory Management

Team Member: K. Dheena Kalish

Mentor: Ms. G. Sandhya, AP/CSE

**Team 3-CSE** 

Title: Fake/Obscene news/Content

tracking

#### **Team Members:**

R. Nivethitha

T. Meenatchi Soundari

S. Lakshana

K. Magisha

Mentor: Ms. P. Kalpana, AP/CSE

**Team 4-CSE** 

Title: Smart Solution for Women

safety

#### **Team Members:**

M. Jeyavarshaa

S. A. Farhiena

S. Rahul Balaji

S. Prithiv

**Mentor:** Ms. P. Kalpana, AP/CSE



### CSE | STUDENT'S ACHEIVEMENT | INTERSHIP OFFER



#### HACK THE MOUNTAINS

Mr. Vishnu Varthan

Date:- 27th August, 2020

We are excited to have you an important member in the success of this Hackathon

Subject: Offer letter for the position of "MENTOR" in Hack the Mountains

Thank you for the keen interest you have shown in our Organization.

On behalf of **HacktheMountains** I am pleased to confirm that after careful consideration, we have decided to appoint you as a **MENTOR** in our Hackathon. We are looking forward to your support.

Your Roles and Responsibilities:

- You will be responsible for dedicating 2-hour time during the hackathon week(5oct 11oct)
- 2) You will be also responsible for providing technical assistance to our hackers on discord

3) And of course the work you love to do i.e. Mentoring the projects.

Avinash Koshal Organiser Hack The Mountains

Place:- Jammu



Mr Vishnu Varthan, Student of Third B.E. CSE C Section, got an Internship Offer in Hack the Mountains as a "**Mentor**" on 27 August 2020.



#### **CSE | STUDENT'S CERTIFICATION ON COURSERA**



Mr Vigneshwar Sivakumar, Student of Final B.E. CSE C Section, completed online non-credit courses on "The Bits and Bytes of Computer Networking" and "Version Control with Git" authorised by Google and Atlassian and offered through Coursera.







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# CIVIL | FACULTY ACHIEVEMENTS | TECHNICAL REVIEW COMMITTEE MEMBER FOR INTERNATIONAL CONFERENCE (FIC-SISTEEM-2020)





Dr V Sreevidya, Assoc. Professor, Dept. of Civil Engineering, facilitated as a "Technical Review Committee Member" for International Conference (FIC-SISTEEM-2020) organised by Bannari Amman Institute of Technology, Sathyamangalam during 3-4 September 2020.



### MECH | FACULTY ACHIEVEMENT | BEST E-PAPER AWARD @ INTERNATIONAL CONFERENCE -ICRDEPM



Mr P Sivaraman, Mr M K Prabhu and Mr T Nithyanandhan, Asst. Professors, and Mr G Murali Krishna, Mr S Prasanna Kumar, Mr G Nagarajan and Mr B Mukesh, Students of Third B.E. Mechanical Engineering, won the "Best Paper Award" for the paper titled "Foundry Flow Studies Based on Water Gating System" in an International conference ICRDEPM – 2020, organised by IIRM, AP on 30 August 2020.



### IT | FACULTY CERTIFICATION | FUNDAMENTALS OF DEEP LEARNING FOR COMPUTER VISION

Ms P Alaguvathana, Asst.

Professor, Dept. of IT,
completed a course on
"Fundamentals of
Deep Learning for
Computer Vision"
organised by Deep
Learning Institute on 03
September 2020.



ECE | FACULTY
CERTIFICATION ON
A REFRESHER
COURSE IN IT



Dr R Vadivelu, Assoc.

Professor, Dept. of ECE,
completed a course on "A

Refresher Course in IT" with
Grade A offered by GRABS

Educational Charitable Trust
and TamilNadu Association of
Intellectuals and Faculty
during 23-27 August 2020.



### EEE | FACULTY ACHIEVEMENT | GUEST LECTURE ON INDUSTRIAL IOT





Dr P Santhosh, Asst. Professor, Dept. of EEE, delivered the Guest Lecture on "Industrial IoT" organised by PROTO Bytes, Coimbatore on 31 August 2020.



## EEE | FACULTY ACHIEVEMENT | GUEST LECTURE ON RENEWABLE ENERGY SOURCES INTEGRATION WITH POWER ELECTRONICS



Dr S Saravanan, Asst. Professor, Dept. of EEE, delivered the Guest Lecture on "Renewable Energy Sources Integration with Power Electronics" organised by the Dept. of EEE, New Horizon College of Engineering, Marathalli on 02 September 2020.



# IT | FACULTY CERTIFICATION | ANDROID, PYTHON PROJECT AND ENGINEERING MAINTAINABLE ANDROID APPS



Dr D Jeyabharathi, Asst.
Professor, Dept. of IT, completed
online courses on "Android",
"Python Project" and
"Engineering Maintainable
Android Apps" offered through
Coursera on 01 September
2020.

### IT | FACULTY CERTIFICATION | INDUSTRIAL IOT ON GOOLGE CLOUD PLATFORM

Mr Sureshkumar, Asst. Professor, Dept. of IT. completed an online course on "Industrial IoT on Goolge **Cloud Platform**" authorised by Google Cloud offered and through Coursera 01 on September 2020.





# IT | FACULTY CERTIFICATION | ANDROID, PYTHON PROJECT AND ENGINEERING MAINTAINABLE ANDROID APPS



5 Courses



Python Functions, Files, and Dictionaries

Data Collection and Processing with Python

Python Classes and Inheritance

Python Project: pillow, tesseract, and opency



09/02/2020

#### leyabharathi D

has successfully completed the online, non-credit Specialization

### Python 3 Programming

This specialization teaches the fundamentals of programming in Python 3. We will begin at the beginning, with variables, conditionals, and loops, and get to some intermediate material like keyword parameters, list comprehensions, lambda expressions, and class inheritance. You will have lots of opportunities to practice. You will also learn ways to reason about program execution, so that it is no longer mysterious and you are able to debug programs when they don't work. By the end of the specialization, you'll be writing programs that query Internet APIs for data and extract useful information from them. And you'll be able to learn to use new modules and APIs on your own by reading the documentation. That will give you a great launch toward being an independent Python programmer.

Stephan Oney Paul Resulte Steve Oney Poul Resulte

Gmp26h

Steve Oney Assistant Professor School of Information

Collegiate Professor School of Information

Michael D. Cohen

Jaclyn Cohen Lecturer School of Information

Christopher Brooks Research Assistant Professor

School of Information

The online specialization named in this certificate may draw on material from courses (sught on-comput, but the included courses are not equivalent to on-comput courses. Participation in this office specialization does not conflictly enrichment of this university. This certificate closs not confer a University grade, course creat or degree, and indoes not visibly the identity of the university of the order.

Verify this certificate at: coursera.org/verify/specialization/MGU4PAF88BX3

Dr D Jeyabharathi, Asst. Professor, Dept. of IT, completed online courses on **"Python"** offered through Coursera on 02 September 2020.



### MECH | BEST PAPER AWARD AT INTERNATIONAL CONFERENCE - ICAAMM - 2020



Dr S Sundararaj, Professor, and Mr John George, Mr S Aadhishwaran, and Mr Pr Sivaraman, Students of Final B.E. Mechanical Engineering, won the "Best Paper Award" for the paper titled "Thermodynamic Analysis on Cascade Vapour Compression Refrigeration System with Au-CNT, Ag-CNT and HAuCl4-CNT Composite Nanoparticles" in the ICAAMM - 2020 organised by MLR Institute of Technology, AP during 24-25 July 2020.



#### CSE | CERTIFICATION ON ROBOTIC PROCESS AUTOMATION: RPA FUNDAMENTALS + BUILD A ROBOT



Ms S Padmavathi, Asst.
Professor, Dept. of CSE,
completed 2.5 total hours
of "Robotic Process
Automation: RPA
Fundamentals + Build a
Robot" offered by Udemy
on 27 August 2020.

#### **CSE | STTP ON COGNITIVE COMPUTING**



Nivedhitha. Ms G Asst. Professor, Dept. of CSE. attended a six-day online "Cognitive **STTP** on Computing" organised by R.M.K College of Engineering Technology, Chennai and during 17-22 August 2020.



### CSE | CERTIFICATION ON MACHINE LEARNING FOUNDATIONS: A CASE STUDY APPROACH



Ms G Sandhya, Asst. Professor,
Dept. of CSE, completed an
online non-credit course on
"Machine Learning
Foundations: A Case Study
Approach" authorised by the
University of Washington and
offered through Coursera on
30 August 2020.

### CSE | CERTIFICATION ON MACHINE LEARNING CLASSIFICATIONS



Ms G Sandhya, Asst. Professor, Dept. of CSE, completed an online non-credit course on "Machine Learning **Classifications**" authorised by the University of Washington offered and through Coursera 01 on September 2020.



### CSE | CERTIFICATION ON INTRODUCTION TO DATA ANALYTICS



Ms A Sunitha Nnadhini,
Asst. Professor, Dept. of
CSE, completed a training
programme on
"Introduction to Data
Analytics" offered by
Simplificarn on 28 August
2020.

#### **CSE | CERTIFICATION ON POSITIVE PSYCHOLOGY**



Ms G Sandhya, Asst. Professor, Dept. of CSE, completed an online noncredit course on "Positive Psychology" authorised by the University of North Carolina at Chapel Hill and offered through Coursera on 30 August 2020.







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# ECE | PAPER PUBLICATION | DESIGN AND IMPLEMENTATION OF A SMART GARBAGE MONITORING SYSTEM (GMS) USING INTERNET OF THINGS (IoT)



Ms M Jaishree, Asst. Professor, Dept. of ECE, published a paper titled "Design and Implementation of a Smart Garbage Monitoring System (GMS) using Internet of Things (IoT)" in a Scopus indexed, UGC approved Journal of Xidian University, Volume 14, Issue 8, 2020.



#### **CSE | FACULTY PUBLICATIONS**

Journal of Xidian University

https://doi.org/10.37896/jau14.8/114

ISSN No 1001-2400

#### Design and Implementation of a Smart Garbage Monitoring System (GMS) using Internet of Things (IOT)

Dr.P. Tamije Selvy, M. Anitha, M. Jaishree

Minister— First and foremost objective of this paper is to develop a smart and efficient wastebia trolley with auto follower path. As hazardeen waste disrupts the environment it is assuntial to collect the waste completely. If use it affects the surfer sovienament and can affect the health of individuals, in order to collect the waste assumantic disposal system is essential. This paper describes the implementation and advantage of automatic garbage mentioning system. In this work design of microcontroller haved smart duelits in follower path is proposed which mentions the level of garbage. When trolley-bit is filled by any kind of industrial or other hazardeas wastes, then Arduino Une will detect the garbage. This system is cost effective and time saving and flustly it results in an improved convicuousne.

Index Terms— Auto follower path, Ardnine, Hazardous wasts, Microcontroller, Smart Dusthin

#### t. INTRODUCTION

WASTE management is defined as the activities and actions needed to manage waste from its origin to its final disposal. This includes assortment, transportation, treatment and disposal of waste abount observance and regulation. Waste assortment ways vary wide am completely different countries and regions. Domestic waste assortment services are usually provided by government authorities [1]. If this waste carnot be recycled, then it will cause harmfulness for person additionally. The thought of sensible ashbin is for the sensible building, colleges, and hospitals however there is a tendency to focus the look of hins especially for industries [1]. Chemical wastage assortment and their disposal is extraordinarily troubleso for a person as a result of terribly risky in nature and harmful for the person. Humans are not able to work continuously throughout this case. In this project, once bin exceed their level and weighted limit then truck mechanically take the bin towards it use space can empty the bin, then trumcar aging come back to its initial position for next cycle.

#### II. LITERATURE REVIEW

Dhakad et al described "Smart Home Automation using 107" [2]. He proposed an loT system to detect temperature and hurndity using PCB, Ardains controller and Sensor to sense hurndity. Time is set to test temperature and hurndity. Prakeab et al [3] proposed loT based wate management for smart cities. In this research work level of garbage will be detected and each dusbrins are provided with Identification.

number. Threshold level is set determine whether the dustbin is full or not. The required details can be accessed via Internet and immediate steps can be taken to clean it.

Kanchuna et al [4] used ZigBee , ARM7 and GSM to form the integrated system to muniter seaste bins. Indication of whether garbage is full or not will be given to the sensor using ARM7 controller. Message will be sent through SMS using GSM method.

Nehu et al [5] gave a detailed account on various garbage collections and monitoring system in smart cities using fo'T technology. This paper also elaborates the advantage of using "Smart Garbage Bis!" which alarms the authorized person.

#### HIL INTERNET OF THINGS

This Internet of Things in short terms can be known as IoT which is coined from combining two words namely Internet and Things. IoT finds its applications in various fields.

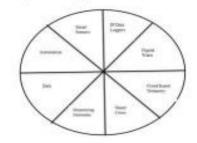


Fig. 1. Various IoT applications include automation, data, monitoring nerworks, smart cities, Cloud based telemetry, digital source, data loggers and various smart source.

Fig.1 describes various applications of IoT. Using this advanced technology the concept of "smart cities" can be maintained. Smart city includes the concept of cleanliness of cities. Cleanliness can be maintained by cleaning the hazardous waste from industries and garbage collected from homes [63].

VOLUME 14, 18SUE 8, 2020

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http://xadekjdx.cn/

Dr P Tamije Selvy, Professor, Dept. of CSE, published a paper on "Design and Implementation of a Smart Garbage Monitoring System (GMS) using Internet of Things (IoT)" in a Journal of Xidian University, Volume 14, Issue 8, 2020.







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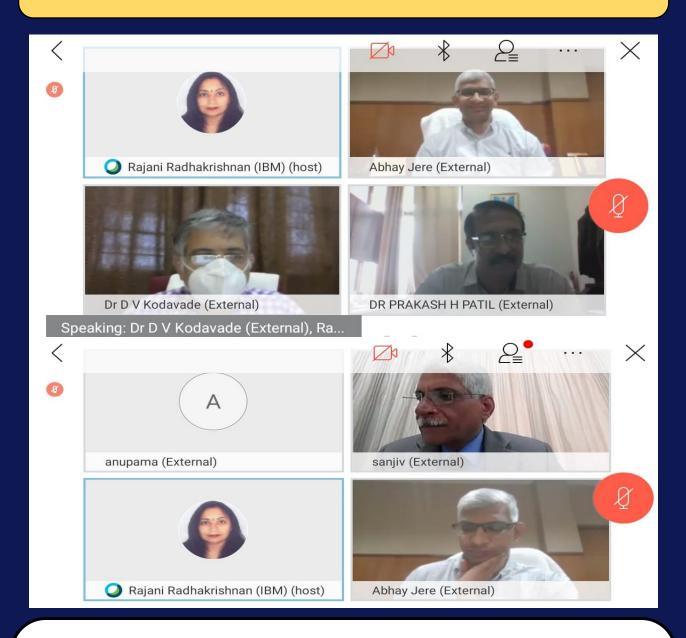
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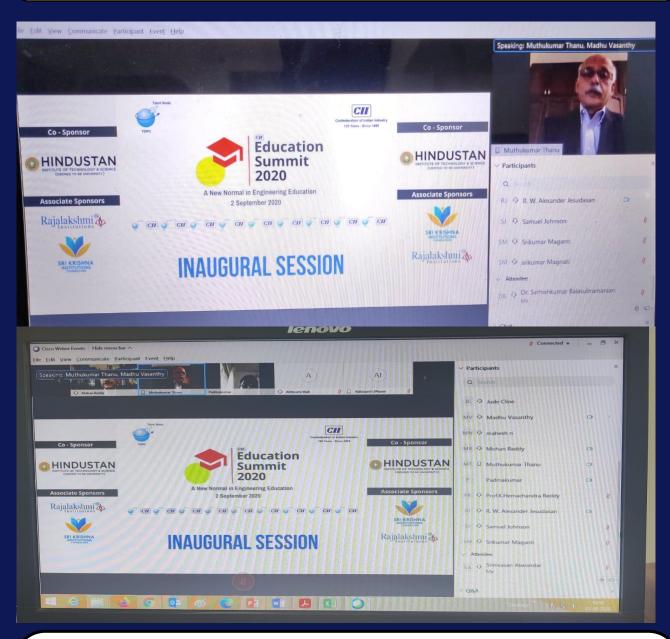
### PRINCIPAL SKCT | NATIONAL WEBINAR | ROLE OF TECHNOLOGY IN EDUCATION



Dr Srinivasan Alavandar, Principal, Dr P Prathap, Professor and Head, Dept. of Mechanical Engineering and Dr K Lakshmi, Professor and Head, Dept. of EEE, attended a National webinar on "Role of Technology in Education, Skilling & Innovation" organised by IBM Innovation Centre for Education (ICE) on 04 September 2020.



### PRINCIPAL SKCT | EDUCATION SUMMIT 2020 - INAUGURAL SESSION



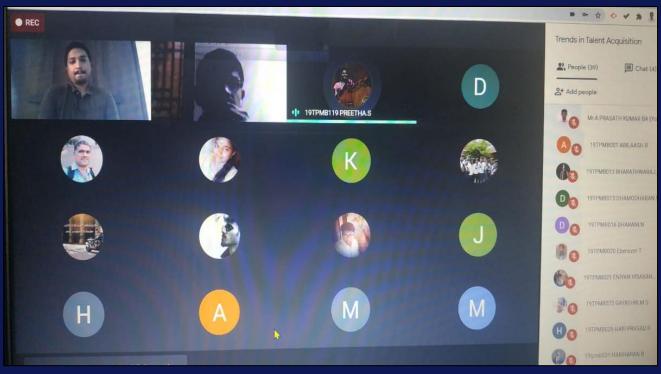
Dr Srinivasan Alavandar, Principal, Dr A Manju, Professor and Head, Dept. of ICE and Dr K Lakshmi, Professor and Head, Dept. of EEE, attended the "Education Summit 2020 - A New Normal in Engineering Education" organised by Confederation of Indian Industry on 02 September 2020.



### Som | WEBINAR ORGANISED ON TRENDS IN TALENT ACQUISITION



School of Management organised a webinar on "Trends in Talent Acquisition" facilitated by Mr Akshay Sunil, Manager – Product and Brand, MediTimes Pvt. Ltd. on 22 August 2020.





### Som | WEBINAR ORGANISED ON EMERGING TRENDS IN DISTRIBUTION MANAGEMENT

School of Management webinar organised a on "Emerging Trends in **Distribution** Management", facilitated Mr Narendra by Khandelwal, Former AGM, L'oreal Pvt. Ltd. 29 on August 2020.







# MECH | WEBINAR ON A NATIONAL WEBINAR ON METHODS OF ASSESSING RESEARCH, INNOVATIONS & EXTENSION IN NAAC ACCREDITATION





Dr P Sakthivel, Assoc. Professor, Dept. of Mechanical Engineering, attended a National webinar on "Methods of Assessing Research, Innovations & Extension in NAAC Accreditation" organised by The American College, Madurai on 28 August 2020.



### MECH | WEBINAR ON EMERGING TRENDS AND OPPORTUNITIES IN HVAC

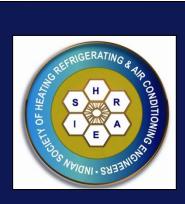












Mr M A Ramanathan, Mr K Nesamani, Mr S Pradeepkumar, Mr K Ramkumar and Mr G Murali Krishna, Students of Third B.E. Mechanical Engineering, attended a webinar on "Emerging Trends and Opportunities in HVAC" organised by ISHRAE on 22 August 2020.



# MECH | WEBINAR ON IMPLICATIONS IN INDUSTRY 4.0 WITH RECRUITMENT TRENDS AND ASSOCIATED SKILLS



Mr S Pradeepkumar, Student of Third B.E. Mechanical Engineering, attended a webinar on "Implications in Industry 4.0 with Recruitment Trends and Associated Skills" organised by SRTI, Mysuru on 28 August 2020.

# ECE | WEBINAR ON BUILDING A SUCCESSFUL RESEARCH CAREER IN ACADEMIA



Mr S Ganesh Prabhu, Asst. Professor, Dept. of ECE. attended a webinar on "Building Successful a Research Career in **Academia**" organised by Sri College Eshwar of Engineering, Coimbatore on 27 August 2020.



# ECE | WEBINAR ON ANTENNA SYSTEMS FOR SATELLITE, AIRCRAFT AND GROUND COMMUNICATIONS





Mr Santhakumar and Ms Dhivya Priya E L, Asst. Professors, Dept. of ECE, attended a webinar **"Antenna** Systems for on Satellite, Aircraft and Ground **Communications**" organised by **SB-Chapter IEEE-MTTs** in association with IEEE-SB on 23 August 2020.

### ECE | WEBINAR ON RESEARCH CHALLENGES AND APPLICATIONS IN DATA SCIENCE

Ms N Vijayalakshmi, Asst. Professor, Dept. of ECE, attended a webinar on "Research Challenges and Applications in Data Science" organised by Hindusthan College of Engineering and Technology, Coimbatore during 24-28 August 2020.





#### **CIVIL | WEBINAR ON TYPESET SOFTWARE**

Mr Ramesh. Asst. Professor, Dept. of Engineering, attended "Typeset webinar on Software for **Effective** Paper Writing" organised Limited on by ACC August 2020.



### CIVIL | WEBINAR ON COMMON ERRORS IN CONSTRUCTION



Mr R Ramesh, Asst.

Professor, Dept. of Civil

Engineering, attended a

webinar on "Common

Errors in Construction"

organised by ACC

Limited on 30 August

2020.



# MECH | WEBINAR ON METHODS OF ACCESSING RESEARCH, INNOVATIONS AND EXTENSION IN NAAC ACCREDITATION



# THE AMERICAN COLLEGE, MADURAI

an Autonomous Institution affiliated to Madurai Kamaraj University Re-accredited ( $2^{nd}$  cycle) by NAAC with Grade "A" CGPA - 3.46 on a 4 point scale

### **Certificate of Appreciation**

Dr. Santhosh S Associate Professor in Mechanical Engineering Sri Krishna College of Technology

has actively participated in the National Webinar on Methods of

Accessing Research, Innovations & Extension in NAAC

Accreditation organized by NAAC Criterion III, The American College (Autonomous), Madurai.

C. Melhorf-

Dr. C. Muthuraja

Convener

Dr. M.Davamani Christober

Principal & Secretary

Dr S Santhosh, Assoc. Professor, Dept. of Mechanical Engineering, attended a National webinar on "Methods of Accessing Research, Innovations and Extension in NAAC Accreditation" organised by NAAC Criterion III, The American College, Madurai on 29 August 2020.



# ECE | WEBINAR ON MIMO ANTENNAS: DESIGN, ANALYSIS AND EXTENSION TO CHANNEL MODELLING



Mr G Santhakumar, Asst. Professor, Dept. of ECE, attended a webinar on "MIMO **Antennas:** Design, Analysis and Extension to **Channel Modelling**" organised by IEEE Microwave Theory and Techniques Society, IIT (BHU) Varanasi on 29 August 2020.

# ECE | WEBINAR ON SIX PORT RECEIVERS FOR HIGH DATA RATE WIRELESS COMMUNICATION AND RADAR APPLICATIONS

Mr G Santhakumar, Asst. Professor, Dept. of ECE, attended a webinar on "Six Port Receivers for High Data Rate Wireless Communication and Radar Applications" organised by Indian Institute of Space Science and Technology, Thiruvanthapuram on 28 August 2020.





# MECH | WEBINAR ON RESPONSE SURFACE METHODOLOGY



Mr K S Raghul, Asst. Professor,
Dept of Mechanical
Engineering, attended a
webinar on "Response Surface
Methodology" organised by
ICAR-CIAE Regional Centre,
Coimbatore on 28 August 2020.

# MECH | WEBINAR ON EMERGING AREAS FOR FUNDING OPPORTUNITIES – RELEVANT TO THE INDUSTRIAL SECTOR



Mr S Ramkumar, Asst. Professor, Dept of Mechanical Engineering, attended webinar a on "Emerging Areas for Funding Opportunities - Relevant to **Industrial** Sector" the organised by Bannari Amman of Institute Technology, Sathyamangalam on 27 August 2020.



# ECE | WEBINAR ON VIRTUAL LABS FOR COMMUNICATION SYSTEMS USING MATLAB AND SIMULINK"



This is to certify that Dhivya priya has attended the following MathWorks webinar:

Event: Virtual Labs for Communication Systems using MATLAB and Simulink

Date: 20 August 2020

Webinar Run-Time: 1 hour 15 minutes

Organized by: MathWorks

Signed,

Sunil Motwani Country Manager

Sales and Service, India



Ms Dhivya Priya E L, Asst. Professor, Dept. of ECE, attended a webinar on "Virtual Labs for Communication Systems using MATLAB and Simulink" organised by Mathworks on 20 August 2020.



# SKCT | FACULTY PARTICIPATION | SWACHHTA ACTION PLAN MGNCRE ONLINE WORKSHOP











The Members of faculty from SKCT attended an online workshop on "Swachhta Action Plan" organised by Mahatma Gandhi National Council of Rural Education (MGNCRE), Dept. of HE, MoE, Government of India. Mr Prasanna Kumar, CEO and Chairman, MGNCRE, chaired the session. Mr Naveenkumar, Senior Faculty, MGNCRE, appreciated our institutions for the Swachhta Rural Engagement Activities during 29-31 August 2020.



# CSE | LIVE SESSION ON PATENT PROTECTION FOR INNOVATION DRIVEN EDUCATIONAL INSTITUTION



Ms G Nivedhitha, Ms S Padmavathi and Ms G Sandhya , Asst. Professors, Dept. of CSE, attended a live session on "Patent Protection for Innovation Driven Educational Institution" organised by Turnip Innovations in association with The Frontiers Legal on 29 August 2020.







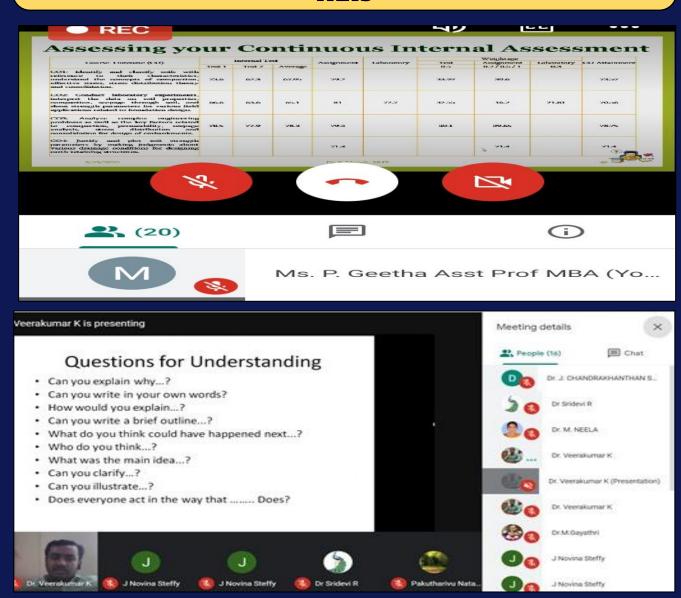




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# Som | STTP ON IMPLEMENTATION OF OUTCOME BASED EDUCATION TO ENHANCE THE QUALITY OF HEIS



The Members of Faculty from the School of Management attended the AICTE Sponsored STTP on "Implementation of Outcome Based Education to Enhance the Quality of HEIs" organised by Sri Ramakrishna College of Arts and Science, Coimbatore during 24 – 29 August 2020.



### CIVIL | FDP ON SUSTAINABILITY ENGINEERING



Ms S Dharsana, Asst. Professor, Dept. of Civil Engineering, attended the AICTE – ATAL FDP on "Sustainability Engineering" organised by Gaya College of Engineering, Gaya during 17-21 August 2020.

### **ECE | FDP ON DATA SCIENCE**

Mr R R Thirrunavukkarasu, Asst. Professor, Dept. of ECE, attended an FDP on "Data Science" organised by Rajalakshmi Institute of Technology, Chembarambakkam during 24-28 August 2020.



# **ECE | FDP ON INTERNET OF THINGS (IoT)**



Ms S Thenmozhi, Asst. Professor, Dept. of ECE, attended an FDP on "Internet of Things (IoT)" organised by ATAL Academy during 24-28 August 2020.



# CIVIL | STTP COURSE ON LOW CARBON ENERGY BUILDING



Dr V Sreevidya, Assoc. Professor and Mr R Ramesh, Asst. Professor, Dept. of Civil Engineering, attended the AICTE Sponsored STTP on "Low Carbon Energy Building" organised by Mahendra Engineering College, Namakkal during 17-22 August 2020.



# IT | FDP ON BLOCKCHAIN

# Internet of Information

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Poes

Photos

Poes

Poe





Ms Alaguvathana P, Asst. Professor, Dept. of IT, attended a Five-day AICTE - ATAL Faculty Development Programme on "Blockchain" during 31 August-04 September 2020.



# IT | FDP ON TEACHING TECHNICAL COMPUTING THROUGH INTERACTIVE METHODS USING MATLAB AND SIMULINK



Mr Sureshkumar, Asst. Professor, Dept. of IT, attended an FDP on "Teaching Technical Computing through Interactive Methods using MATLAB and Simulink" organised by ICT Academy during 30-31 July 2020.



# ICE | FDP ON CONTROL SYSTEM AND SENSORS TECHNOLOGY



Mr Rajesh R, Asst. Professor, Dept. of ICE, attended the AICTE - ATAL online FDP on "Control **System** and Technology" Sensors organised by Government College Engineering, of 21 Srirangam on August 2020.

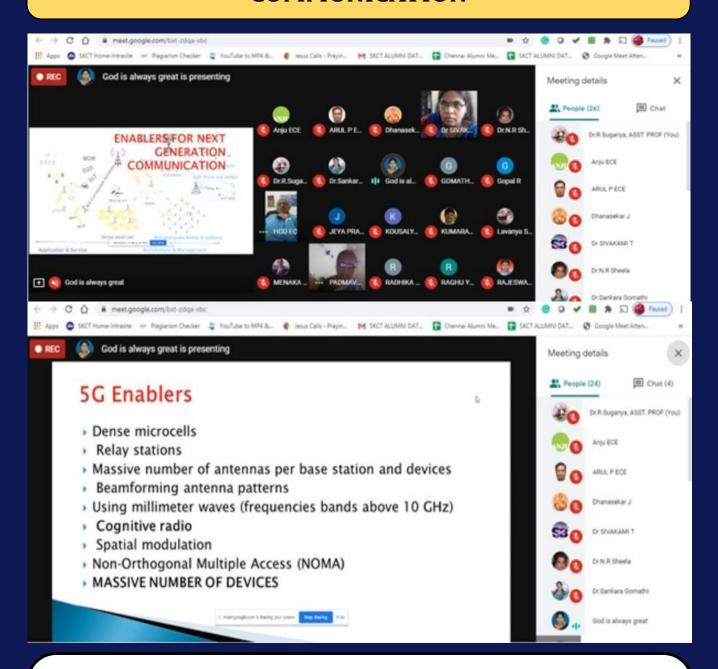
### **CSE | FDP ON CYBER SECURITY**



Ms Padmavathi. Asst. Professor, Dept. of CSE. attended the AICTE - ATAL online FDP "Cvber on Security" organised by St College Joseph's of Engineering, Chennai during 24-28 August 2020.



# IT | FDP ENABLES FOR NEXT GENERATION COMMUNICATION



Dr R Suganya, Asst. Professor, Dept. of IT, has been attending a Twoday Faculty Development Programme on "Enables for Next Generation Communication" organised by Sri Venkateshwara College of Engineering, Chennai during 04-05 September 2020.



# IT | FDP ON INTERNET OF THINGS



Dr A Christy Jeba Malar, Assoc. Professor, Dept. of IT, attended the AICTE Training and Learning Academy Faculty Development Programme on "Internet of Things" organised by National Power Training Institute during 24-29 August 2020.

### IT | FDP ON DATA SCIENCES

Jeyabharathi, Asst. Dept. Professor. IT. of attended the AICTE Training and Learning Academy Faculty Development "Data Programme on Sciences" organised National Institute of Technology, Srinagar during 24-29 August 2020.





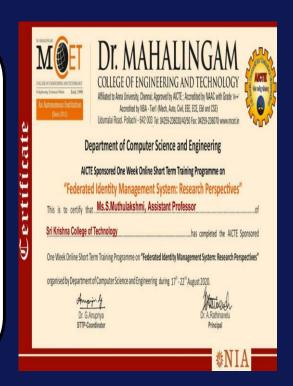
# IT | FDP ON INTERNET OF THINGS (EVERYTHING) - FUTURE



Dr R Kanmani, Assoc. Professor, Dept. of IT, attende the AICTE Sponsored Short Term Training Programme on "Internet of Things (Everything) - Future" organised by B S Abdur Rahman Crescent Institute of Science and Technology, Chennai during 24-29 August 2020.

# IT | FDP ON FEDERATED IDENTITY MANAGEMENT SYSTEM: RESEARCH PERSPECTIVES

Ms S Muthulakshmi, Asst. Professor, Dept. of IT, attended a One-week Sponsored AICTE Short Training Programme on "Federated Identity Management **System:** Research Perspectives" organised Mahalingam College by Dr Engineering and Technology, Pollachi during 17–22 August 2020.





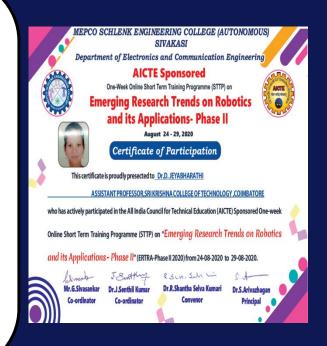
### IT | FDP ON BLOCKCHAIN



Ms S Madumidha, Asst. Professor, Dept. of IT, attended the AICTE Training and Learning Academy Faculty Development Programme on "Blockchain" organised by Mepco Schlenk Engineering College, Sivakasi during 17-21 August 2020.

# IT | FDP ON EMERGING RESEARCH TRENDS ON ROBOTICS AND ITS APPLICATIONS – PHASE II

Dr D Jeyabharathi, Asst. Professor, Dept. of IT, attended a One-week Sponsored AICTE Short Training **Programme** on "Emerging Research Trends on Robotics and its Applications -Phase II" organised by Mepco Engineering Schlenk College, during 24–29 Sivakasi August 2020.





# IT | FDP ON BLOCKCHAIN ARCHITECTURE DESIGN AND USE CASES (SMART CONTRACTS WITH ETHEREUM SOLIDITY) - PHASE III



#### GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village::Gudlavalleru, Krishna District, A.P: 521356



#### CERTIFICATE OF PARTICIPATION

This is to certify that

Roopa V

from

Sri Krishna College of Technology

has participated in AICTE sponsored Online Short Term Training Programme on "Blockchain Architecture Design and Use Cases" (Smart Contracts with Ethereum Solidity) Phase-III organized by Department of Electronics and Communication Engineering from 24-08-2020 to 29-08-2020.

Chrahamy

Dr. Ch. Balaswamy Coordinator, STTP Word

Dr. V. V. K. D. V. Prasad Prof. & HoD The

Dr. M. Kamaraju Prof. & Mentor M3/>

Dr. P. Ravindra Babu Principal

Ms V Roopa, Asst. Professor, Dept. of IT, attended a One-week AICTE Sponsored Short Term Training Programme on "Blockchain Architecture Design and Use Cases (Smart Contracts with Ethereum Solidity) – Phase III" organised by Gudlavalleru Engineering College, Krishna District during 24-29 August 2020.



# EEE | FACULTY PARTICIPATION | FDP ON ELECTRIC VEHICLES



Ms A Gayathri, Asst. Professor, Dept. of EEE, attended a five-day online FDP on "Electric Vehicles" organised by AICTE Training And Learning (ATAL), New Delhi during 24-28 August 2020.

# EEE | FACULTY PARTICIPATION | FDP ON ELECTRIC VEHICLES

Mr T Bharani Prakash,
Asst. Professor, Dept. of
EEE, attended a five-day
online FDP on "Electric
Vehicles" organised by
AICTE Training And
Learning (ATAL), New
Delhi during 24-28 August
2020.





### **EEE| FACULTY PARTICIPATION | WEBINAR ON** SMART SENSORS



"SMART SENSORS and IoT - A CASE STUDY APPROACH"

organized by the IEEE Sensors Council, Bangalore Section Chapter from 24th to 28th of August 2020.

We wish you the very best in your future endeavours.

Mr.Ravishankar Holla Member, Coordinator

Dr.K.Natarajan

Member, Convener

**Dr.Chandasree Das** 

Treasurer

Dr.S.B.Bhanu Prashanth Chairman

Dr P Santhosh, Asst. Professor, Dept. of EEE, attended a one-week webinar on "Smart Sensors and IoT - A Case Study Approach" organised by IEEE Sensors Council, Bangalore Section Chapter during 24-28 August 2020.



### EEE | FACULTY PARTICIPATION | INTERNATIONAL FDP ON REAL TIME APPLICATIONS OF POWER ELECTRONICS, SMART GRID AND MICROGRID



EEE| FACULTY
PARTICIPATION | FDP ON
RESEARCH AREA IN
ENERGY AUDIT AND
CONSERVATION

Dr Saravanan, Asst. Professor, Dept. of EEE. attended a five-day FDP on "Research Areas in Energy Audit and Conservation" organised by IAEMP Student and Chapter School Electrical Engineering (SELECT), VIT, Chennai during 24-26 August 2020.

Mr P Leninpugalhanthi, Asst. Professor, Dept. of EEE. attended International an online FDP on "Real Time Applications of Opal-RT for Electronics, **Smart** Power Grid Microgrid" and organised by School of Engineering, VIT, Electrical Chennai during 03-07 August 2020.





# EEE | FACULTY PARTICIPATION | STTP ON RECENT TRENDS & CHALLENGES IN SMART GRID TECHNOLOGY

# SRI RAMAKRISHNA ENGINEERING COLLEGE



[Educational Service: SNR Sons Charitable Trust]
[Autonomous Institution, Accredited by NAAC with 'A' Grade]
[Approved by AICTE and Permanently Affiliated to Anna University, Chennai]
[ISO 9001:2015 Certified and all eligible programmes Accredited by NBA]
Vattamalaipalayam, Coimbatore-641022





Principal

### **Department of Electrical and Electronics Engineering**

(Accredited by NBA)

#### CERTIFICATE OF PARTICIPATION

This is to certify that Mr. / Ms	. / Dr	SANTHOSH P	of
SRI KRIS	SRI KRISHNA COLLEGE OF TECHNOLOGY		has participated in the
Five Days Short Term Training	ng Program on "Rece	nt Trends & Challenges in	Smart Grid Technology"
organized by Department of	Electrical & Elecroni	cs Engineering, Sri Ramakris	hna Engineering College
luring August 17 to August 2	21, 2020.		
C. Kull	Chrku	c. y. Pradle	NRLandu
Dr. C. Kathirvel	Chairman	Dr. S.U. Prabha	Dr. N.R.Alamelu

**Hod - EEE** 

**IAEMP** 

Dr P Santhosh, Asst. Professor, Dept. of EEE, attended a five-day STTP on "Recent Trends & Challenges in Smart Grid Technology" organised by the Dept. of EEE, Sri Ramakrishna Engineering College, Coimbatore during 17-21 August 2020.

Coordinator



# ECE | STTP ON RECENT ADVANCEMENTS OF COMPUTATIONAL ELECTROMAGNETICS IN MODERN MICROWAVE ANTENNA







# Sri Venkateswara College of Engineering

An Autonomous Institution - Affiliated to Anna University Sriperumbudur Tk - 602 117

AICTE Sponsored Six Days Online Short Term Training Programme (STTP)

Certificate of Participation
This is to certify that

Santhakumar G, Assistant Professor
Sri Krishna College of Technology

has attended six days online Short Term Training Programme (STTP) on "Recent Advancements of Computational Electromagnetics in Modern Microwave Antennas" organized by Department of ECE, Sri Venkateswara College of Engineering from 24.08.2020 to 29.08.2020.

Coordinator Dr. P. Jothilakshmi, Professor

HOD/ECE Dr. S. Muthukumar, Principal S.Ganesh Vaidyanathan

Mr G Santhakumar, Asst. Professor, Dept. of ECE, attended a six-day online STTP on "Recent Advancements of Computational Electromagnetics in Modern Microwave Antenna" organised by Sri Venkateswara College of Engineering, Sriperumbudur during 24-29 August 2020.



# ECE | STTP ON TRENDS AND TECHNOLOGIES IN ANTENNA DESIGN AND ITS RESEARCH SCOPES



Mr G Santhakumar, Asst. Professor, Dept. of ECE, attended the AICTE Sponsored STTP on "Trends and Technologies in Antenna Design and its Research Scopes" organised by Toc H Institute of Science and Technology, Ernakulam during 10-16 August 2020.







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digestfeedback@skct.edu.in



### **MECH | FDP ON ROBOTICS**





S Ms Jaipriya, Asst. Professor, Dept. of ECE. **FDP** attended an on "Internet of things Future" (Everything) organised by B S Abdur Rahman Crescent Institute of Science and Technology, during 24-29 Chennai August 2020.

Santhosh, Dr Assoc. Professor, Dept. of Mechanical Engineering, completed the **AICTE** Training and Learning (ATAL) FDP on "Robotics" organised by Chennai Institute Technology, of Chennai during 24-28 August 2020.

# ECE | FDP ON INTERNET OF THINGS (EVERYTHING) FUTURE





### **ECE | WORKSHOP ON IOT AND ROBOTICS ON PIC18**









Mr S Ganesh Prabhu and Ms Dhivya Priya E L, Asst. Professors, Dept. of ECE, completed a five-day workshop on "IoT and Robotics on PIC18" organised by Apsis Solutions, Bangalore in association with Microchip on 15 July 2020.



# CIVIL | WORKSHOP ON SWACHHTA ACTION PLAN





Dr M Lenin Sundar, Professor, Dept. of Civil Engineering, attended a workshop on "Swachhta Action Plan" organised by MGNCRE of MHRD on 31 August 2020.







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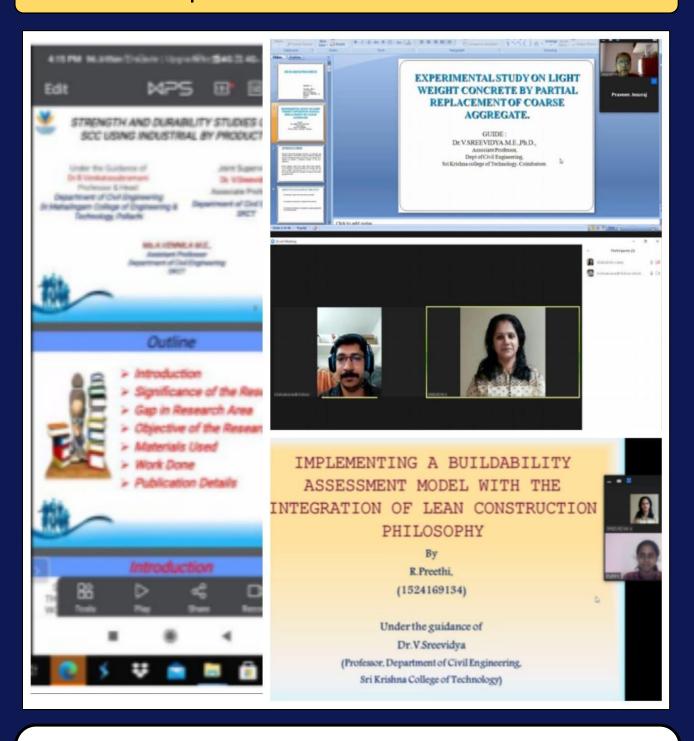
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### **CIVIL | RESEARCH SCHOLAR MEETING**



Dr V Sreevidya, Assoc. Professor, Dept. of Civil Engineering, conducted a Research Meeting with her scholars regarding the Progress of Research and Publication on 28 August 2020.



# MECH | MEETING ON SAE - ELECTRIC TWO-WHEELER DESIGN



Mr K Kaviyarasan, Asst. Professor, Dept of Mechanical Engineering, conducted a meeting with students of SAE regarding the contest on "SAE - Electric Two-Wheeler Design" on 28 August 2020.

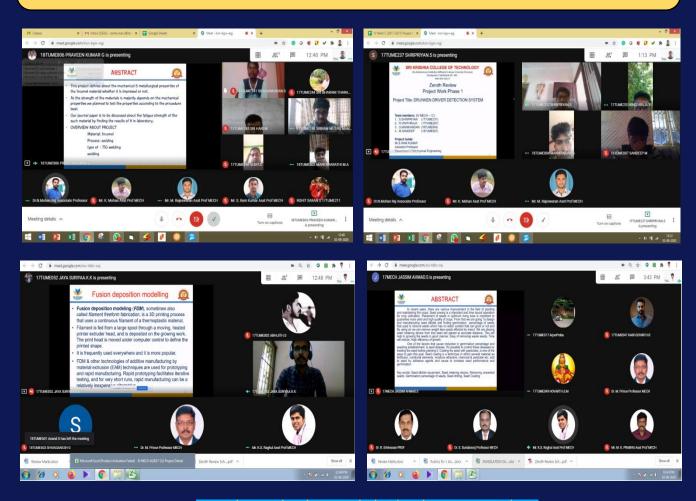
### SoM | DEPARTMENT MEETING

Dr M Padmavathi,
Professor and Head,
School of Management,
conducted a meeting with
the Members of Faculty
on 25 August 2020.





# **MECH | MEETING PROJECT ZEROTH REVIEW**

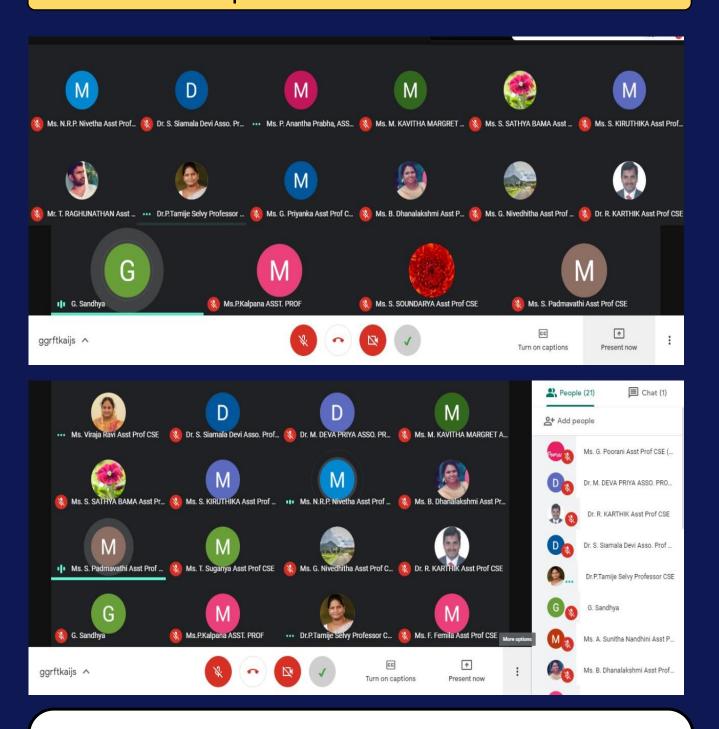




The Members of Faculty from the Dept. of Mechanical Engineering conducted the Zeroth Review Meeting with the Final Year Students on 02 September 2020.



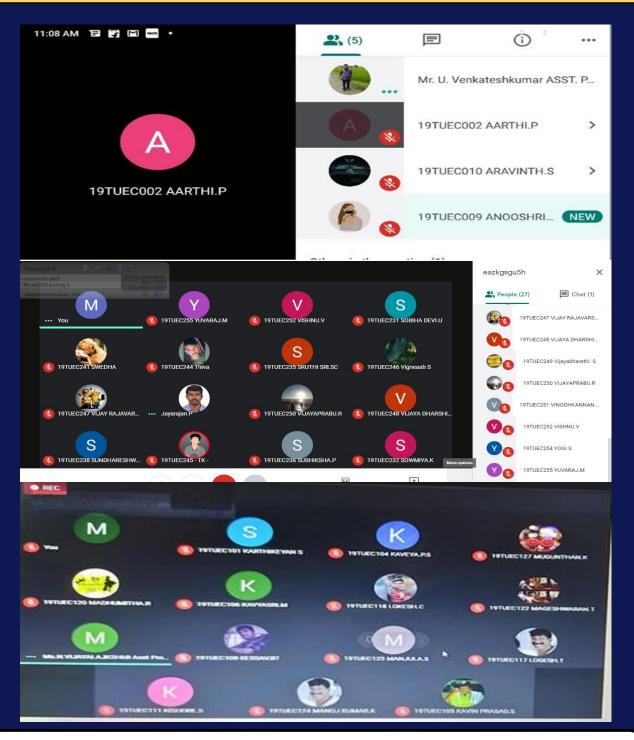
### **CSE | DEPARTMENT MEETING**



Dr P Tamije Selvy, Professor, Dept. of CSE, conducted a meeting with the Members of Faculty regarding the Progress of Academic and Placement Activities on 03 September 2020.



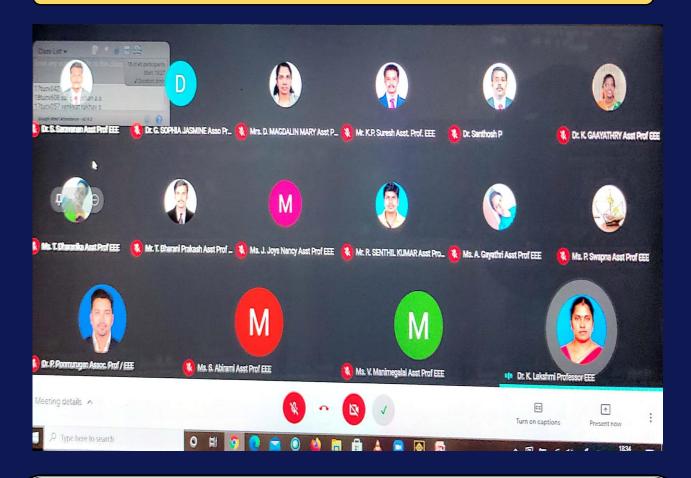
### **ECE | TUTOR WARD MEETING**



Tutors of Second B.E. ECE conducted a Tutor Ward Meeting with their respective wards regarding the Participation in Project Contest on 03 September 2020.



### **EEE | DEPARTMENT MEETING**



Dr K Lakshmi, Professor and Head, Dept. of EEE, conducted a meeting with the Members of Faculty regarding the Progress of Academic and Placement Activities, CIA II Performance, Online Classes and R2020 on 03 September 2020.

