

**SKCT**

# DIGEST

12 OCTOBER - 16 OCTOBER 2020



**SPECIAL ISSUE - 21**



**EDITOR - IN - CHIEF**

**Dr Srinivasan Alavandar,  
Principal**

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**Ms S Soundarya, CSE**

**Ms S Thenmozhi, ECE**

**Ms B Pavithra, S&H**

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# SKCT MHRD -IIC 2.0 PERFORMANCE RATING



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COVID-19

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## SKCT | MHRD - IIC 2.0 PERFORMANCE RATING

INSTITUTION'S INNOVATION COUNCIL(IIC) 2.0  
ANNUAL PERFORMANCE RATINGSRI KRISHNA COLLEGE OF TECHNOLOGY  
COIMBATORE

5 STAR RATING

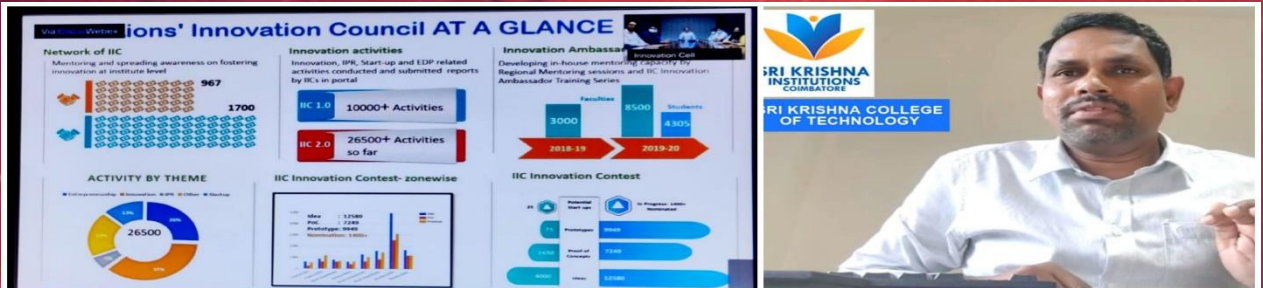


## Yet Another Proud Moment for Sri Krishna College of Technology

Our Institution has been bestowed “**5 Star Rating**” in Performance Rating of Institutions’ Innovation Council (IIC) in HEIs for the IIC 2.0 calendar year (2019-20) by Ministry of Education's Innovation Cell (MIC) and AICTE. Top-performing IIC Institutions has been awarded by The Hon'ble Minister of Education, Dr Ramesh Pokhriyal 'Nishank' along with Shri Sanjay Shamrao Dhotre, Minister of State, Ministry of Education (MoE)



# SKCT | MHRD – IIC 2.0 PERFORMANCE RATING



Our achievements are shaped by the strength of the foundations we set. Like a circle, the pursuit of our excellence has no end.

**Dr Srinivasan Alavandar, Principal**, thanked the Management and congratulated the faculty members of the institution for the support rendered throughout the endeavours to achieve the best.

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# STUDENTS' PARTICIPATION



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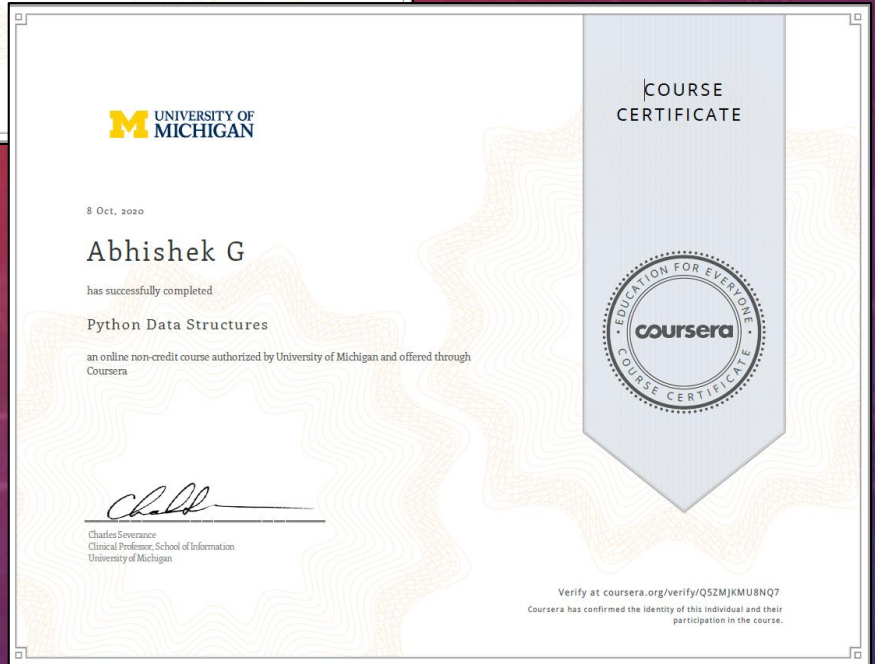
COVID-19







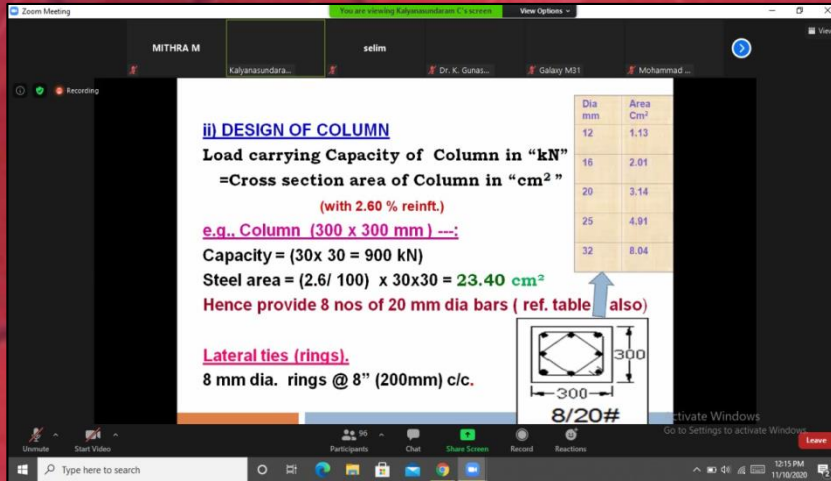
# IT | STUDENT'S CERTIFICATION | COURSERA



Mr Abhishek G, Student of Second B.Tech. IT A Section, completed an online courses on “**Python Data Structures**” and “**Programming for Everybody (Getting Started with Python)**” authorised by University of Michigan and offered through Coursera on 08 October 2020.



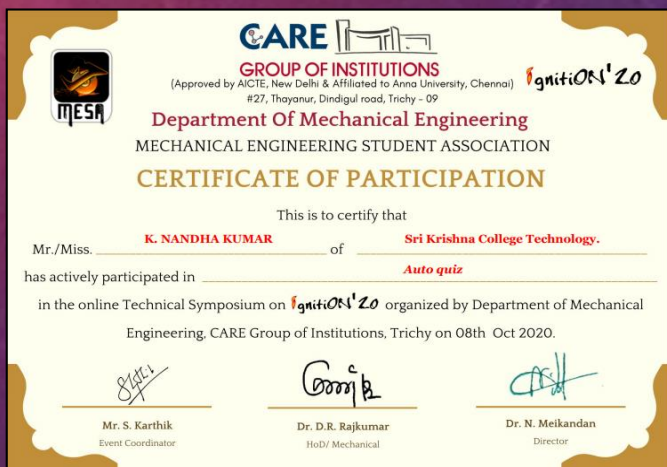
**CIVIL | STUDENTS' PARTICIPATION | WEBINAR ON SIMPLIFIED METHODS IN PRACTICE FOR CHECKING STRUTCURAL DESIGN**



Students of Second M.E. Structural Engineering attended a one-day webinar on "Simplified Methods in Practice for Checking Structural Design with Case Studies" organised by SRM Institute of Science and Technology, Chennai on 11 October 2020.

**MECH | STUDENT'S PARTICIPATION | AUTO QUIZ**

Mr K Nandha Kumar, Student of Third B.E. Mechanical Engineering, participated in a quiz on "Ignition'20" organised by CARE Group of Institutions, Trichy on 08 October 2020.



## CSE | ONLINE SUMMER INTERNSHIP



**INTECH OLYMPIAD**  
**ONLINE SUMMER INTERNSHIP**  
**CERTIFICATE**

This is to certify that  
Mr /Mrs / Ms **SHRUTHI N**  
from **Sri Krishna College of Technology, Coimbatore** participated and  
successfully completed the project “ **Facilitating effective inclusion of Senior / Elderly  
citizens into digital world/e-age.** ” assigned in InTech Olympiad during Online Summer  
internship from 28th May 2020 to 28th July 2020

  
Mr. Mahesh A. Kulkarni  
Afour Technologies

  
Prof. Sudhir D. Agashe  
COEP

**A FOUR**  
TECHNOLOGIES

Ms N Shruthi, Student of Third B.E. CSE C Section, completed a project on “**Facilitating Effective Inclusion of Senior / Elderly Citizens into Digital World/ E-age**” assigned by InTech Olympiad during 28 May-28 July 2020.



# EEE | STUDENT CERTIFICATION | COURSE COMPLETION CERTIFICATE ON DATA STRUCTURE



Ms G Ramya, Student of Third B.E. EEE B Section, completed an online course on “**Data Structures**” through Coursera on 14 October 2020.

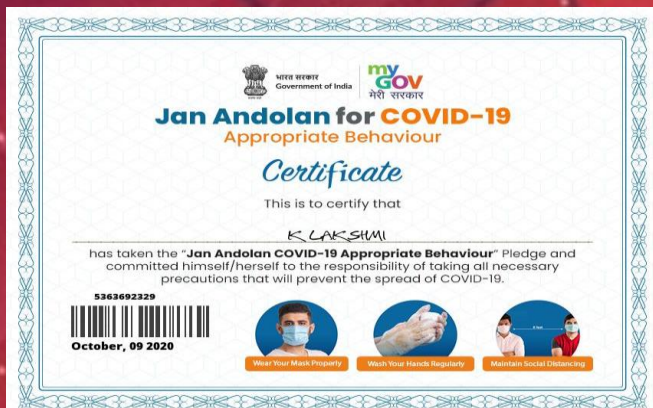
**EEE | STUDENT PARTICIPATION | VIRTUAL  
WORKSHOP ON DESIGN FOR ADDITIVE  
MANUFACTURING WITH NX**





Mr A Alvin Reuben, Student of Final B.E. EEE A Section, attended a workshop on **“Design for Additive Manufacturing with NX”** organised by Skyy Rider Institutions, Odisha on 12 October 2020.



EEE | STUDENT & FACULTY PARTICIPATION |  
PLEDGE ON JAN ANDOLAN COVID-19




**Jan Andolan for COVID-19**  
Appropriate Behaviour




*Certificate*

This is to certify that

K. LAKSHMI

has taken the "Jan Andolan COVID-19 Appropriate Behaviour" Pledge and committed himself/herself to the responsibility of taking all necessary precautions that will prevent the spread of COVID-19.

5363692329  
  
 October, 09 2020






**Jan Andolan for COVID-19**  
Appropriate Behaviour


*Certificate*

This is to certify that

Bhavani Pralath T

has taken the "Jan Andolan COVID-19 Appropriate Behaviour" Pledge and committed himself/herself to the responsibility of taking all necessary precautions that will prevent the spread of COVID-19.

6933528427  
  
 October, 15 2020










**Jan Andolan for COVID-19**  
Appropriate Behaviour

*Certificate*

This is to certify that

Anesh

has taken the "Jan Andolan COVID-19 Appropriate Behaviour" Pledge and committed himself/herself to the responsibility of taking all necessary precautions that will prevent the spread of COVID-19.

4745795826  
  
 October, 15 2020










**Jan Andolan for COVID-19**  
Appropriate Behaviour

*Certificate*

This is to certify that

SATHIRADHANT

has taken the "Jan Andolan COVID-19 Appropriate Behaviour" Pledge and committed himself/herself to the responsibility of taking all necessary precautions that will prevent the spread of COVID-19.

689992628  
  
 October, 15 2020










**Jan Andolan for COVID-19**  
Appropriate Behaviour

*Certificate*

This is to certify that


Chetan R


has taken the "Jan Andolan COVID-19 Appropriate Behaviour" Pledge and committed himself/herself to the responsibility of taking all necessary precautions that will prevent the spread of COVID-19.

6656797552  
  
 October, 15 2020







**Jan Andolan for COVID-19**  
Appropriate Behaviour



*Certificate*

This is to certify that

Srinidhi

has taken the "Jan Andolan COVID-19 Appropriate Behaviour" Pledge and committed himself/herself to the responsibility of taking all necessary precautions that will prevent the spread of COVID-19.

5265748842  
  
 October, 15 2020


The Members of Faculty and Students from the Dept. of EEE has taken the "Jan Andolan COVID-19 Appropriate Behaviour" Pledge on 15 October 2020.



# IT | JAN ANDOLAN FOR COVID-19 | PLEDGE TAKEN





## IT | STUDENT PARTICIPATION | WEBINAR ON HOW TO DEVELOP A WEB APPLICATIONS USING MACHINE LEARNING



**CHRISTU JYOTHI**

INSTITUTE OF TECHNOLOGY & SCIENCE

Accredited by NBA & NAAC | Affiliated to JNTUH

Jangaon, Telangana 506167

# CERTIFICATE

OF APPRECIATION

THIS IS TO CERTIFY THAT

Ms. SHIVA SHRI U

SRIKRISHNA COLLEGE OF TECHNOLOGY



HAS ACTIVELY PARTICIPATED IN THE WEBINAR ON

" **HOW TO DEVELOP A WEB APPLICATIONS USING MACHINE LEARNING** "

ORGANIZED BY DEPARTMENT OF CSE, CHRISTU JYOTHI INSTITUTE OF TECHNOLOGY & SCIENCE

IN ASSOCIATION WITH PANTECH E LEARNING ON 25<sup>th</sup> AUG 2020.

SRI DIVASAN N.  
DIRECTOR  
PANTECH E LEARNING

POORNA CHANDRA REDDY ALLA  
HOD - CSE  
CJIT







ONLINE LEARNING PLATFORM

PEL\_CJITS Web App Aug 25, 2020 73


Ms Shiva Shri U, Student of Second B.Tech. IT B Section, attended a webinar on “**How to Develop a Web Applications using Machine Learning**” organised by Christu Jyothi Institute of Technology and Science, Telangana in association with Pantech E Learning on 25 August 2020.

## MECH| PARTICIPATION IN COVID INNOVATION CHALLENGE



Supported by  
AIM  
ATAL INNOVATION MISSION

**Atal Incubation Centre**  
Pondicherry Engineering College Foundation



Seeking innovative solutions to fight the  
COVID-19 pandemic!

# COVID INNOVATION CHALLENGE

Mr P R Sivaraman, Mr Adwaith Pramod, Mr Asrith Raj and Mr K K Jaya Suriyaa, Students of Final B.E. Mechanical Engineering, presented their idea on **“Indoor Disinfection of Coronavirus by RH and Temperature Control”** in the Covid Innovation Challenge organised by Pondicherry Engineering College, Pondicherry.



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# FACULTY PARTICIPATIONS



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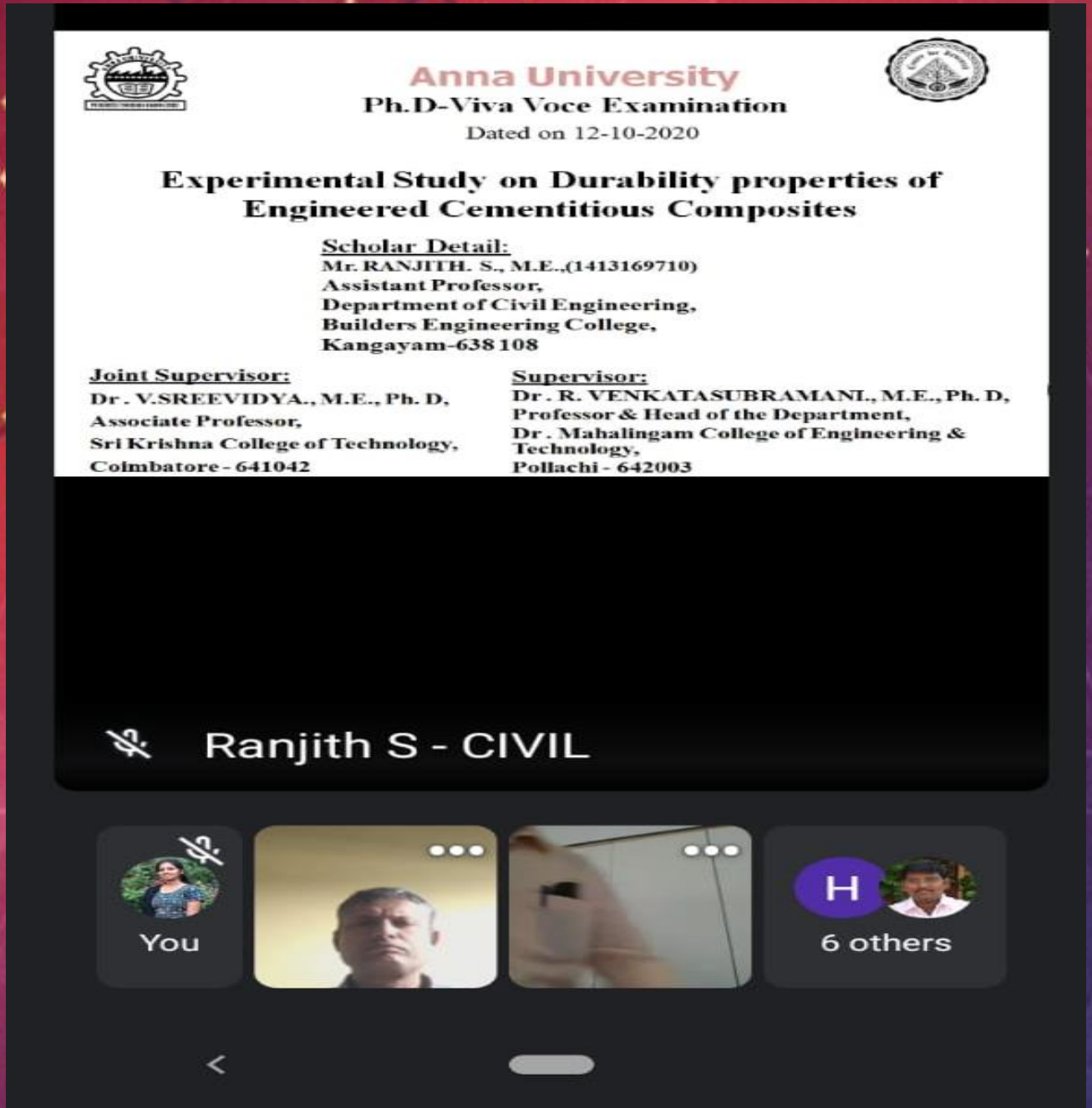


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CIVIL | FACULTY ACHIEVEMENTS | Ph.D. VIVA - VOCE



Mr Ranjith S, Ph.D. Scholar, under the guidance of Dr V Sreevidya, Assoc. Professor, Dept. of Civil Engineering, defended his Ph.D. Viva-Voce on 12 October 2020.



# IT | GUEST LECTURE | MACHINE TRANSLATION

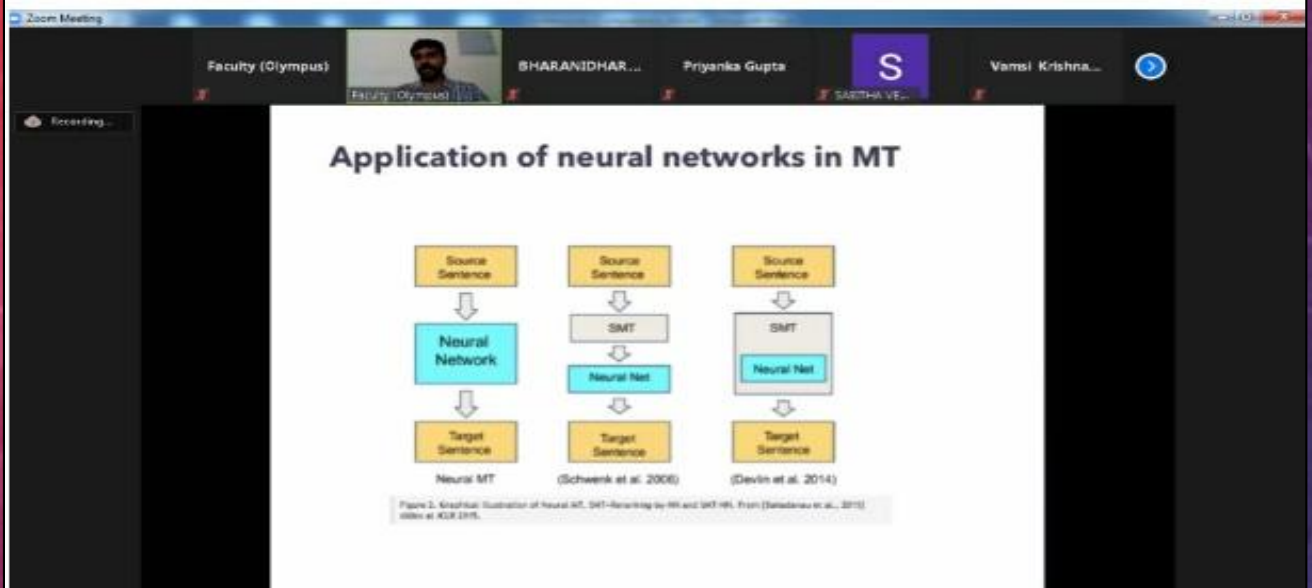
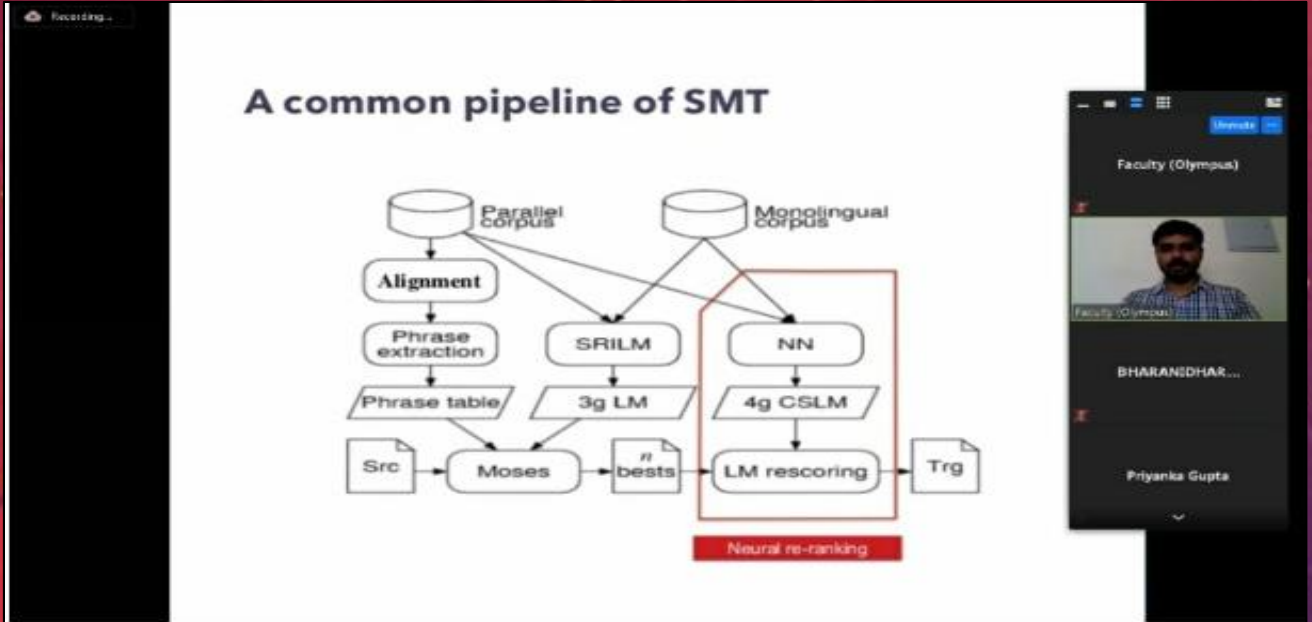


Figure 2. Graphical illustration of neural MT, SMT-Rescoring by NN and SMT-RL. From [Devlin et al., 2014], slides at KDD 2015.

Dr T Rajeshkumar, Assoc. Professor, Dept. of IT, served as a Resource Person and delivered a Guest Lecture on “**Machine Translation**” in the AICTE sponsored Short Term Training Programme on Deep Learning (Phase II) on 09 September 2020.

## ECE | FACULTY PARTICIPATION | TEACHING 2.0 – INNOVATIVE ONLINE PEDAGOGIES



Ms M Jaishree, Asst. Professor, Dept. of ECE, attended a webinar on **"Teaching 2.0 - Innovative Online Pedagogies"** organised by Sri Krishna College of Technology, Coimbatore on 10 October 2020.

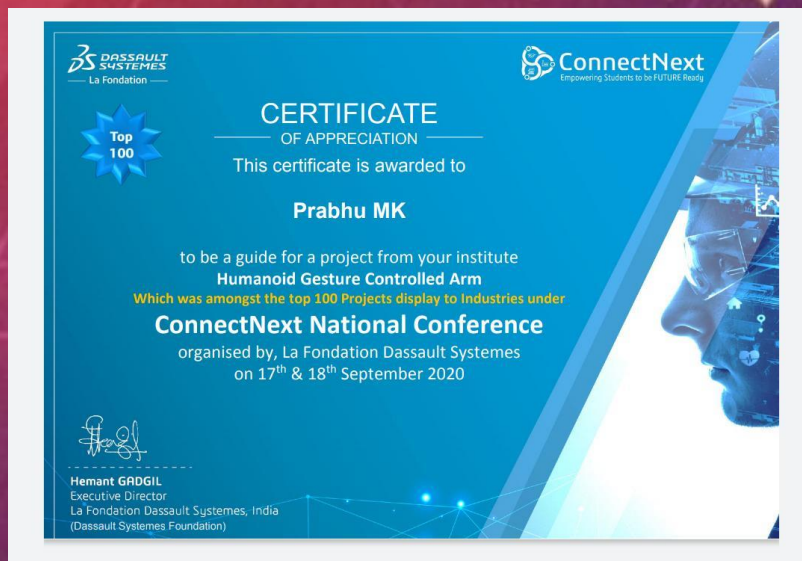
## ECE | FACULTY PARTICIPATION | JAN ANDOLAN COVID-19

Mr R R Thirrunavukkarasu, Asst. Professor, Dept. of ECE, has taken the **"Jan Andolan COVID-19 Appropriate Behaviour"** Pledge on 09 October 2020.





**MECH| APPRECIATION CERTIFICATE FOR GUIDING PROJECTS FROM DASSAULT SYSTEMES**



Dr S Sundararaj, Professor and Mr M K Prabhu, Asst. Professor, Dept. of Mechanical Engineering, received a Certificate of Appreciation for guiding a project on “**Humanoid Gesture Controlled Arm**” in the ConnectNext National Conference organised by La Fondation Dassault Systemes during 17-18 September 2020.

# MECH| PARTICIPATION IN INTERNATIONAL CONFERENCE

**Hardness test**

To measure: Obstruction provided by the material against penetration.

**Results:**

Test Parameter	1	2	3	4	5	6
Hardness values (HBN)	90	92	96	101	110	120

**Microstructure test**

The attributes appearance and physical course of action of metal atoms as perceived with an optical microscope to derive conclusions about the grain size and shape, dispersion of different stages and consideration.

**RESULTS**

From this paper it is miles discovered that we can use agricultural waste like chicken bone ash, rice husk ash for the composites manufacturing and able to change over industrial wastes into business wealth.

- The Corrosion rate of the reinforced component is slightly decreased with the comparison of pure Aluminium 6063.
- The corrosion resistance of Al-CBA composites have been accelerated with increase in percentage of Aluminium oxide and chicken bone ash.
- The percentage maximum of reinforcements like Aluminium oxide extended the corrosion resistance and decreased the rate of corrosion.

Mr P Sivaraman and Mr T Nithyanandham, Asst. Professors, Dept of Mechanical Engineering, presented a paper on **“Investigation of Corrosion Characteristic of Al 6063 Reinforced with Al<sub>2</sub>O<sub>3</sub>-CBA by using Stir Casting”** in ICMMM 20 organised by Bannari Amman Institute of Technology, Sathyamangalam during 10-11 October 2020.



**EEE | FACULTY ACHIEVEMENT | CERTIFICATE OF APPRECIATION IN DASSAULT SYSTEMES****CERTIFICATE**

OF APPRECIATION

This certificate is awarded to

**Dr.S.Saravanan**to be a guide for a project from your institute  
**Voice Keypad Controlled WheelChair**

Which was amongst the top 100 Projects display to Industries under

**ConnectNext National Conference**organised by, La Fondation Dassault Systemes  
on 17<sup>th</sup> & 18<sup>th</sup> September 2020

**Hemant GADGIL**  
Executive Director  
La Fondation Dassault Systemes, India  
(Dassault Systemes Foundation)

Dr S Saravanan, Asst. Professor, Dept. of EEE, received a Certificate of Appreciation for guiding a project on “**Voice Keypad Controlled WheelChair**” in the ConnectNext National Conference organised by La Foundation Dassault Systemes during 17-18 September 2020.

## ECE | FACULTY PARTICIPATION | WORLD SPACE WEEK



Mr G Santhakumar, Asst. Professor, Dept. of ECE, attended a **“World Space Week”** Program organised by Society for Space Education Research and Development during 04-10 October 2020.

## ECE | FACULTY PARTICIPATION | PEOPLE ANALYTICS- AN OVERVIEW

Mr S Ganesh Prabhu, Asst. Professor, Dept. of ECE, attended a Skill Development Program on **“People Analytics - An Overview”** organised by Sri Ramakrishna Institute of Technology, Coimbatore on 14 October 2020.





## CSE | FACULTY ACHEIVEMENTS | SUBMISSION OF DST-SC/ST HUB PROPOSAL

Dr P Tamije Selvy, Professor and Head, Principal Investigator, Ms S Sathya Bama, Ms G Priyanka and Ms M S Sruthi, Asst. Professors, Dept. of CSE, submitted a Project Proposal on "**A Telemedicine Platform Integrated With E-Commerce Application To Retail Medicinal Herbs**" to Science Technology and Innovation (STI) Hubs for Development of Scheduled Caste (SC) and Scheduled Tribe (ST) Communities, DST.

## CSE | CERTIFICATION ON INTRODUCTION TO ARTIFICIAL INTELLIGENCE



Ms A Sunitha Nandhini, Asst. Professor, Dept. of CSE, completed a training program on "**Introduction to Artificial Intelligence**" offered by Simplilearn on 11 October 2020.

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# PUBLICATIONS



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## EEE | FACULTY JOURNAL PUBLICATION | ADVANCES IN MATHEMATICS: SCIENTIFIC JOURNAL

ADV MATH  
SCI JOURNAL

Advances in Mathematics: Scientific Journal 9 (2020), no.10, 8175–8185  
ISSN: 1857-8365 (printed); 1857-8438 (electronic)  
<https://doi.org/10.37418/amsj.9.10.47> Spec. Iss. on AOAOCPEP-2020

### HARMONIC ANALYSIS OF REDUCED DEVICE COUNT MULTILEVEL CONVERTER

B. LALITHA<sup>1</sup>, K. LAKSHMI, G. RAMYA, R. SAMPATHKUMAR,  
AND T. GULAM MOHAMMED MOINUDDIEN

**ABSTRACT.** The dc-ac converter especially multilevel inverters become an option for various applications present trends. Among various topology structure H bridge Inverter which comprises of a progression of H connect section along separate direct current sources is connected to create stepped voltage level, and also it has lower switching loss contrasted with different topologies. With increasing the number of level in output the switching device requirement is also increased which results in complex topology structure and control. To report this issue a conventional structure has been presented in this paper which results in increased efficiency and losses. Comparative analysis based on harmonic distortion is carried out in this research paper on conventional MLI and reduced switch count MLI. The proposed MLI structure requires only 24 switches compared to conventional topology which requires twice that of proposed topology. The comparison result also carried out based on harmonic distortion and device count.

#### 1. INTRODUCTION

Due to increased application on higher voltage multilevel inverter is considered as an alternative on basic inverter topology [1]. It produces the necessary output with various DC sources connected H bridge unit. It produces stepped output waveform. MLI has advantages such as reduced circuit and dv/dt stress,

<sup>1</sup>Corresponding author

2020 Mathematics Subject Classification. 42B05, 93B15.

Key words and phrases. Multilevel inverter, PWM, Switch count, THD.

Dr K Lakshmi, Professor and Head, Dept. of EEE, published a paper on “**Harmonic Analysis of Reduced Device Count Multilevel Converter**” in Advances in Mathematics: Scientific Journal, No.10, 8175-8185 ISSN: 1857-8365.

## IT | INTERNATIONAL CONFERENCE - SCI 2020 SPRINGER SERIES

The screenshot shows a Zoom meeting interface. At the top, there is a toolbar with icons for Mute, Start Video, Participants (18), New Share, Pause Share, Annotate, Remote Control, and More. Below the toolbar, a green banner reads "You are screen sharing" and a red banner reads "Stop Share". The main content is a slide titled "Conclusion" with the following bullet points:

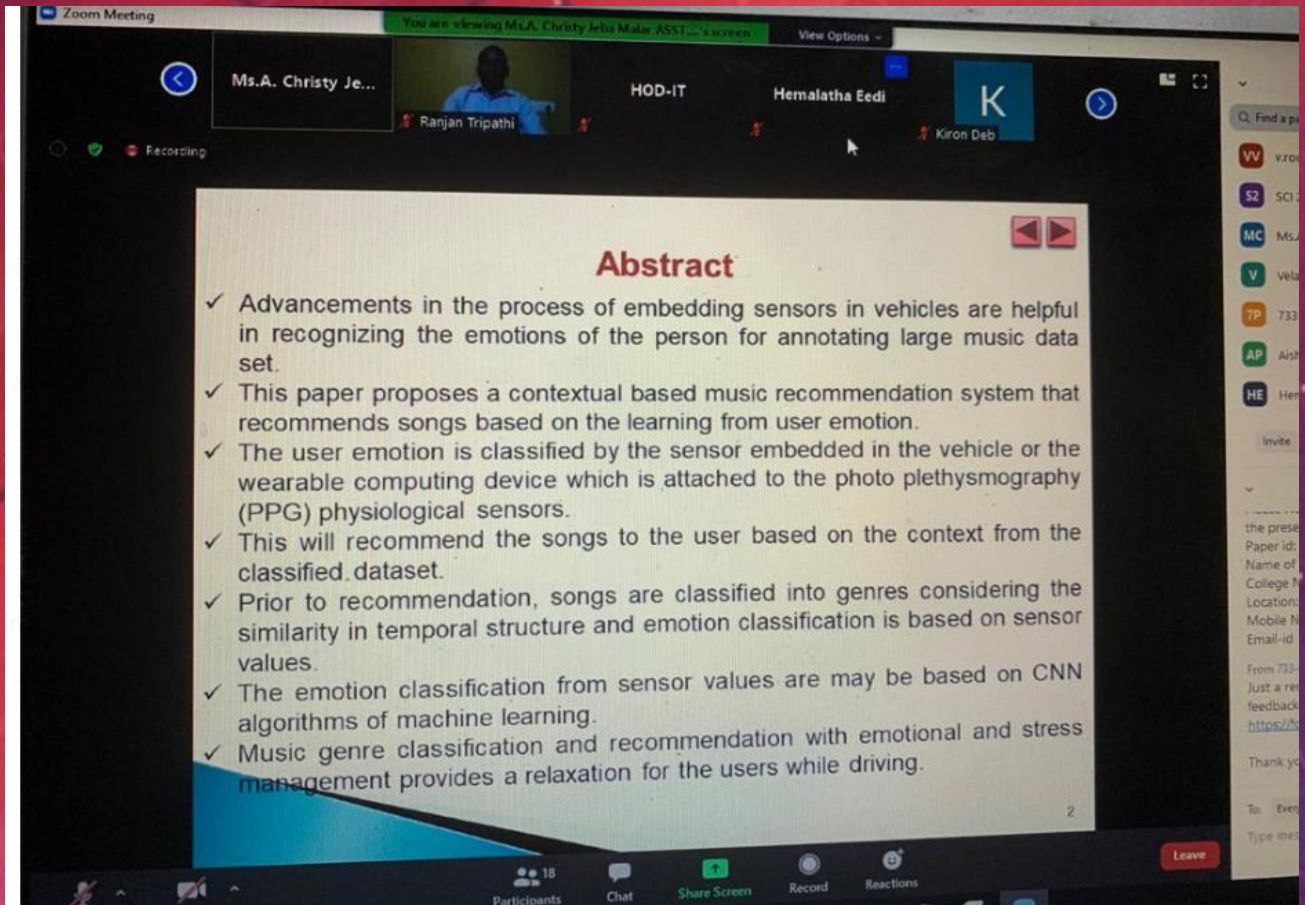
- ✓ This paper proposed a music genre classification and recommendation system using Convolution Neural networks
- ✓ The feature sets are extracted using Mel Spectrum
- ✓ The recent innovations in wearable devices are much needed for emotional predictions
- ✓ Smart cars, smart homes and many innovations are possible with the predictive values from the physical devices
- ✓ The proposed system thus classifies music based on these sensor enabled physical devices with music data set from many online stream applications

On the right side, there is a video feed of a participant named "Velangiri". Below the video feed, the meeting name "SCI 2020" and the name "Saigayatri Vadali" are visible. The slide number "1/5" is shown in the bottom right corner.

Dr A Christy Jeba Malar, Assoc. Professor, Ms R R Rekanivetha, Mr R Thanga Pradeep Kumar, Mr R Sarveshwaran and Ms A Prithiksha Parameshwari, Students of Final B.Tech. IT B Section, presented a paper on **“Customized Music Classification and Recommendation System based on Classifiers of Neural Networks and Sensor Embedded on Smart Devices”** in the 4th International Conference on Smart Computing and Informatics (SCI 2020) organised by Vasavi College of Engineering (Autonomous), Hyderabad during 09-10 October 2020.



## IT | INTERNATIONAL CONFERENCE - SCI 2020 SPRINGER SERIES



Ms V Roopa, Asst. Professor, Mr R Vasikaran, Mr M Sriram Karthik, Ms S Sindhu N and Mr Vaishnavihas, Students of Third B.Tech. IT B Section, presented a paper on **“An Intelligent Tracking Application for Post Pandemic”** in the 4th International Conference on Smart Computing and Informatics (SCI 2020) organised by Vasavi College of Engineering (Autonomous), Hyderabad during 09-10 October 2020.

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# NEW VISTAS OF LEARNING



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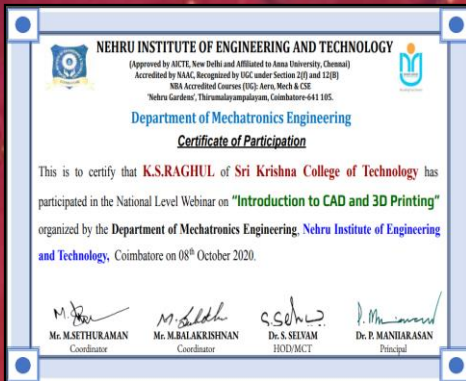


COVID-19

COVID-19

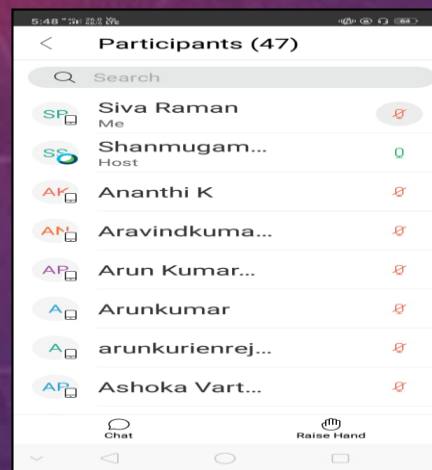
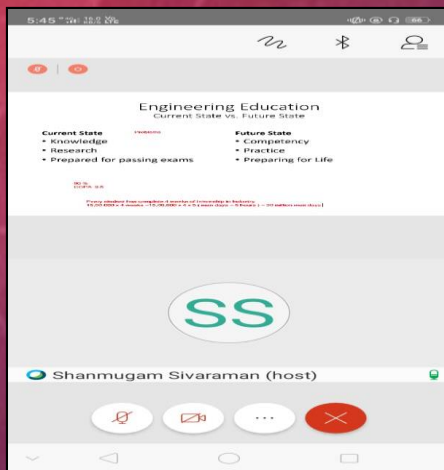


## MECH | WEBINAR ON INTRODUCTION TO CAD AND 3D PRINTING



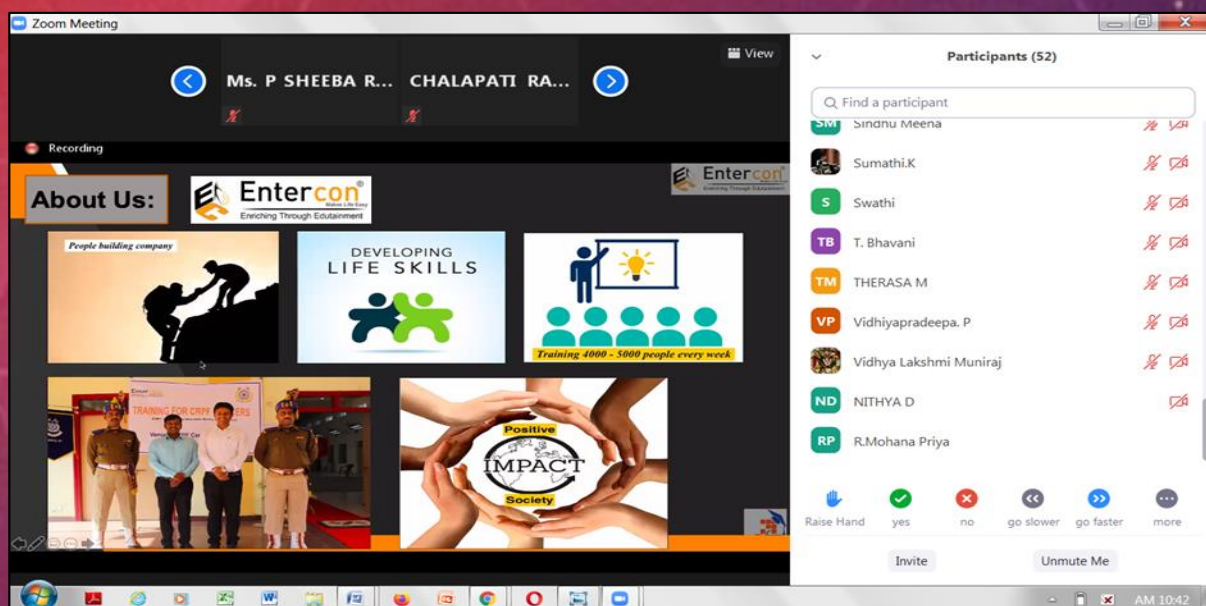
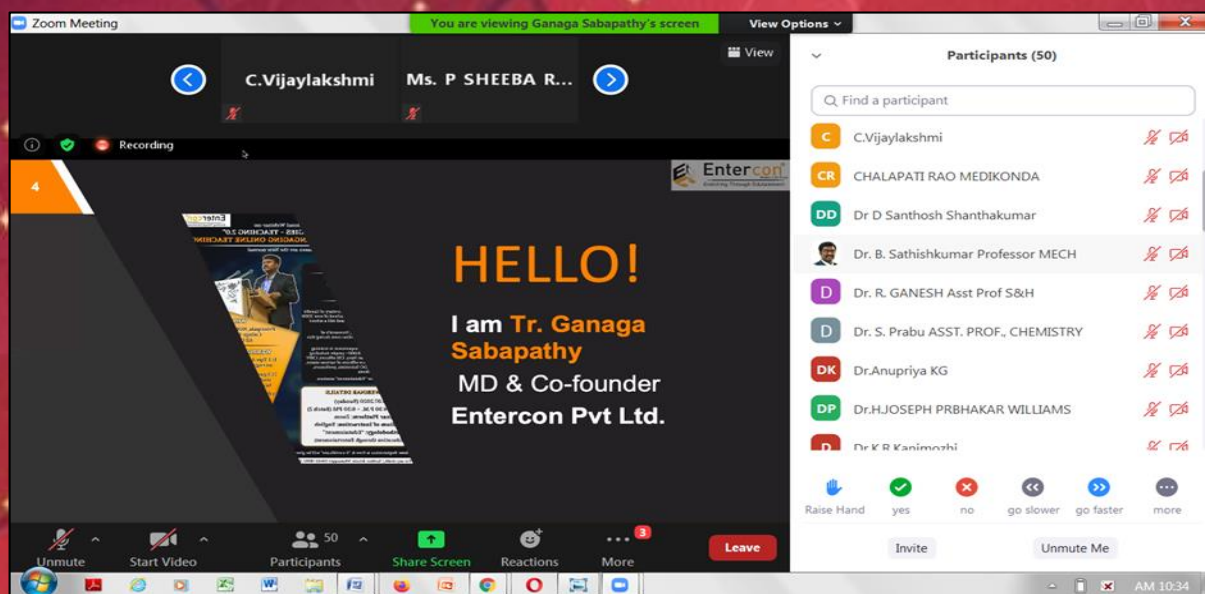
Mr K S Raghul, Asst. Professor, Dept. of Mechanical Engineering, attended a webinar on **“Introduction to CAD and 3D Printing”** organised by Nehru Institute of Engineering and Technology, Coimbatore on 08 October 2020.

## MECH | WEBINAR ON THE PLACEMENT OPPORTUNITIES IN CORE COMPANY FOR A MECHANICAL GRADUATE



The Members of Faculty from the Dept. of Mechanical Engineering attended a webinar on **“The Placement Opportunities in Core Company for a Mechanical Graduate”**. Mr S Shanmugam, Director, Design Desk (India) Private Limited & Chairman, SAEINDIA Southern Section facilitated the session on 10 October 2020.

## S&H | WEBINAR ON TEACHING 2.0 - INNOVATIVE ONLINE PEDAGOGIES



The Members of Faculty from the Dept. of Science and Humanities attended a one-day webinar on **“Teaching 2.0 - Innovative Online Pedagogies”**. Tr Ganaga Sabapathy, Co-founder & Managing Director, Entercon Pvt. Ltd. facilitated the session. Mr S Karthik, Asst. Professor, Dept. of S&H, coordinated the event on 10 October 2020.



**MECH | WEBINAR ON AUTODESK FUSION 360**

Tutorial 3 Explore limitless possibilities with Generative Design using Autodesk Fusion ...

Via CiscoWebex

Type here to send message

N.Aravindkumar 1 sec ago  
Good Morning. Aravindkumar from SKCT, Coimbatore

D. Sameer Kumar 15 sec ago  
Good Morning sir..

Kirubahar R 26 sec ago  
good morning all

Ms.Geetha N 43 sec ago  
Good Morning

Josemila Baby J 49 sec ago  
Good Morning to ALL...

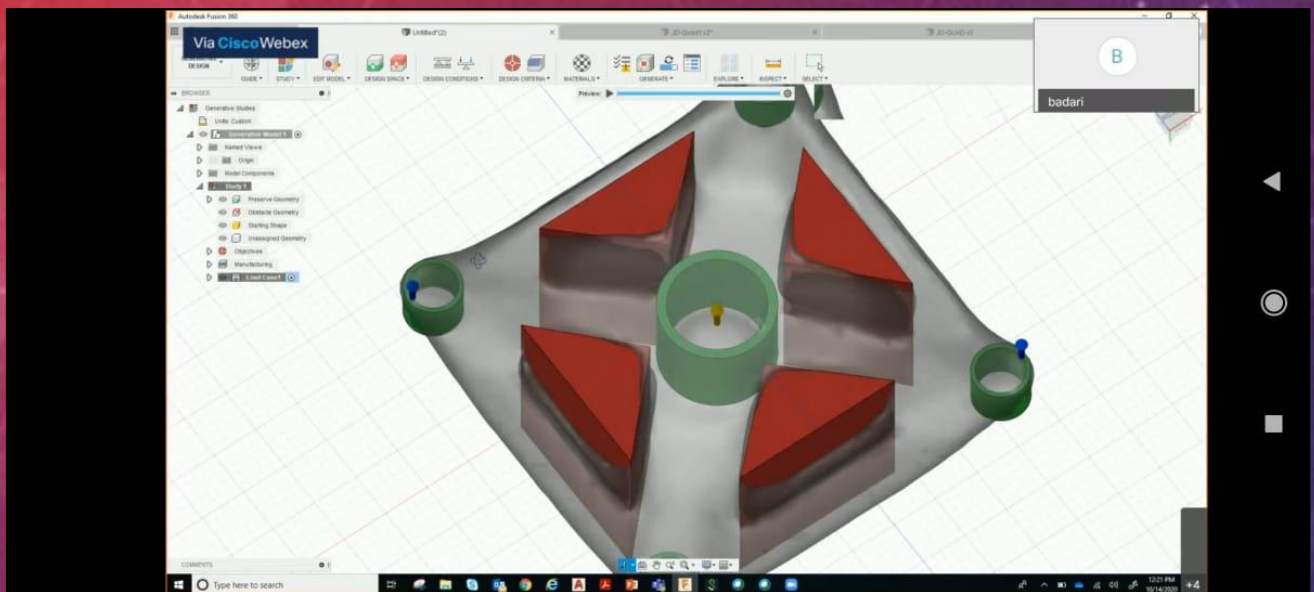
PRAKASHA ACHARYA 1 min ago

Anand Pujari Account Manager

Badari Hiriyur Education Program Specialist

Live || Tutorial 1 Reinforcement Learning for Autonomous Systems using MATLAB

Launch



Dr P Sakthivel, Assoc. Professor, Mr N Aravindkumar and Mr S Thiyagu, Asst. Professors, attended a webinar on **"Explore Limitless Possibilities with Generative Design using Autodesk Fusion 360"** organised by Autodesk on 14 October 2020.

## CIVIL | WEBINAR ON WASTE TO WEALTH

KUMARAGURU  
college of technology  
character is lifeDepartment of  
Civil Engineering

Kuppaikaaran Waste Management Pvt. Ltd

Presents this

## CERTIFICATE

To

SREEVIDYA.V

For his/her active and invaluable participation in the webinar on "Waste to Wealth" organized by Department of Civil Engineering, Kumaraguru College of Technology & in association with Kuppaikaaran Waste Management Pvt Ltd, conducted on 30 September 2020.

Head/CE

**Dr.V.Selvan**

Kumaraguru College of Technology

Principal

**Dr.J.Srinivasan**

Kumaraguru College of Technology

Dr V Sreevidya, Assoc. Professor, Dept. of Civil Engineering, attended a webinar on "**Waste to Wealth**" organised by Kumaraguru College of Technology, Coimbatore on 30 September 2020.



SoM | WEBINAR ON SUPPLY CHAIN ANALYTICS

Live Online



FREE Course on  
Supply Chain Analytics

14<sup>th</sup> & 15<sup>th</sup> - Oct 20

Duration: 4 hours

5:30 pm to 7:30 pm IST



Supply Chain Operations Reference (SCOR) Model



Table 1. SCOR model and examples of decisions at the three levels

SCOR domain	Source	Make	Deliver	Return
Activities	Order and receive materials and products	Schedule and manufacture, repair, remanufacture, or recycle materials and products	Receive, schedule, pick, pack, and ship orders	Request, approve, and determine disposal of products and assets
Strategic (time frame: years)	<ul style="list-style-type: none"> <li>Strategic sourcing</li> <li>Supply chain mapping</li> </ul>	<ul style="list-style-type: none"> <li>Location of plants</li> <li>Product line mix at plants</li> </ul>	<ul style="list-style-type: none"> <li>Location of distribution centers</li> <li>Fleet planning</li> </ul>	<ul style="list-style-type: none"> <li>Location of return centers</li> </ul>
Tactical (time frame: months)	<ul style="list-style-type: none"> <li>Tactical sourcing</li> <li>Supply chain contracts</li> </ul>	<ul style="list-style-type: none"> <li>Product line rationalization</li> <li>Sales and operations planning</li> </ul>	<ul style="list-style-type: none"> <li>Transportation and distribution planning</li> <li>Inventory policies at locations</li> </ul>	<ul style="list-style-type: none"> <li>Reverse distribution plan</li> </ul>
Operational (time frame: days)	<ul style="list-style-type: none"> <li>Materials requirement planning and inventory replenishment orders</li> </ul>	<ul style="list-style-type: none"> <li>Workforce scheduling</li> <li>Manufacturing, order tracking, and scheduling</li> </ul>	<ul style="list-style-type: none"> <li>Vehicle routing (for deliveries)</li> </ul>	<ul style="list-style-type: none"> <li>Vehicle routing (for returns collection)</li> </ul>
Plan	Demand forecasting (long term, mid term, and short term)			



Waste

FedEx

Post Login

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Request to speak

73

01:32:19

Dr R Prabusankar, Professor and Ms P Geetha, Asst. Professor, SoM attended a webinar on “Supply Chain Analytics” organised by 360 DigiTMG during 14-15 October 2020.

## MECH| WEBINAR ON FEA - AN EXCITING AND CHALLENGING CAREER



**NEHRU INSTITUTE OF ENGINEERING AND TECHNOLOGY**

T. M. Palayam, Coimbatore-641 105

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

Accredited by NAAC, Recognized by UGC with Section 2(f) and 12(B)

NBA Accredited UG Courses: AERO, CSE, MECH



*Certificate of Participation*



Moulding True Citizens

This is to certify that **K.S.RAGHUL**, Assistant Professor of Sri Krishna College of Technology has attended a National Level Webinar on “**FEA – AN EXCITING AND CHALLENGING CAREER**” on October 15<sup>th</sup>, 2020 organized by Department of Mechatronics Engineering, Nehru Institute of Engineering and Technology, Coimbatore -641105.

**Dr. P. RAGHUNAYAGAN**  
Coordinator

**Dr. S. SELVAM**  
HOD/MCT

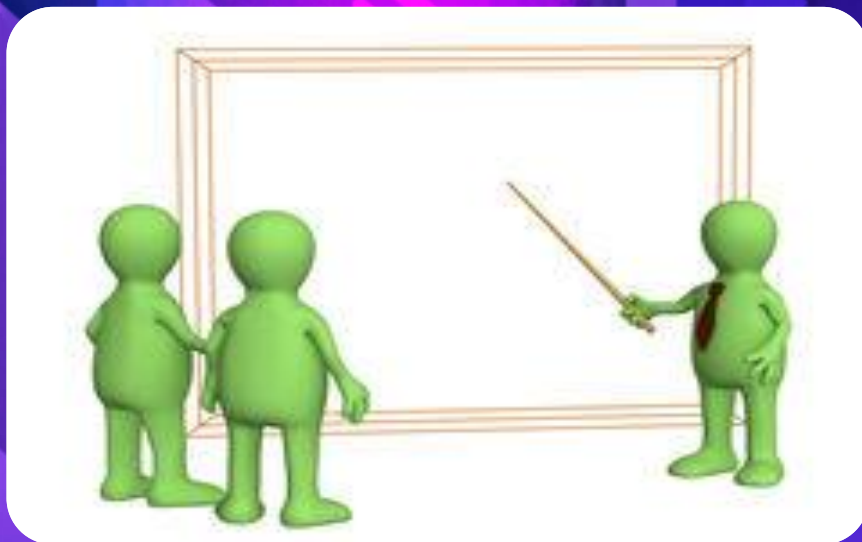
**Dr. P. MANIARASAN**  
Principal

Mr K S Raghul, Asst. Professor, Dept. of Mechanical Engineering, attended a webinar on “**FEA – An Exciting and Challenging Career**” organised by Nehru Institute of Engineering and Technology, Coimbatore on 15 October 2020.



SPECIAL EDITION - 21

# FDPs ATTENDED



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@skctofficial



digestfeedback@skct.edu.in



COVID-19

**MECH | FDP ON ADVANCES IN ENGINE COMBUSTION AND EMISSION DIAGNOSTICS**



**National Institute of Technology Andhra Pradesh**  
Tadepalligudem, Andhra Pradesh - 534102



सत्यमेव जयते  
Government of India  
Ministry of Human  
Resource Development

**Certificate of Participation**

*This is to certify that Mr. Ram Kumar S, Assistant Professor in the Department of Mechanical Engineering, Sri Krishna College of Technology has attended the Faculty Development Program on "ADVANCES IN ENGINE COMBUSTION AND EMISSION DIAGNOSTICS" held from 05-10-2020 to 09-10-2020, through online mode, organized by the Department of Mechanical Engineering, NIT Andhra Pradesh.*

*Dr. Santhosh*  
Coord



**National Institute of Technology Andhra Pradesh**  
Tadepalligudem, Andhra Pradesh - 534102



सत्यमेव जयते  
Government of India  
Ministry of Human  
Resource Development

**Certificate of Participation**

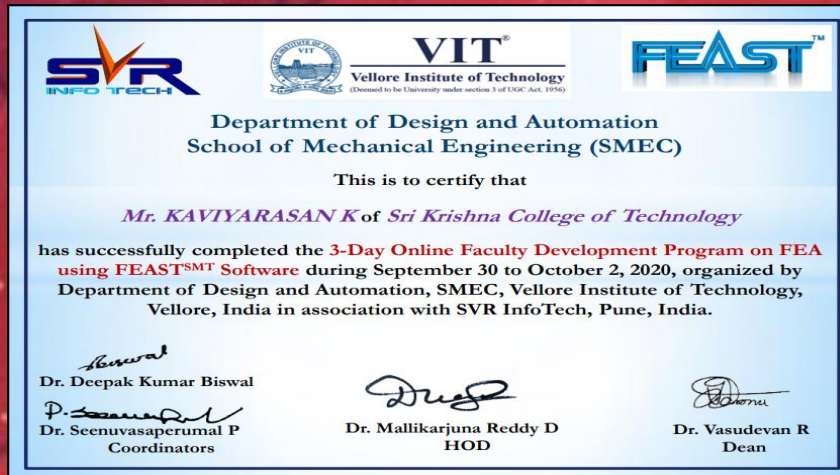
*This is to certify that Mr. Aravindkumar N, Assistant Professor in the Department of Mechanical Engineering, Sri Krishna College of Technology has attended the Faculty Development Program on "ADVANCES IN ENGINE COMBUSTION AND EMISSION DIAGNOSTICS" held from 05-10-2020 to 09-10-2020, through online mode, organized by the Department of Mechanical Engineering, NIT Andhra Pradesh.*

*Dr. Santhosh Kumar G*  
Coordinator

*Dr. Veeresh Kumar G B*  
HMED

Mr N Aravindkumar and Mr S Ramkumar, Asst. Professors, Dept. of Mechanical Engineering, attended an FDP on "Advances in Engine Combustion and Emission Diagnostics" organised by NIT Andhra Pradesh during 05-09 October 2020.



**MECH | FDP ON FEA USING FEAST SOFTWARE**

Mr K Kaviyarasan, Asst. Professor, Dept. of Mechanical Engineering, attended an FDP on “**FEA using FEAST Software**” organised by VIT, Vellore during 30 September-02 October 2020.

**MECH | WORKSHOP ON ADVANCEMENT IN DESIGN AND MATERIALS FOR PRODUCT DEVELOPMENT**

Dr S Santhosh, Assoc. Professor, Dept. of Mechanical Engineering, attended the International Virtual Workshop on “**Advancement in Design and Materials for Product Development**” organised by VIT, Vellore on 03-04 October 2020.



## CIVIL | WORKSHOP ON EMERGING TRENDS IN NANOTECHNOLOGY



TEQIP - III  
TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME



**5 Days TEQIP-III Sponsored Workshop  
On**

**“Emerging Trends in Nanotechnology (ETNT-2020)”**

Jointly Organized By  
Rajasthan Technical University, Kota

&  
Jaipur Engineering College and Research Centre, Jaipur

*Certificate of participation*

This is to certify that **Mr. Aravind T P A** of **Sri Krishna College of Technology** has attended one Week Workshop on “Emerging Trends in Nanotechnology (ETNT-2020)” held from September 21-25, 2020 in the Department of Electronics & Communication Engineering, Jaipur Engineering College & Research Center, Jaipur.

Prof. (Dr.) V. K. Chandna  
Convener  
ETNT-2020

Dr. Sandeep Vyas  
Convener  
ETNT-2020

Dr. Sanju Tanwar  
RTU Coordinator  
ETNT-2020

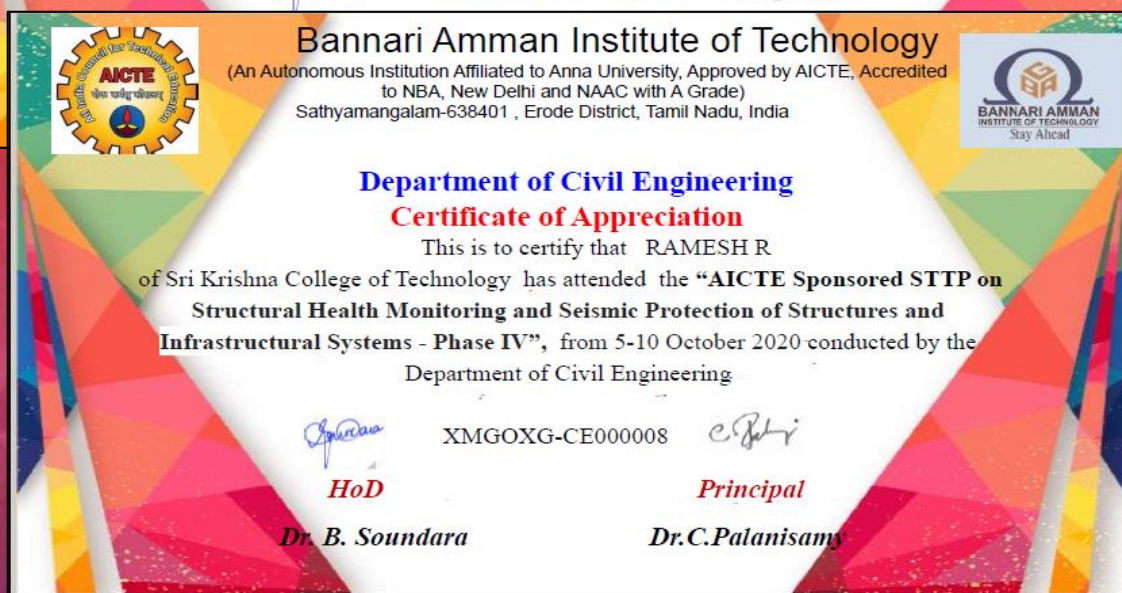
Ms. Ritambhara  
Coordinator  
ETNT-2020

Ms. Yazusha  
Coordinator  
ETNT-2020

Mr T P A Aravind, Asst. Professor, Dept. of Civil Engineering, attended a one-week workshop on “**Emerging Trends in Nanotechnology**” organised by Jaipur Engineering College & Research Center, Jaipur during 21-25 September 2020.

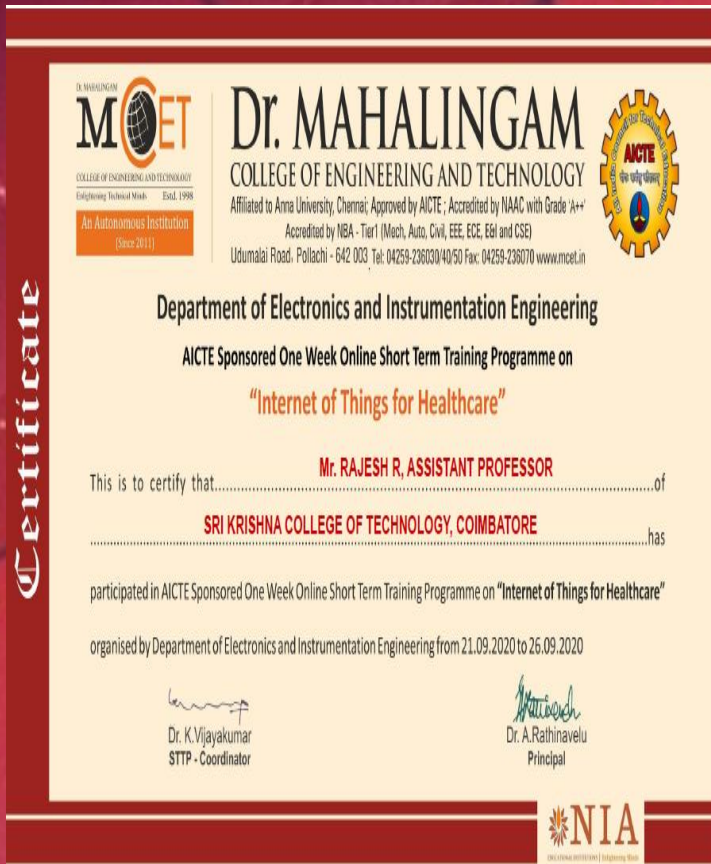


# CIVIL | STTP ON STRUCTURAL HEALTH MONITORING AND SEISMIC PROTECTION OF STRUCTURES AND INFRASTRUCTURAL SYSTEM



Dr V Sreevidya, Assoc. Professor and Mr R Ramesh, Asst. Professor, Dept. of Civil Engineering, attended the AICTE sponsored STTP on “Structural Health Monitoring and Seismic Protection of Structural and Infrastructural Systems” organised by Bannari Amman Institute of Technology, Sathyamangalam during 05-10 October 2020.

## ICE | STTP ON INTERNET OF THINGS FOR HEALTHCARE



Mr Rajesh R, Asst. Professor, Dept. of ICE, attended the AICTE sponsored one-week online Short Term Training Program on **"Internet of Things for Healthcare"** organised by Dr Mahalingam college of Engineering and Technology, Pollachi during 21-26 September 2020.

## IT | FDP ON SCIENTIFIC WRITING USING LATEX



Ms S Madumidha, Asst. Professor, Dept. of IT, attended a one-week Faculty Development Programme on **"Scientific Writing using Latex"** organised by BGSB University, Rajouri during 05-09 October 2020.



SPECIAL EDITION - 21

# MEETINGS & DISCUSSIONS



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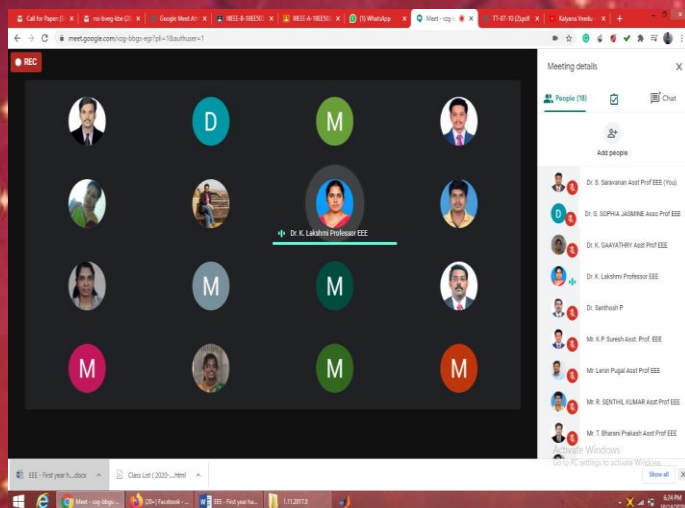
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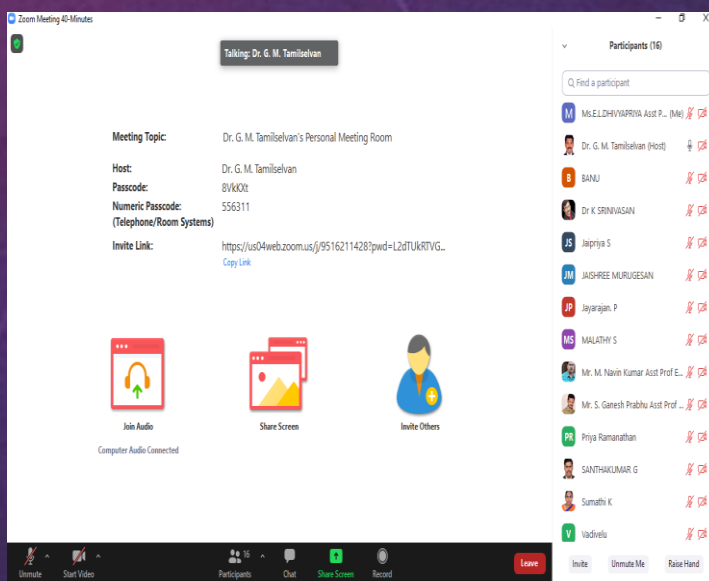
## EEE | DEPARTMENT MEETING



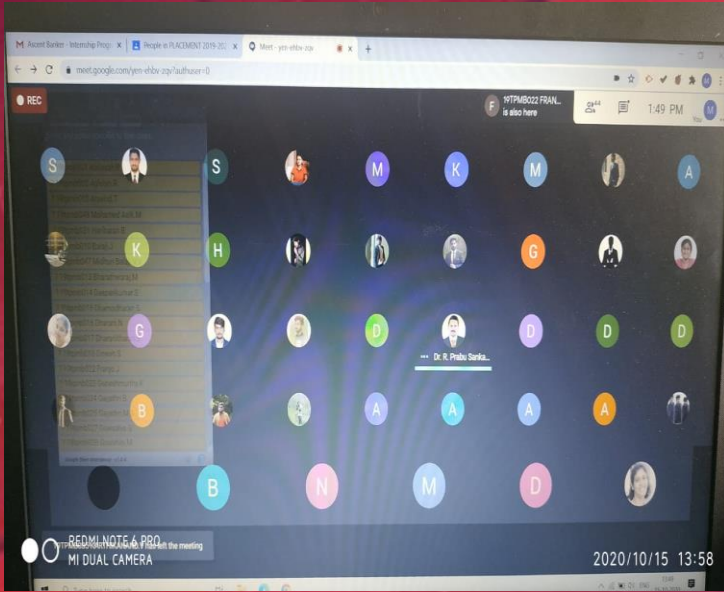
Dr K Lakshmi, Professor and Head, Dept. of EEE, conducted a meeting with the Members of Faculty regarding the Progress of Placement and Training Activities, R&D Proposal Submission, NITTT Status, Virtual Lab, AICTE-STTP Program, Syllabus Completion, Online Classes and Academic Activities on 14 October 2020.

## ECE | DEPARTMENT MEETING

Dr G M Tamilselvan, Professor and Head, Dept. of ECE, conducted a meeting with the Members of Faculty regarding the Virtual Labs, Placement and Research Activities on 16 October 2020.

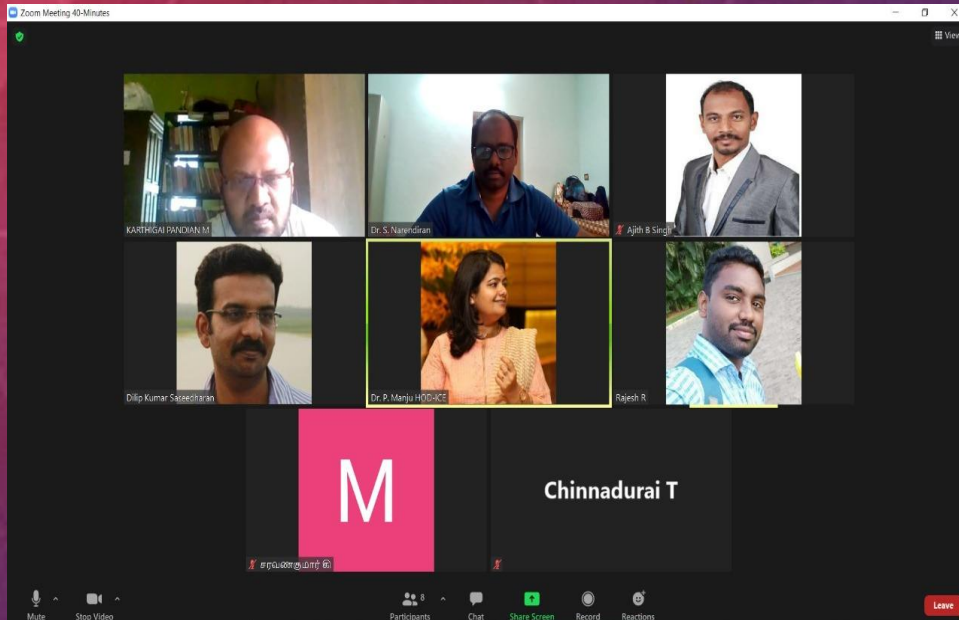


## SoM | MEETINGS & DISCUSSIONS



Dr M Padmavathi, Professor and Head, SoM, conducted a Placement Meeting for the Students of Second MBA on 15 October 2020.

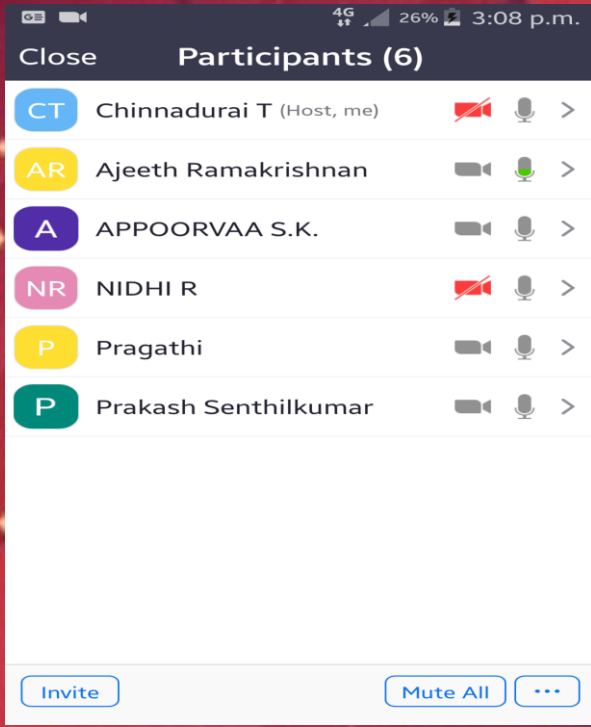
## ICE | DEPARTMENT MEETING



Dr P Manju, Professor and Head, Dept. of ICE, conducted a meeting with the Members of Faculty regarding the Laboratory Classes, Short Term Training Programme on 12 October 2020.



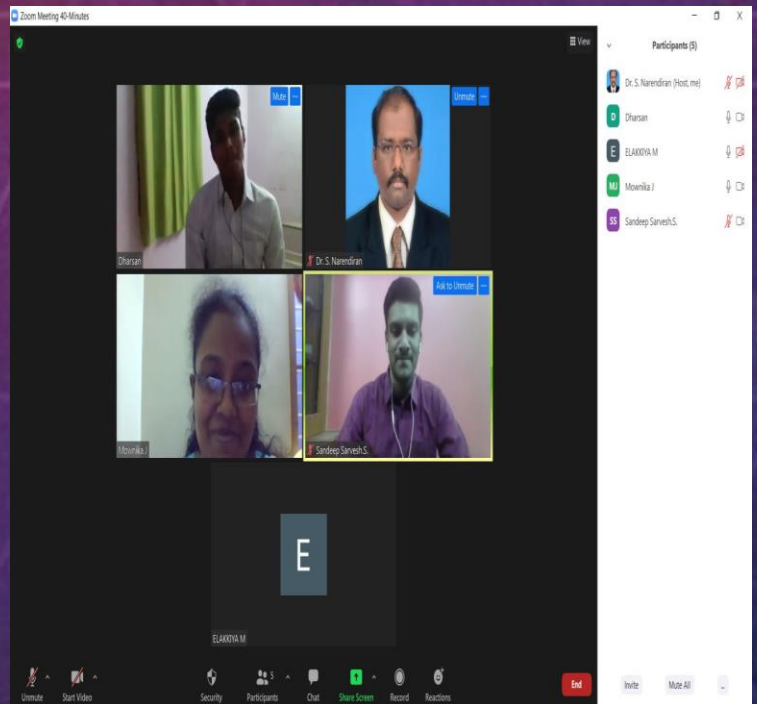
## ICE | PLACEMENT MOCK INTERVIEW



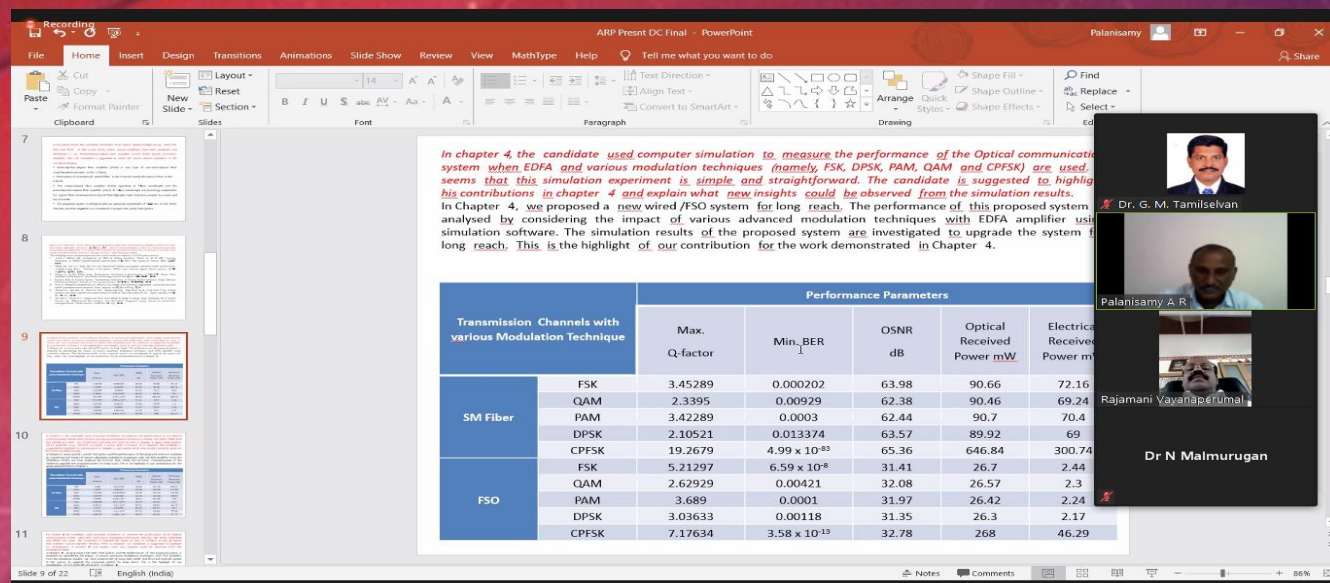
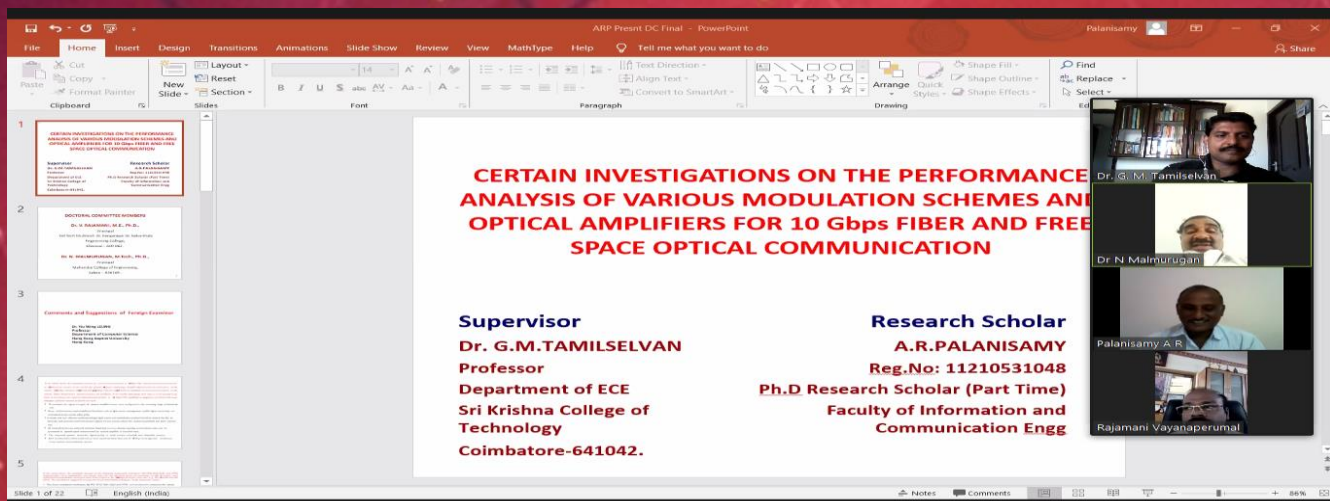
The Dept. of ICE conducted a Mock Interview for the Students of Final B.E. ICE. Ms Nidhi, Accenture Employee (2020 Batch) facilitated the session on 11 October 2020.

## ICE | PLACEMENT MOCK INTERVIEW

The Dept. of ICE conducted a Mock Interview for the Students of Final B.E. ICE. Ms Elakkiya M, Accenture Employee (2020 Batch) facilitated the session on 12 October 2020.



ECE | CENTRE FOR RESEARCH | DC MEETING



Mr A R Palanisamy, Ph.D. Scholar, under the supervision of Dr G M Tamilselvan, Professor and Head, Dept. of ECE, presented his Research Work on “Certain Investigations on the Performance Analysis of Various Modulation Schemes and Optical Amplifiers for 10Gpbs Fiber and Space Optical Communication” in the DC meeting at the Centre for Research, Dept. of ECE, SKCT on 16 October 2020.



SPECIAL EDITION - 21

# EVENTS ORGANISED



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COVID-19


COVID-19

## S&H | EVENTS ORGANISED | WEBINAR ON TEACHING 2.0 - INNOVATIVE ONLINE PEDAGOGIES




**SRI KRISHNA COLLEGE OF TECHNOLOGY**  
(An Autonomous Institution)  
KOVAIPUDUR, COIMBATORE - 641042

**Department of Science and Humanities**



### "TEACHING 2.0 - INNOVATIVE ONLINE PEDAGOGIES"

**(How to Conduct Engaging  
& Effective Online Teaching)**



**RESOURCE PERSON:**  
**Tr. Ganaga Sabapathy**  
(B.E. PGD in Psychology, MS (Psychotherapy)  
MBA (Education Management)  
Co-founder & Managing Director  
Entercon Pvt. Ltd.

**Date: 10.10.2020 (Saturday)**  
**Time: 10:30 AM to 12:00 PM**

**NO REGISTRATION FEE**

**Registration link:**  
<https://forms.gle/uPtmheiKushqvL97>

\*Link for the program (Zoom id) will be sent to the participants through the registered E-mail

**Eligible Participants: Any Teaching Faculty**

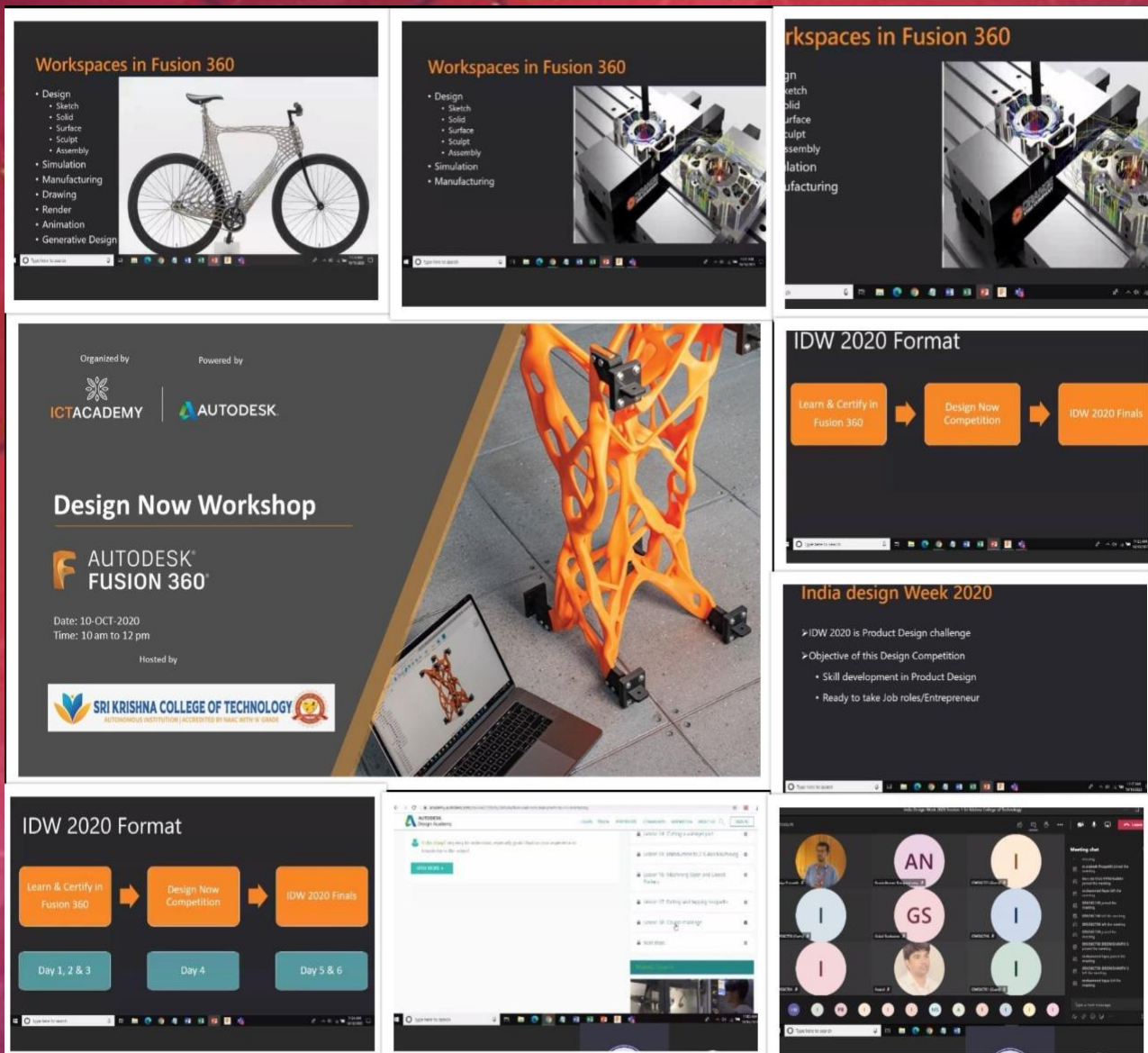
**E-Certificate will provided for the participants**

**Contact Details: Mr.Karthik.S, Asst. Prof.9443236558 karthik.s@skct.edu.in**

The Members of Faculty from the Dept. of Science and Humanities attended a one-day webinar on **"Teaching 2.0 - Innovative Online Pedagogies"**. Tr Ganaga Sabapathy, Co-founder & Managing Director, Entercon Pvt. Ltd. facilitated the session. Mr S Karthik, Asst. Professor, Dept. of S&H, coordinated the event on 10 October 2020.

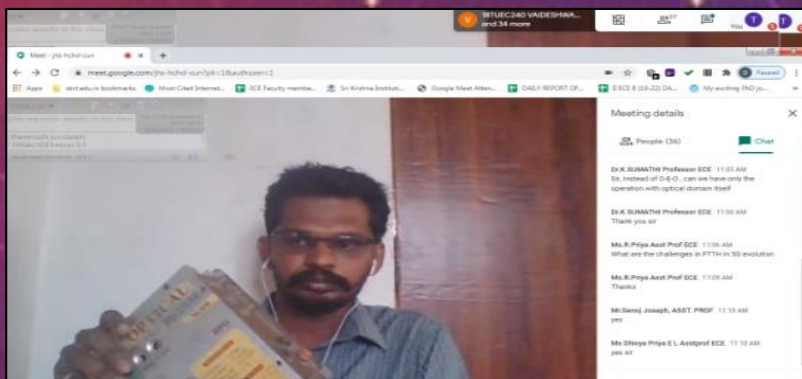
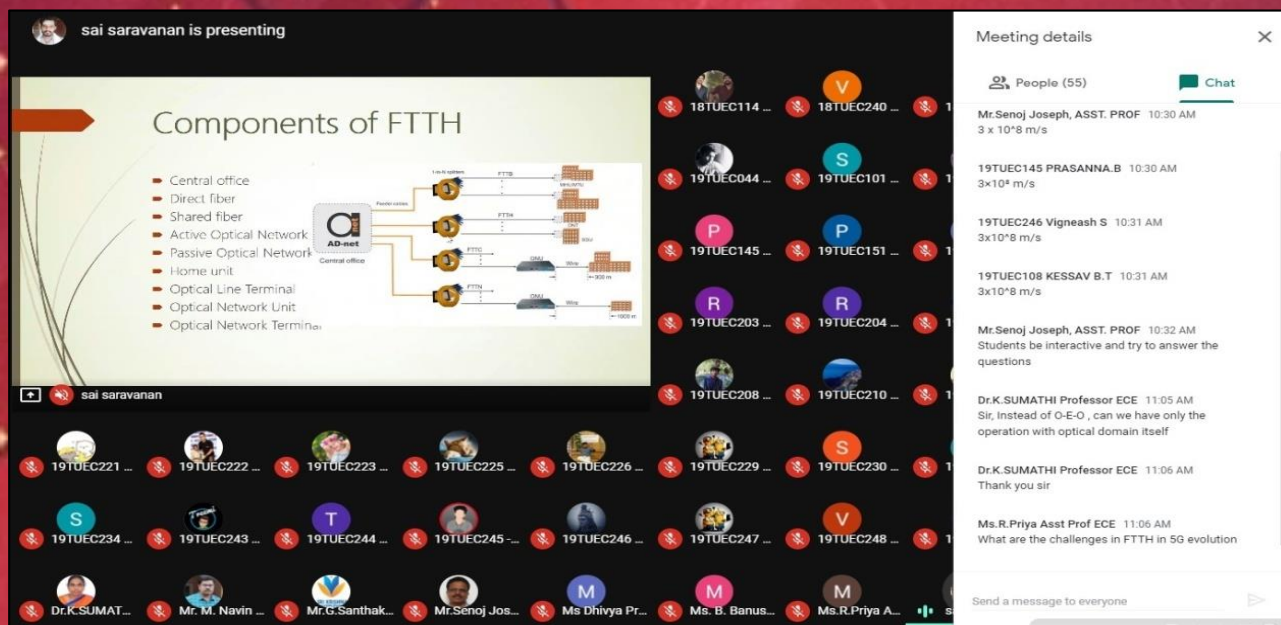


# MECH | EVENTS ORGANISED | WORKSHOP ON FUSION 360 SOFTWARE



The Dept. of Mechanical Engineering in association with the ICT Academy organised a workshop on **“Fusion 360 Software”**. Mr Mohamad Shereef, Trainer, ICT Academy facilitated the session. Students of Third B.E. Mechanical Engineering attended the session on 10 October 2020.

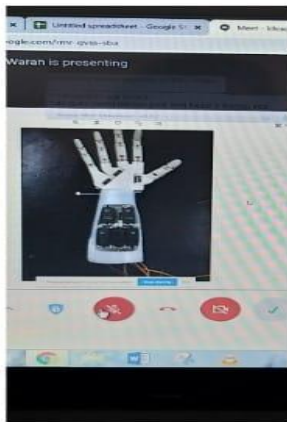
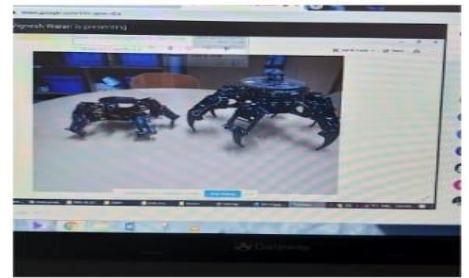
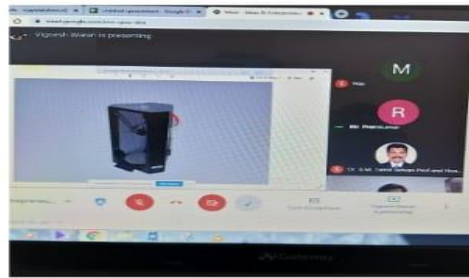
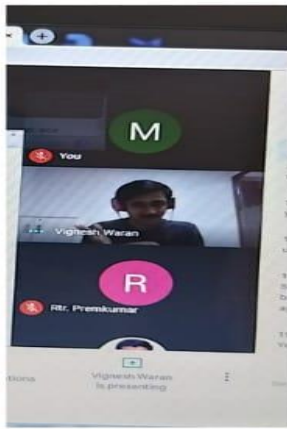
# ECE | EVENTS ORGANISED | WEBINAR ON GAUGING THE FUTURE OF FTTH (FIBRE TO THE HOME) TECHNOLOGY



The Dept. of ECE organised a webinar on “Gauging the Future of FTTH (Fibre To The Home) Technology”. Mr K Sai Saravanan, Associate - Quality Engineer, Cognizant CHIL-SEZ IT Park, Coimbatore facilitated the session. Dr K Sumathi, Professor, Ms S Thenmozhi and Ms Dhivya Priya E L, Asst. Professors, Dept. of ECE, coordinated the event on 10 October 2020.



# ECE | EVENTS ORGANISED | WEBINAR ON IDEAS AND ENTREPRENEURSHIP OPPORTUNITIES



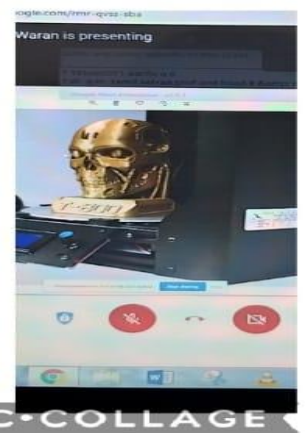

**SRI KRISHNA COLLEGE OF TECHNOLOGY**  
 [ AN AUTONOMOUS INSTITUTION ]  
 (APPROVED BY AICTE, AFFILIATED TO ANNA UNIVERSITY)  
 ROYALDISEN, COIMBATORE - 641 005  


**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
 (ACCREDITED BY NBA)  
**INSTITUTION'S INNOVATION COUNCIL (IIC)**  
  
**JOINTLY ORGANIZING AN INTERACTIVE SESSION**  
**IDEAS & ENTREPRENEURSHIP OPPORTUNITIES**


**RESOURCE PERSON**  
**MR. VIGNESHWARAN**  
 FOUNDER & CEO  
 VIRTUAL FRONTIER ROBOTICS

**DATE: 10.10.2020 (SATURDAY) | TIME: 03.00 PM TO 05.00 PM**  
<http://meet.google.com/rmr-qvss-sba>

<b>PRINCIPAL</b> Dr.SRINIVASAN ALAVANDAR	<b>HEAD OF THE DEPARTMENT</b> Dr.GM.TAMILSELVAN
<b>STAFF COORDINATOR</b> Mrs.N.VIJAYALAKSHMI	<b>STUDENT COORDINATOR</b> Mr.R.PREMKUMAR



PIC-COLLAGES

The Dept. of ECE in collaboration with Institution Innovation Council organised a webinar on “**Ideas and Entrepreneurship Opportunities**”. Mr Vigneshwaran, Founder & CEO, Virtual Frontier Robotics Company facilitated the session. Ms N Vijayalakshmi, Asst. Professor, Dept. of ECE, coordinated the event on 10 October 2020.

# EEE | PROGRAM ORGANISED | WEB TUTORIAL ON BUILDING REALTIME APPS WITH ANDROID

**SRI KRISHNA COLLEGE OF TECHNOLOGY**  
(An AUTONOMOUS INSTITUTION)  
Approved by AICTE | Affiliated to Anna University  
Accredited by NAAC 'A' grade  
Kovaipudur, Coimbatore - 641042

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
&  
**INSTITUTION'S INNOVATION COUNCIL (IIC)**  
CORDIALLY INVITES YOU FOR THE WEB TUTORIAL  
ON  
"Building Realtime Apps with Android -  
AN ASTOUNDING RISE IN MIDST OF COVID -19 PANDEMIC"

**Dr. B. Ezhilavan**  
Managing Director  
VEI Technologies,  
Chennai.

**10.10.2020**  
 **9:00 am**

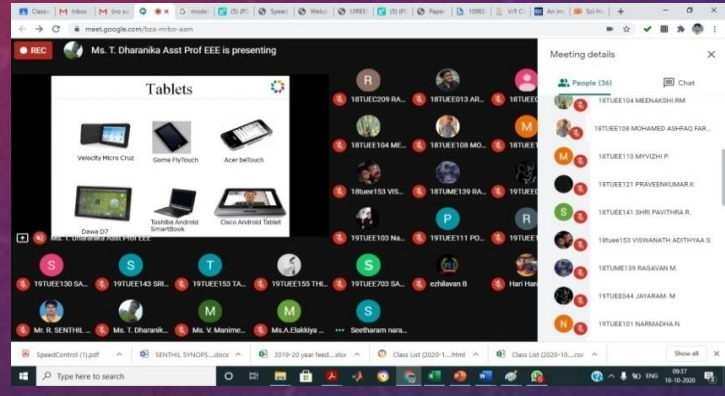
**Google Meet**

**Principal**  
Dr. Srinivasan Alavandar

**Head of the Department**  
Dr.K.Lakshmi

**Coordinators**  
Ms.T.Dharanika, AP/EEE  
Mr.Leninpugalhenth AP/EEE,  
Ms.A.Elakya AP/EEE

The Dept. Of EEE organised a web tutorial on **“Building Realtime Apps with Andriod - An Astounding Rise in Midst of COVID-19 Pandemic”** for the Students of EEE. Dr B Ezhilavan, Managing Director, VEI Technologies, Chennai served as the Resource Person on 10 October 2020.





**WORLD STUDENTS' DAY – 15 OCTOBER 2020**



**If you want to shine like a SUN,  
First burn like a SUN.**

**– Dr.A.P.J.Abdul Kalam**

**October 15**  
**World Students' Day**



**It Is Definitely Not Easy to Be a Good Student.  
It Demands  
Lots of Hard Work and Dedication.**

**Happy World Students' Day!**