SKCT
DIGEST

SPECIAL EDITION

EDITOR - IN - CHIEF

Dr Srinivasan Alavandar,
Principal

EDITORIAL TEAM

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

INSIDE THIS ISSUE

SPECIAL EDITION 10

Ph.D. VIVA VOCE

STAY HEALTHY
STAY SAFE
STAY AWAY

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SoM | Ph.D. VIVA VOCE
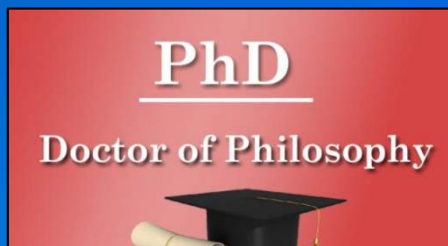
Ms Y Arul Sulochana, Asst. Professor, School of Management, defended her Ph.D. at Anna University Regional Campus, Coimbatore on 29 July 2020.

SPECIAL EDITION 10

STUDENTS' PARTICIPATION

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CIVIL | STUDENTS ACHIEVEMENTS |TANCET SCORE

Ms Sruthi Krishna, Alumnae, B.E. Civil (Batch 2013-2017), cracked TANCET 2020 conducted by Anna University, Chennai.

CSE | STUDENT ACHIEVEMENT | RESOURCE PERSON FOR WEBINAR ON BASICS OF PYTHON

Mr Vishnu Varthan Rao, Student of Third B.E. CSE C section, facilitated a webinar session on "**Basics of Python**" organised by Community Lead-Kaggle, Coimbatore on 26 July 2020.

CSE | STUDENT'S ACHIEVEMENTS | INTERSHIP OFFER

DATE: 26/07/2020

Letter of Appointment

With reference to your application for the Internship at Relic Avenues Private Limited (referred as Relic below) and the subsequent discussion, we are pleased to inform that you have been offered the following position (details below)

1. Position	React Native Intern
2. Location	Work from Home
3. Date of Joining	26/07/2020
4. Duration	Two months

In case the terms and conditions of this agreement are acceptable to you, please sign the duplicate copy of this letter as a token of your having understood and having accepted the terms and conditions of this Agreement and return the same.

From
Relic Avenues

Authorized Signatory
Yogesh Agarwal

DECLARATION

I have read and understood the above terms and conditions and agree to abide by them.

Signature:

Mr R Santhosh, Student of Third B.E. CSE C Section, has been selected for two-month internship programme as an **App Developer** at Relic Avenues Pvt. Ltd.

IT | STUDENT PARTICIPATION | WEBINAR ON DATA STRUCTURES LINKED LIST
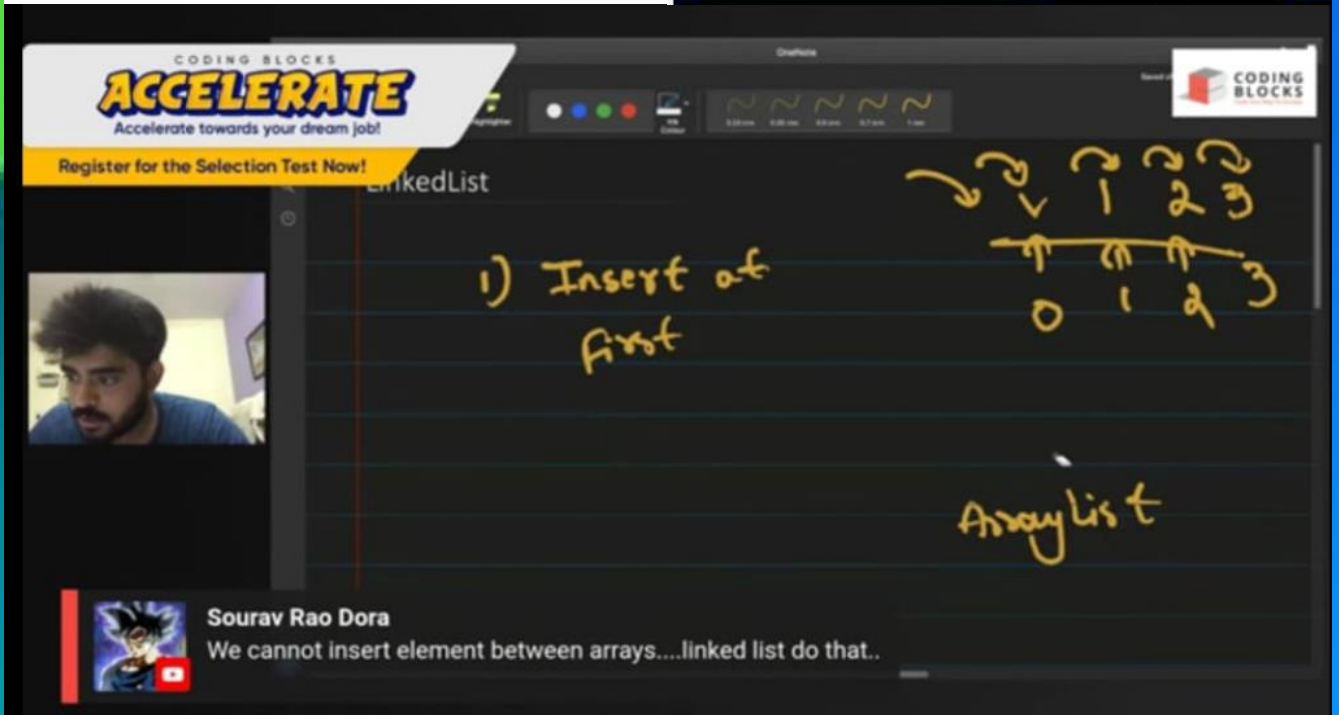
Students of Second B.Tech IT, attended a webinar on **"Data Structures - Linked List"** organised by Coding Blocks on 29 July 2020.

ECE | STUDENT CERTIFICATION | NEW INDIA LEARNATHON 2020

Mr G Karthikeyan and Mr V Dharun Prasad, Students of Second B.E. ECE A section, participated in **"New India Learnathon 2020"** organized by ICT Academy during May – June 2020.

ECE | STUDENT CERTIFICATION | NDG LINUX
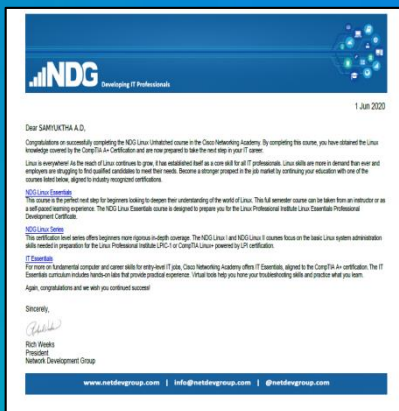
Ms A D Samyuktha, Student of Second B.E. ECE C section, completed Online course on **"NDG Linux"** offered by Cisco Networking Academy.

ECE | STUDENT CERTIFICATION | CRASH COURSE ON PYTHON

Ms I Sindhuja, Student of Second B.E. ECE C section, completed an Online **"Crash course on Python"** offered by Coursera.

ECE | STUDENT CERTIFICATION | QRIOUS -2K10 ONLINE QUIZ ON CURRENT AFFAIRS

Mr P Manikandan, Student of Third B.E. ECE B section, completed **"QRIOUS -2k10 online Quiz on current affairs"** organised by St. Joseph's Institute of Technology, Chennai on 25 July 2020.

CSE | STUDENT PARTICIPATION| WEBINAR ON IOT FOR SMART AUTOMATION

Mr R Tharun Prasaath, Student of Third B.E. CSE C Section, attended a webinar on **"IoT for Smart Automation"** organised by Sona college of Technology, Salem during 16-17 July 2020.
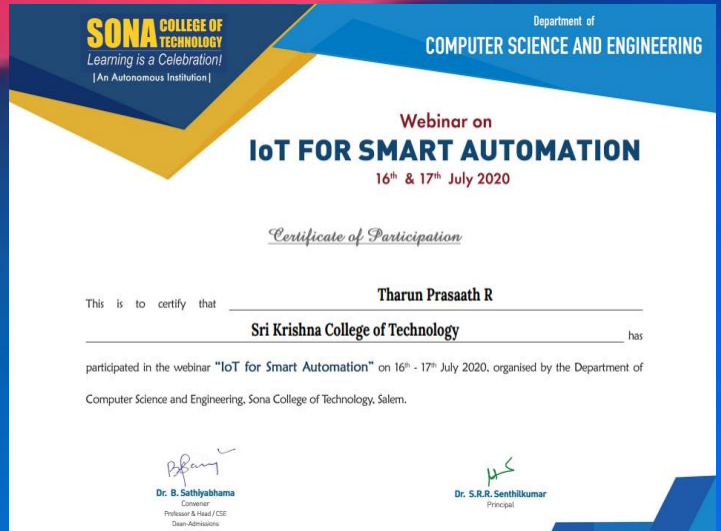
CSE | STUDENT CERTIFICATION | COMPLETE JAVA BOOTCAMP : GO FROM ZERO TO HERO WITH SPRING

Ms A Stephy Glady, Student of Third B.E. CSE C Section, completed an online course on **"Complete JAVA Bootcamp : Go from Zero to hero with Spring"** offered by Udemy on 05 July 2020.

CSE | STUDENT CERTIFICATION | MARKETING IN A DIGITAL WORLD

Mr Sri Vignesh, Student of Second B.E. CSE C Section, completed an online non-credit course on "**Marketing in a Digital World**" authorised by University of Illinois at Urbana-Champaign and offered through Coursera.

CSE | STUDENT CERTIFICATION | MODERN APPLICATION DEVELOPMENT IN AWS
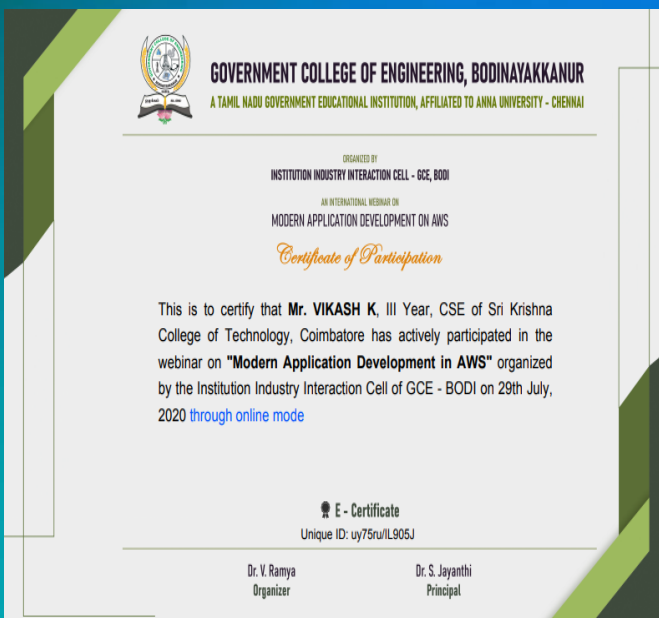
Mr K Vikash, Student of Second B.E. CSE C Section, attended a webinar on "**Modern Application Development in AWS**" organised by the Institution Industry Interaction Cell of GCE - BODI on 29 July 2020.

IT | STUDENT CERTIFICATION | BUILD DATA ANALYSIS TOOLS USING R AND DPVLYR
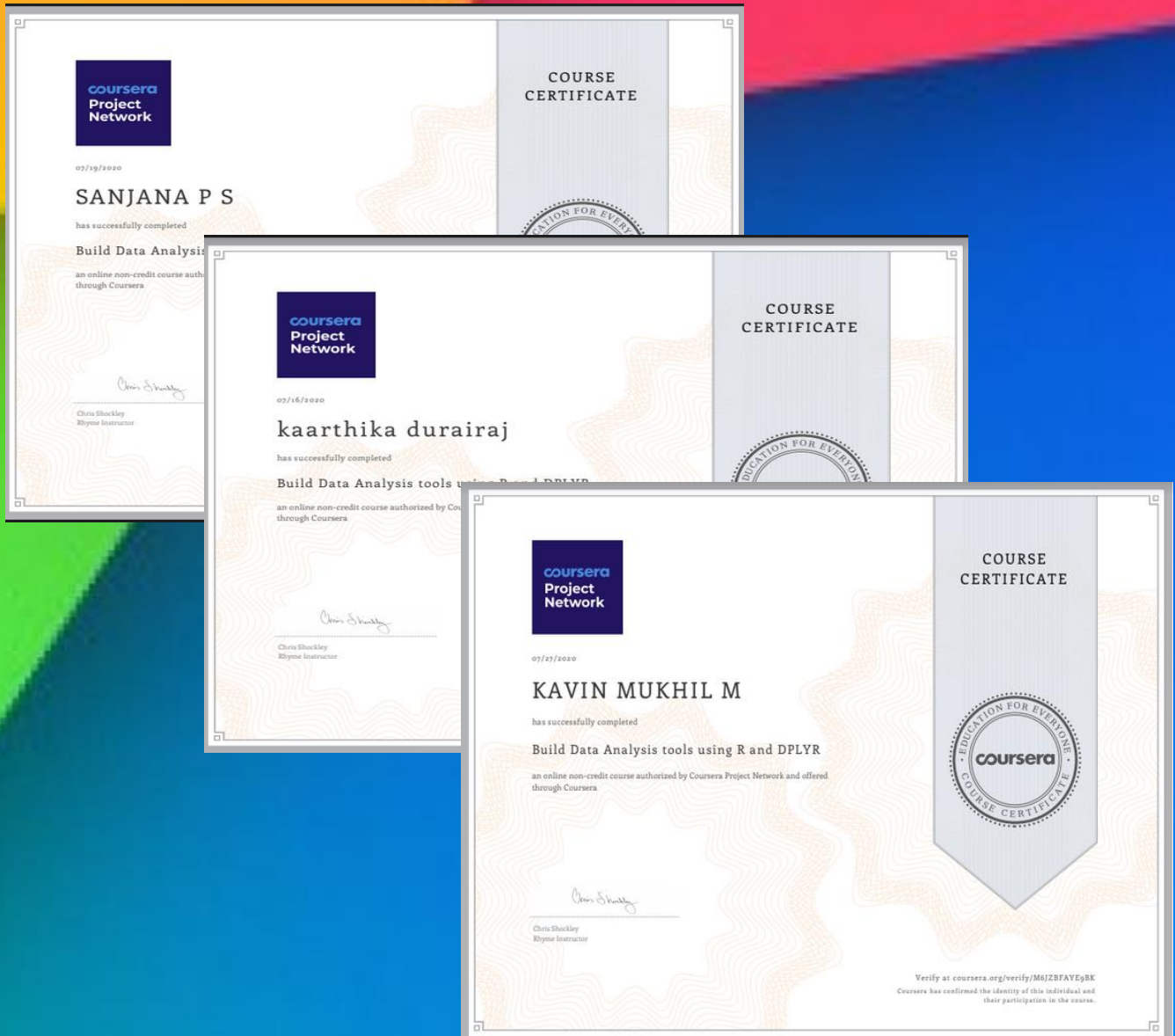
Seventy Students from Final B.Tech. IT completed an online course on **"Build Data Analysis Tools Using R and DPVLYR"** authorised by Coursera Project Network and offered by Coursera on 27 July 2020.

CIVIL | STUDENT PARTICIPATION | WEBINAR ON PATENT AND INDUSTRIAL APPLICATION PROCESS

Mr Sampruth Pirabakaran, Student of Third B.E. Civil Engineering, attended a webinar on **"Patent and Industrial Application Process"** organised by SKCT IPR Cell, Coimbatore on 27 July 2020.

IT | STUDENT CERTIFICATION | INTRODUCTION TO FLUTTER DEVELOPMENT USING DART

Mr R M Naveen, Student of Third B.Tech. IT A Section, completed the certification course on **"Introduction to Flutter Development using Dart"** conducted by The App Brewery on 28 July 2020.

EEE | STUDENT PARTICIPATION | NEW INDIA LEARNATHON 2020

Ms G Rithika, Student of Final B.E. EEE C, participated in a "**NEW INDIA LEARNATHON 2020**" organised by ICT Academy during May-June 2020.

MECH | STUDENT CERTIFICATION ON MACHINE LEARNING

Mr S Pradeepkumar, Student of Third B.E. Mech., completed a Machine Learning Course with 84% organised by Meritorium Knowledge Academy on 29 July 2020.

EEE | STUDENT PARTICIPATION | ENERGY SWARAJ FOUNDATION

SRI KRISHNA COLLEGE OF TECHNOLOGY
(An Autonomous Institution)
Accredited by NAAC with 'A' grade
Kovaipudur, Coimbatore – 641042, Tamilnadu.

In Association with

Energy Swaraj Foundation
Energy by Locals for Locals

Organizes a

Free Online Certification Energy Literacy Course on
"Learn how to design a Solar Home"
(Only for SKCTians)

Just, 3 Steps to complete the Course :

1. Watch the videos • https://energyswaraj.org/watch-training-videos.php
2. Attend the Quiz • https://energyswaraj.org/take-quiz.php?organization_id=organization_888
3. Get the Certificate • In your e-mail

Instructions to be followed :

* It is a self-paced course.
* There are 15 videos in the course. Students need to watch each and every video to successfully complete the course.
* Students must clear the quiz to get the certificate.
* There are in total 32 questions of 40 marks. To clear the quiz need to score at least 25 marks to be eligible for the certificate.
* Only 2 quiz attempts per participant will be allowed.

Co-ordinated by
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Conserve Energy !! Use Solar !! Adorn your Home with Green Energy !!

You can view the sample certificates which is to be distributed to your students — VIEW CERTIFICATE

You can view your students list — STUDENTS LIST

Count of your Students

378 Students Registered

233 Students Certified

The Department of EEE in association with AICTE is coordinating a free online course on **"Design a Solar System for Homes"** under the aegis of Energy Swaraj Foundation. Our Institution has become a partner organization and our institution's logo is published on their website.

EEE | STUDENT'S ACHIEVEMENT | ENERGY SWARAJ FOUNDATION ONLINE COURSE
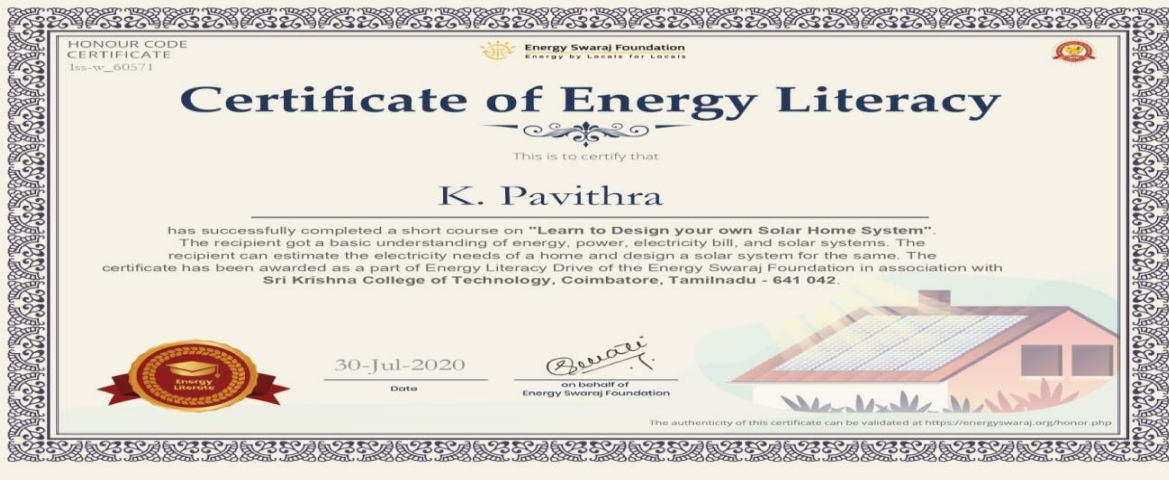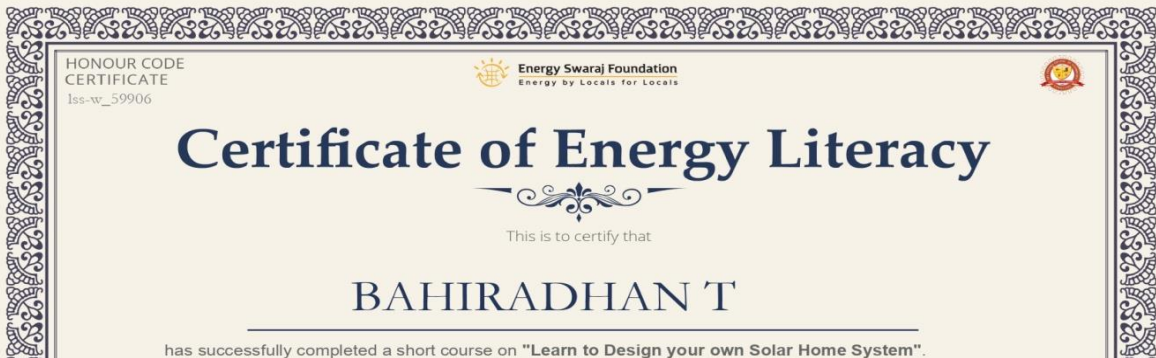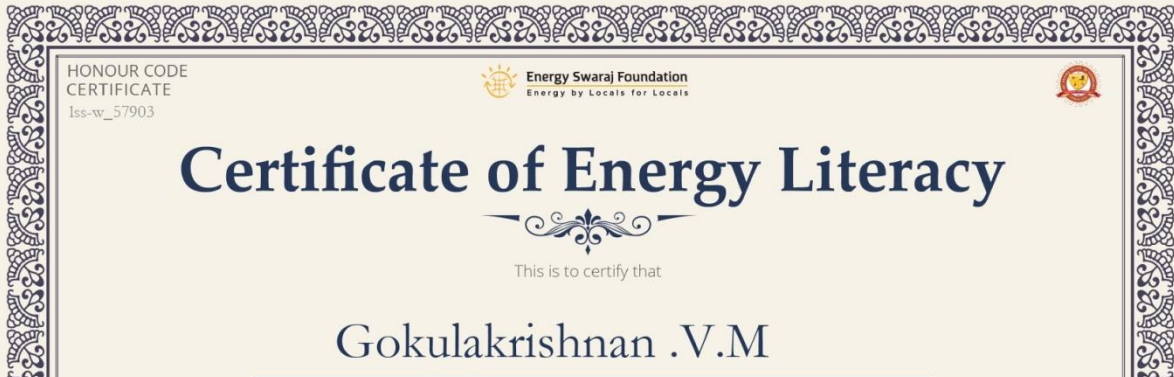
Students of B.E. EEE completed an online course on **"Learn to design your own solar home system"**. The certificate was awarded as a part of Energy Literacy Drive of the Energy Swaraj Foundation in association with Sri Krishna College of Technology, Coimbatore.

ECE | STUDENTS WEBINAR ON WEARABLE ELECTRONICS –TECHNOLOGY AND CHALLENGES

Mr P Manikandan and Mr M Kiran Seshi, Students of Third B.E. ECE B section, attended a webinar on **"Wearable Electronics – Technology and Challenges"** organised by PSG Institute of Technology and Applied Research, Coimbatore on 30 July 2020.

SPECIAL EDITION 10

FACULTY PARTICIPATIONS

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CIVIL| FACULTY ACHIEVEMENT | RESOURCE PERSON FOR ONLINE FDP

Dr. V. Sreevidya
Associate Professor
Dept. of Civil
Engineering

Dr V Sreevidya, Assoc. Professor, Dept. of Civil Engineering, served as a Resource Person for an Online FDP on **"Precast and Prestressed Concrete Structures"** organised by Dr N G P Institute of Technology, Coimbatore on 23 July 2020.

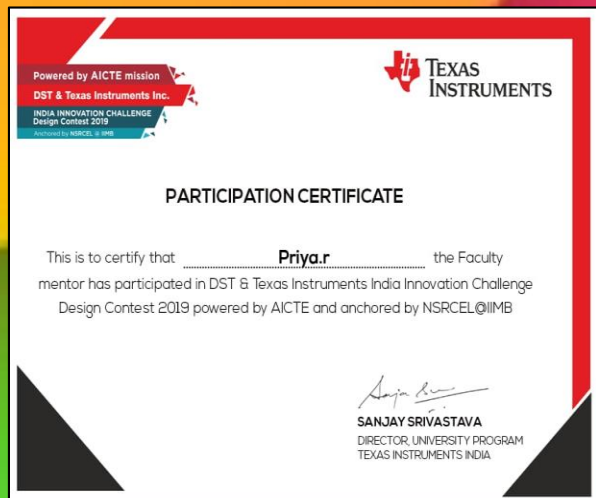# ECE | FACULTY MENTOR IN DST & TEXAS INSTRUMENTS

Ms R Priya, Asst. Professor, Dept. of ECE, has been certified as **Faculty mentor in DST & Texas Instruments** India Innovation Challenge Design Contest.

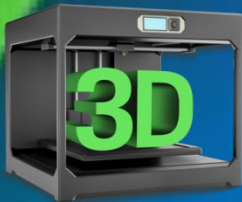# IT | FACULTY CERTIFICATION | CRASH COURSE ON PYTHON

Dr D Jeyabharathi, Asst. Professor, Dept. of IT, completed **"Crash Course on Python"** authorized by Google and offered by Coursera on 25 July 2020.

CIVIL | ONLINE COURSE ON 3D PRINTING IN CONCRETE CONSTRUCTION

CERTIFICATE
PROUDLY PRESENTED TO

Dr. SREEVIDYA V

3D Printing in Concrete Construction

Jul 12, 2020 — Date of Completion

UltraTech Cement Ltd. — Organizer

UltraTech
INDIA'S NO.1 CEMENT

Dr V Sreevidya, Assoc. Professor, Dept. of Civil Engineering, completed a course on "**3D Printing in Concrete Construction**" organised by UltraTech Cements Ltd. on 12 July 2020.

IT | FACULTY CERTIFICATION | AI FOR EVERYONE

Dr T Rajesh Kumar, Assoc. Professor, Dept. of IT, completed an online course on **"AI for Everyone"** authorized by deeplearning.ai and offered by Coursera on 23 July 2020.

deeplearning.ai — COURSE CERTIFICATE

07/23/2020

RAJESH KUMAR T

has successfully completed

AI For Everyone

an online non-credit course authorized by deeplearning.ai and offered through Coursera

coursera

CSE | ONLINE QUIZ ON AUGMENTED REALITY / VIRTUAL REALITY

KUPPAM ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to JNTUA, Anantapuramu, Recognized of UGC 2(f) & 12(b))
KES Nagar, Kuppam – 517 425, Chittoor Dist., Andhra Pradesh. Ph. 08570-256966, www.kec.ac.in

Certificate of Appreciation

Dr. R. KARTHIK, Asst. Professor

of Sri Krishna College of Technology, Coimbatore has actively participated and passed

Online Quiz with a score of 90% in the National Webinar on "A Curtain raiser on

Immersive Technology - Augmented Reality / Virtual Reality" held on 25th July

2020 organized by Department of Computer Science & Engineering, Kuppam

Engineering College, Kuppam, Chittoor District, Andhra Pradesh.

Convenor

Principal

Dr R Karthik, Asst. professor, Dept. of CSE, participated in an online quiz and attended a National Webinar on "**A Curtain raiser on Immersive Technology - Augmented Reality / Virtual Reality**" organised by Kuppam Engineering College, Kuppam, Andhra Pradesh on 25 July 2020.

CSE | LIVE SESSION ON IMPACT OF COMMUNICATION ON CAREER

Dr M Deva Priya, Assoc. Professor, Dept. of CSE, participated in a Live session on **"Impact of Communication on Career"** organised by Regional College & Deepshika Group of Colleges, Jaipur during 09 -10 July 2020.

CSE | SESSION ON PATENT PROSECUTION CHALLENGE AND STRATEGIES IN INDIA

Ms Viraja Ravi, Asst. Professor, Dept. of CSE, participated in a session on **"Patent Prosecution Challenge and Strategies in India"** organised by the Frontiers Legal and Turnip Innovations on 25 July 2020.

IT | FACULTY CERTIFICATION | THE DATA SCIENTIST'S TOOLBOX

Ms V Roopa, Asst. Professor, Dept. of IT, completed an online course on **"The Data Scientist's Toolbox"** authorised by Johns Hopkins University and offered by Coursera on 14 July 2020.

CIVIL | FACULTY CERTIFICATION | SMART CITIES-MANAGEMENT OF SMART URBAN INFRASTRUCTURES

Dr V Sreevidya, Assoc. Professor, Dept. of Civil, completed an Online course on "**Smart Cities - Management of Smart Urban Infrastructures**" offered by **COURSERA.**
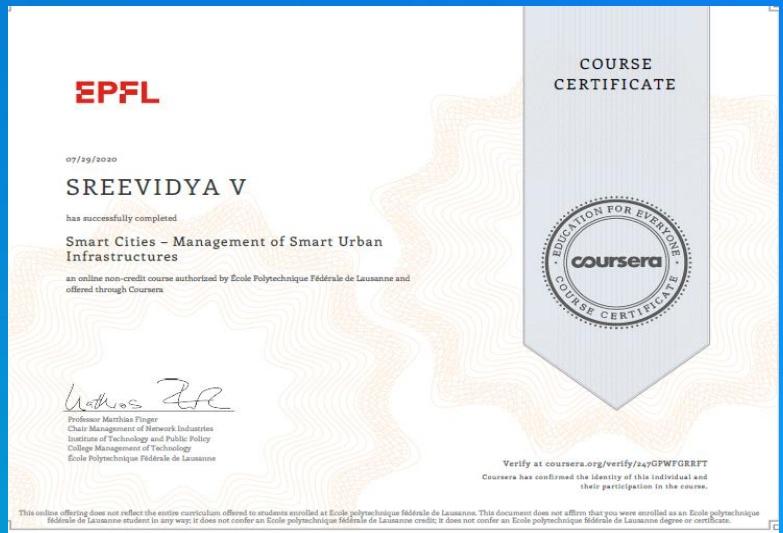
EEE | FACULTY ACHIEVEMENT | CERTIFICATE OF APPRECIATION

Dr S Saravanan, Asst. Professor, Dept. of EEE, served as a Resource Person for a five-day e-Workshop on "**Applications of Power Electronic Converters in Renewable Energy Sources**" organised by the Dept. of EEE, SV College of Engineering, Tirupati in association with ISTE on 24 July 2020.

EEE | FACULTY PARTICIPATION| ONLINE SHORT TERM COURSE ON DEEP LEARNING

Dr P Santhosh, Asst. Professor, Dept. of EEE, participated in an Online Short Term Course on "**Deep Learning**" organised by IEEE Computer Society during 06-10 July 2020.

SPECIAL EDITION 10

NEW VISTAS OF LEARNING

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MECH | WEBINAR ON ENERGY CONSERVATION AND ENERGY EFFICIENCY MEASURES IN FOUNDRIES WITH CASE STUDIES
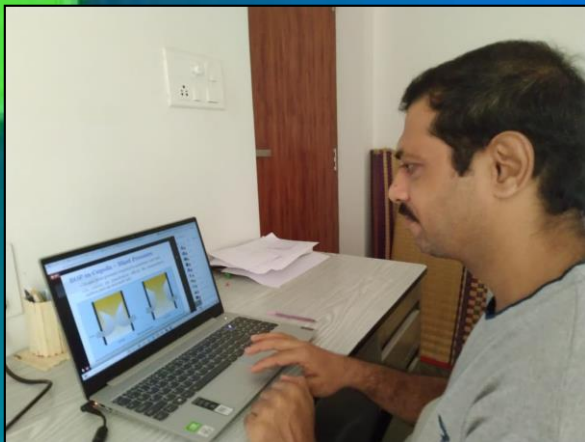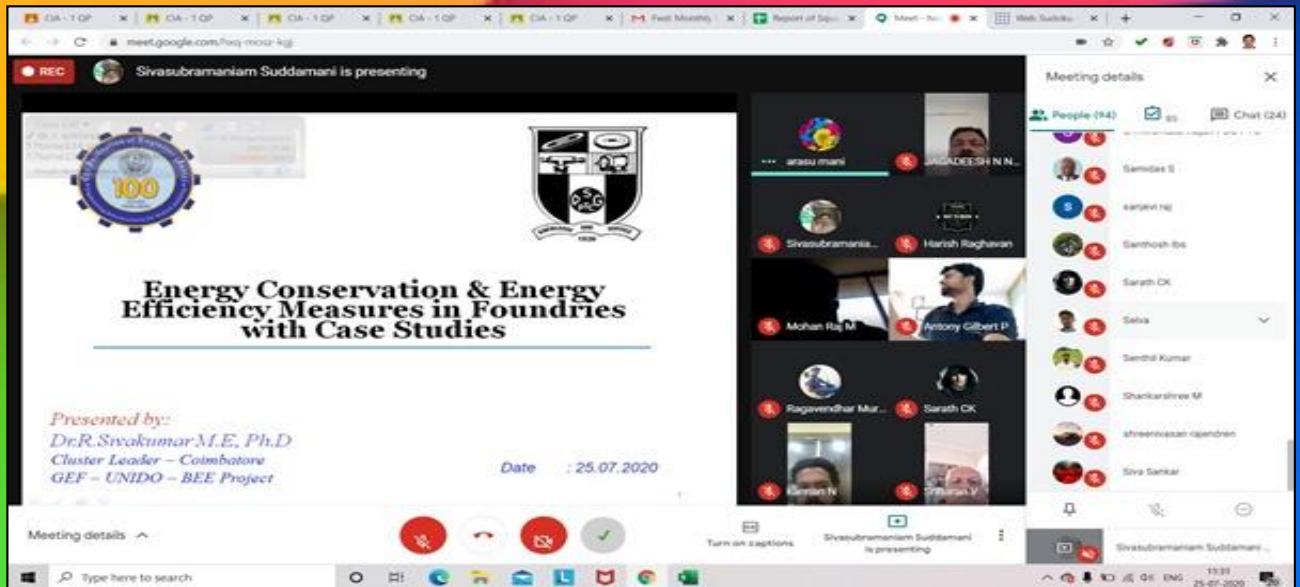
Dr R Srinivasan, Professor, Dept. of Mechanical Engineering, attended a webinar on **"Energy Conservation and Energy Efficiency Measures in Foundries with Case Studies"** jointly organised by The Institution of Engineers (India) Coimbatore Local Centre and The Dept. of Foundry Technology, PSG Polytechnic College, Coimbatore on 25 July 2020.

ECE | WEBINAR ON SIMULATION TOOL FOR WIRELESS AND SENSOR NETWORKS

Ms M Jaishree, Asst. Professor, Dept. of ECE, attended a webinar on **"Simulation Tool for Wireless and Sensor Networks"** organized by Francis Xavier Engineering College, Tirunelveli on 26 July 2020.

ECE | WEBINAR ON ROLE OF ENGINEERING SIMULATION IN PRODUCT DESIGN
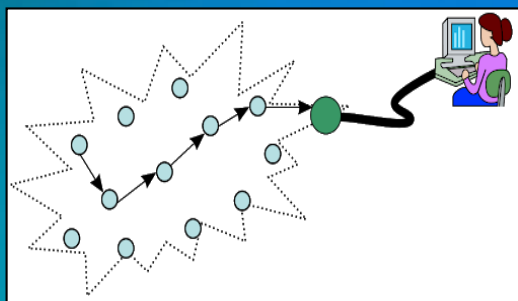
Dr S Malathy, Professor, Dept. of ECE, attended a webinar on **"Role of Engineering Simulation in Product Design"** organized by Chennai Institute of Technology, Chennai on 24 July 2020.

IT | WEBINAR ON PATENT AND INDUSTRIAL DESIGN APPLICATION PROCESS

Ms V Roopa, Asst. Professor, Dept. of IT, participated in an online webinar on **"Patent and Industrial Design Application Process"** organized by Sri Krishna College of Technology, Coimbatore on 27 July 2020.

ECE | WEBINAR ON DATA SCIENCE IN INDUSTRIAL APPLICATION

Dr K Sumathi, Professor, Dept. of ECE, attended a webinar on **"Data Science in Industrial Application"** organized by PSG Institute of Technology and Applied Research, Coimbatore on 25 July 2020.

IT | WEBINAR ON PATENT PROSECUTION CHALLENGES AND STRATEGIES IN INDIA

Dr R Suganya, Asst. Professor, Dept. of IT, attended a session on **"Patent Prosecution Challenges and Strategies in India"** organised by The Frontiers Legal and Turnip Innovations on 25 July 2020.

MECH | WEBINAR ON RESEARCH PERSPECTIVE IN ADDITIVE MANUFACTURING

Mr K S Raghul, Mr R Harikrishnan and Mr S Ram Kumar, Asst. Professors, Dept of Mechanical Engineering, attended a three - day webinar on **"Research Perspective in Additive Manufacturing"** organized by Dr N G P Institute of Technology, Coimbatore during 22 - 24 July 2020.

ECE | WEBINAR ON FUTURE OF DATA TRANSMISSION –LIFI

Dr K Sumathi, Professor, Dept. of ECE, attended a webinar on **"Future of Data Transmission–Lifi"** organized by Sri Eshwar College of Engineering, Coimbatore on 25 July 2020.

ECE | WEBINAR ON EFFICIENT ENERGY AUDITING TECHNIQUES

Dr S Malathy, Professor, Dept. of ECE, attended a webinar on **"Efficient Energy Auditing Techniques"** organized by Rajalakshmi Engineering College, Chennai on 26 July 2020.

ICE| WEBINAR ON ROBOTICS-CONNECTING ENGINEERING MINDS

Mr S Dilip Kumar, Asst. Professor, Dept. of ICE, attended a webinar on "**Robotics-Connecting Engineering Minds**" facilitated by Dr S K Saha , IIT Delhi on 28 July 2020.

IT | RECENT TRENDS IN NANOMATERIALS SYNTHESIS AND APPLICATIONS

RTNSA 2020

First International Virtual Conference on

"Recent Trends in Nanomaterials Synthesis & Applications"

16-18 July 2020

Certificate of Participation

This is to certify that

Dr. D. Jeyabharathi

of

SRI KRISHNA COLLEGE OF TECHNOLOGY

has actively participated at the First International Virtual Conference **RTNSA-2020** organized by the Department of Chemistry, Madanapalle Institute of Technology & Science, Madanapalle, Andhra Pradesh, India.

www.mits.ac.in

Patron & Principal
Prof. C. Yuvaraj

Convenor
Dr. Ashok Kumar Das

Convenor
Dr. Sumanta Sahoo

Dr D Jeyabharathi, Asst. Professor, Dept. of IT, participated in the First International Virtual Conference on **"Recent Trends in Nanomaterials Synthesis and Applications"** organised by Madanapalle Institute of Technology and Science, Andra Pradesh during 16-18 July 2020.

SoM WEBINAR ON POWER AND RESPONSIBILITY
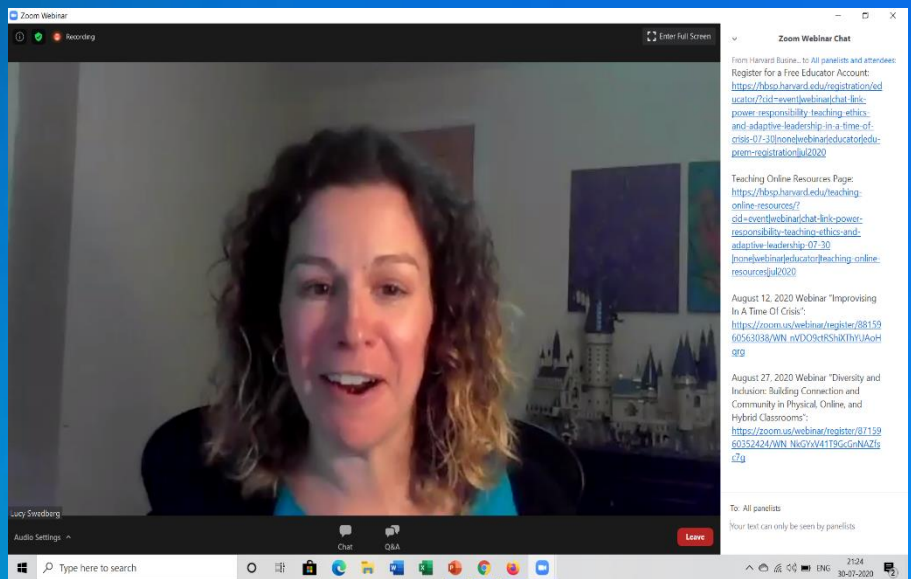
The Members of Faculty in the School of Management, SKCT attended a webinar on **"Power and Responsibility: Teaching Ethics and Adaptive Leadership in a Time of Crisis"** organised by Harvard Business Publishing.

CSE | WEBINAR ON RECENT TRENDS IN IMAGE ENHANCEMENT TECHNIQUES

Mr S Sam Peter, Asst. Professor, Dept. of CSE, participated in a two-day webinar on "**Recent Trends in Image Enhancement Techniques**" organised by SMK FORMA Institute of Technology, Chennai during 15 - 16 July 2020.

IT | WEBINAR ON IOT ON AUTOMOTIVE

Mr A Sureshkumar, Asst. Professor, Dept. of IT, participated in an online webinar on **"IOT on Automotive"** organised by Rathinam Technical Campus, Coimbatore on 29 July 2020.

CIVIL | WEBINAR ON PATENT AND INDUSTRIAL DESIGN APPLICATION PROCESS

The Members of Faculty from the Dept. of Civil Engineering attended a webinar on " **Patent and Industrial Design Applications Process"** organised by SKCT IPR Cell, Coimbatore on 27 July 2020.

CSE | WEBINAR ON DATA SCIENCE IN INDUSTRIAL APPLICATIONS

Ms P Anantha Prabha, Asst. Professor, Dept. of CSE, attended a webinar on **"Data Science in Industrial Applications"** on 25 July 2020 organised by PSG Institute of Technology and Applied Research, Coimbatore on 25 July 2020.

CIVIL | WEBINAR ON LIGHT WEIGHT CONCRETE

Dr V Sreevidya, Assoc. Professor, Dept. of Civil Engineering, attended an International Webinar on **"LIGHT WEIGHT CONCRETE"** organised by GMR Institute of Technology, Kakinada in association with Lucas Industry, Germany during 28-29 July 2020.

EEE | FACULTY PARTICIPATION ON NATIONAL LEVEL VIRTUAL WEBINAR
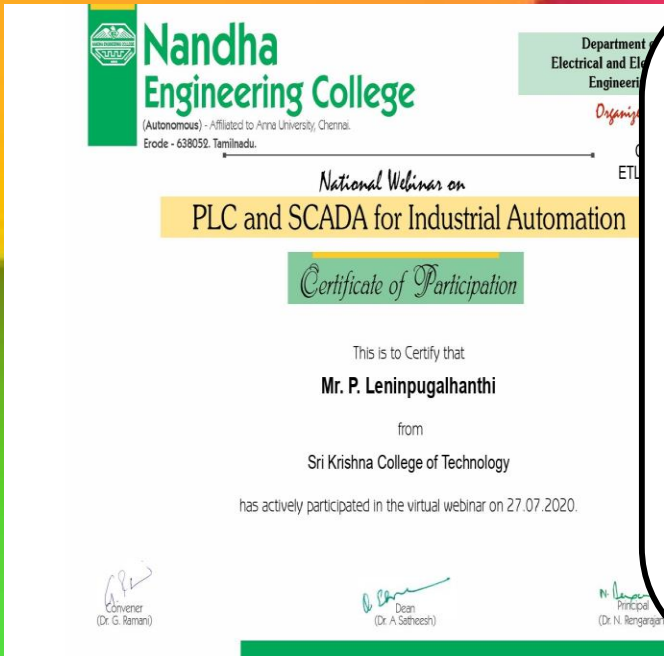
Mr P Leninpugalhanthi, Asst. Professor, Dept. of EEE, participated in the National Level Virtual Webinar on "**PLC and SCADA for Industrial Automation**" organised by the Dept. of EEE, Nandha Engineering College, Erode on 27 July 2020.

EEE | FACULTY PARTICIPATION ON PRODUCT LIFECYCLE MANAGEMENT

Dr P Santhosh, Asst. Professor, Dept. of EEE, attended a webinar on "**Product Lifecycle Management**" organised by Sri Eshwar College of Engineering, Coimbatore on 10 July 2020.

ECE | WEBINAR ON WEARABLE ELECTRONICS – TECHNOLOGY AND CHALLENGES

Dr S Malathy and Dr K Sumathi, Professors, and Ms G Anitha, Ms N Vijayalakshmi and Ms S Kiruthiga, Asst. Professors, Dept. of ECE, attended a webinar on **"Wearable Electronics –Technology and Challenges"** organised by PSG Institute of Technology and Applied Research, Coimbatore on 30 July 2020.

ECE | WEBINAR ON OPPORTUNITIES AFTER COVID19

Mr R R Thirunavukkarasu, Asst. Professor, Dept. of ECE, attended a webinar on **"Opportunities after COVID19"** organised by Chennai Institute of Technology, Chennai on 27 July 2020.

ECE | WEBINAR ON INTERNET OF THINGS: ARCHITECTURE, APPLICATIONS AND FUTURE TRENDS

Dr K Sumathi, Professor, Dept. of ECE, attended a webinar on **"Internet of Things: Architecture, Applications and Future Trends"** organised by KPR Institute of Engineering and Technology, Coimbatore on 28 July 2020.

ECE | WEBINAR ON RF SYSTEM ENGINEERING

Mr G Santhakumar, Asst. professor, Dept. of ECE attended a program on **"RF system Engineering"** organised by Tesla Minds on 24 July 2020.
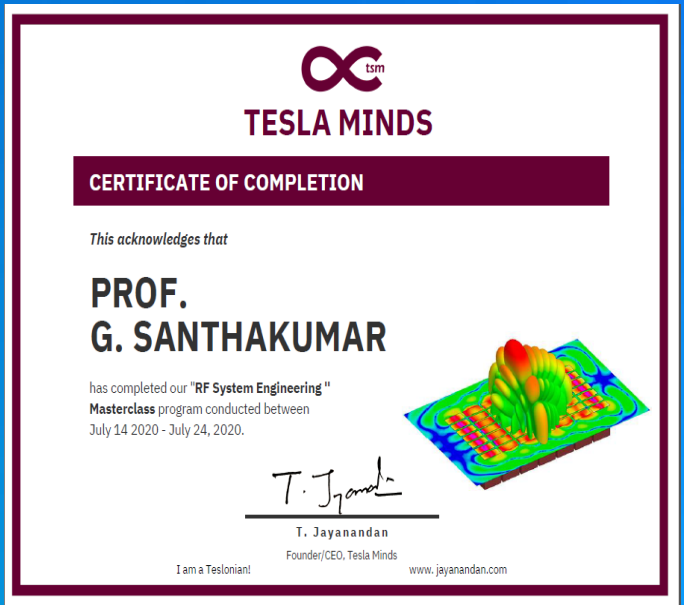
IT | WEBINAR ON AI AUGMENTING HUMAN CAPABILITIES ACROSS THE CARE DELIVERY VALUE CHAIN
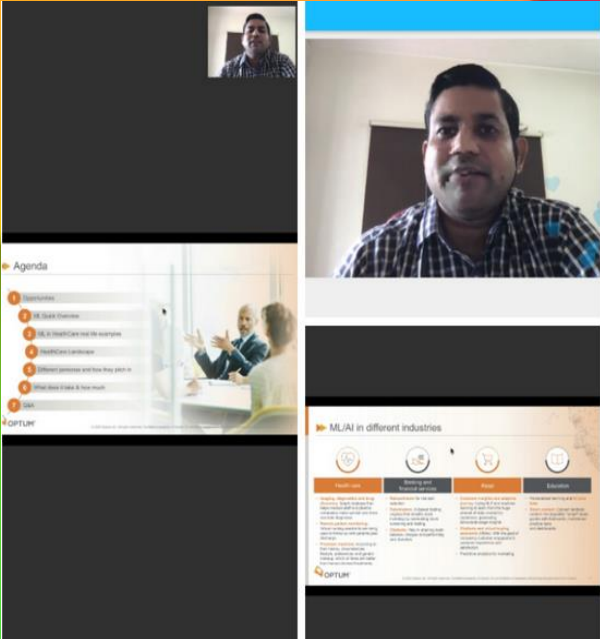
Ms K Sindhumeena, Asst. Professor, Dept. of IT, attended an online webinar on **"AI Augmenting Human Capabilities Across the Care Delivery Value Chain"** organised by TechGig on 30 July 2020.

IT | WEBINAR ON WEB DEVELOPMENT USING REACTJS

Ms S Priyadharshini, Asst. Professor, Dept. of IT, attended an online webinar on **"Web Development using ReactJS"** organised by Karunya Institute of Technology and Sciences, Coimbatore on 30 July 2020.

IT | WEBINAR ON SAY HELLO! TO CONTAINERS AND KUBERNETES

Dr R Suganya, Asst. Professor, Dept. of IT, attended an online session on **"Say Hello! to Containers and Kubernetes"** organised by RedHat on 31 July 2020.

IT | WEBINAR ON SYSTEM ENGINEERING

Ms V Roopa, Asst. Professor, Dept. of IT, attended an online webinar on **"System Engineering"** organised by Dassault Systems on 30 July 2020.
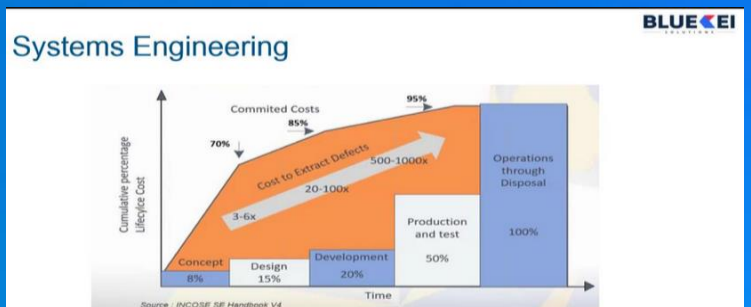
EEE | WEBINAR ON PRACTICAL APPROACH ON INDUSTRY 4.0 & ITS IMPLEMENTATIONS IN SMART CITIES

Dr K Gaayathry, Asst. Professor, Dept. of EEE, attended a one-day online webinar on **"A Practical Approach on Industry 4.0 & its Implementation in Smart Factories"** organised by the Dept. of Mechanical Engineering, Mahatma Gandhi Institute of Technology, Hyderabad on 26 July 2020.

SPECIAL EDITION 10

WORKSHOPS ATTENDED

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IT | WORKSHOP ON ALIGNING YOURSELF TO THE PUBLISHING PROCESS

Researcher Academy On Campus

Certificate of Attendance

This certifies that

JEYABHARATHI Duraipandy

has attended the following

Two Day Workshop on "Aligning Yourself to the Publishing Process"

at Elsevier,
on Friday 24 July, 2020
Presented by Vishal Gupta, Customer Consultant, Lavanya Trikha, Account Manager- Inside Sales

Vishal Gupta
Customer Consultant- South Asia, Elsevier

Philippe Terheggen
Managing Director, Science, Technology & Medical Journals
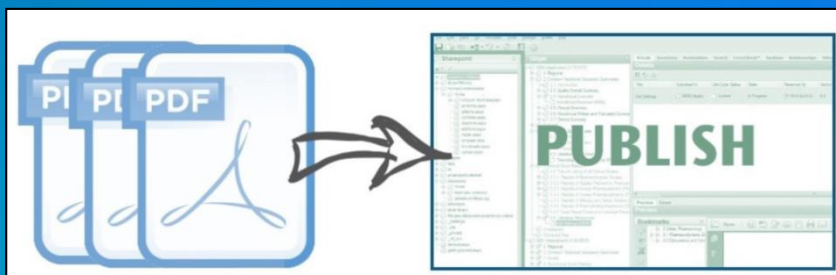
ELSEVIER

PUBLISH

Dr D Jeyabharathi, Asst. Professor, Dept. of IT, attended a two - day workshop on **"Aligning Yourself to the Publishing Process"** organized by Elsevier on 24 July 2020.

CSE | WORKSHOP ON INTRODUCTION TO MACHINE LEARNING WITH PYTHON
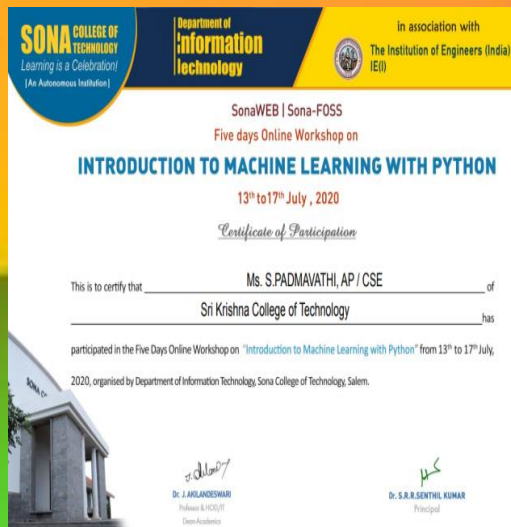
Ms S Padmavathi, Asst. Professor, Dept. of CSE, participated in a five-day online workshop on **"Introduction to Machine Learning with Python"** organised by Sona College of Technology, Salem during 13 – 17 July 2020 .

CSE | E-WORKSHOP ON CYBER SECURITY

Dr P Tamije Selvy, Professor, Dept. of CSE, attended a three-day e-workshop on "**Cyber Security"** organised by PSG Institute of Technology and Applied Research, Coimbatore during 18-20 July 2020.

IT | SUMMIT ON NEXT GENERATION SMART MACHINES

Mr A Sureshkumar and Ms V Roopa, Asst. Professors, Dept. of IT, participated in a three-day International Tech Summit on **"Next Generation Smart Machines"** organised by Karunya Institute of Technology, Coimbatore during 27 - 29 July 2020.

IT | WORKSHOP ON DIGITAL TRANSFORMATION, ROBOTICS

Dr D Jeyabharathi, Asst. Professor, Dept. of IT, attended a three-day Hands on Workshop on **"Digital Transformation, Robotics"** organised by SRM Institute of Engineering and Technology, Chennai during 13-15 July 2020.

SPECIAL EDITION 10

FDPs ATTENDED

Faculty Development Program

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ICE | AICTE SUPPORTED ONE WEEK STTP ON OPTIMAL OPERATION OF POWER SYSTEM INCORPORATING RENEWABLE ENERGY SOURCES

Dr S Narendiran, Assoc. Professor, Dept. of ICE, attended the AICTE sponsored one week STTP on **"Optimal Operation of Power System Incorporating Renewable Energy Sources"** organized by the Dept. of EEE, SIRT-Bhopal on 29 July 2020.

CIVIL | FDP ON RECENTS TRENDS IN CONSTRUCTION MATERIALS AND TECHNOLOGY
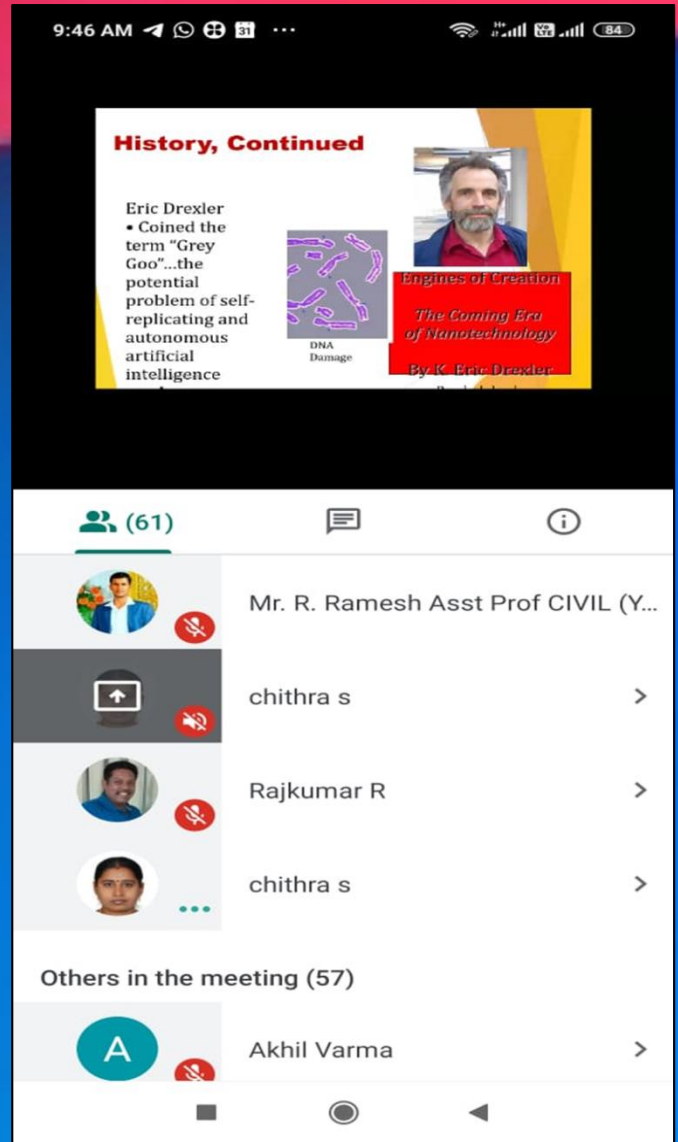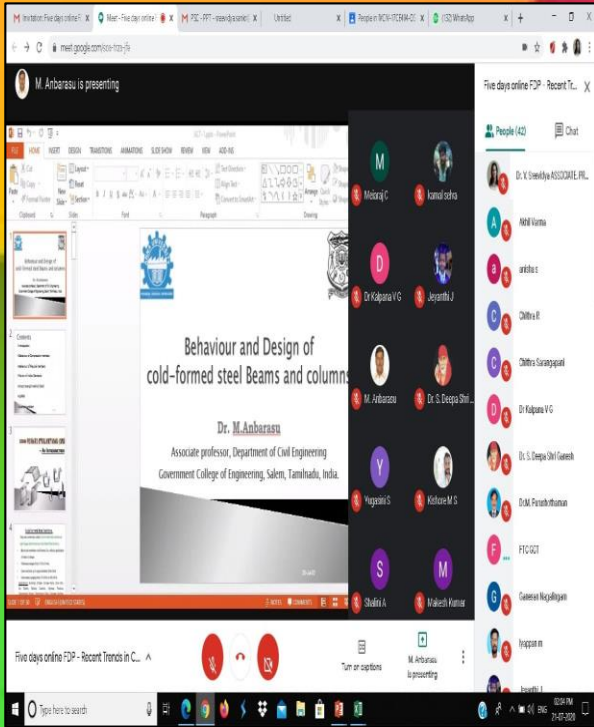
Dr V Sreevidya, Assoc. Professor, Mr R Ramesh and Ms G Selina Ruby Asst. Professors, Dept. of Civil Engineering, attended a five-day FDP on "**Recent Trends in Construction Materials and Technology**" organised by Govt. College of Technology, Coimbatore during 20 – 25 July 2020.

IT| FDP ON VISION BEYOND 5G WITH BLOCKCHAIN AND AI

Dr D Jeyabharathi, Asst. Professor, Dept. of IT, completed a three-day Online Faculty Development Programme on **"Vision Beyond 5G with Blockchain and AI"** organised by SRM Institute of Science and Technology, Chennai during 23 - 25 July 2020.

IT| FDP ON DEMYSTIFYING AI, ML & DATA SCIENCE

Ms V Roopa, Asst. Professor, Dept. of IT, completed a three-day Online Faculty Development Programme on **"Demystifying AI, ML & Data Science"** organised by Visvesvaraya College of Engineering and Technology, Hyderabad during 17 - 19 July 2020.

CIVIL | FDP ON STRUCTURAL HEALTH MONITORING AND SEISMIC PROTECTION OF STRUCTURAL AND INFRASTRUCTURAL SYSTEMS (PHASE I)

Dr V Sreevidya, Assoc. Professor and Mr R Ramesh, Asst. Professor, Dept. of Civil Engineering, attended a one - week AICTE sponsored FDP on " **Structural Health Monitoring and Seismic Protection of Structural and Infrastructural Systems (Phase I)"** organised by Bannari Amman Institute of Technology, Sathyamangalam during 6 – 11 July 2020.

CSE | FDP ON DATA SCIENCE USING R

Ms Viraja Ravi, Asst. Professor, Dept. of CSE, attended an online AICTE recognised Faculty Development Programme on "**Data Science using R**" organised by NITTTR, Chandigarh during 11 – 15 July 2020.

IT| FDP ON MACHINE LEARNING AND AI USING MATLAB

chandan pramanik

ICTACADEMY

Dr G M Tamilselvan, Professor and Head, Dept. of IT and Mr A Sureshkumar, Asst. Professor, Dept. of IT, attended a two-day Faculty Development Programme on **"Machine learning and AI using Matlab"** organised by MathWorks and ICT Academy during 30-31 July 2020.

IT| FDP ON MACHINE LEARNING TECHNIQUES FOR BRAIN COMPUTER INTERFACE APPLICATIONS
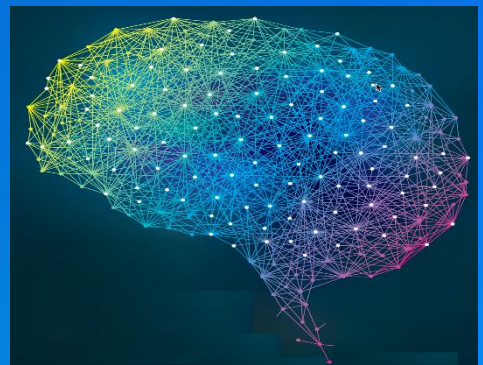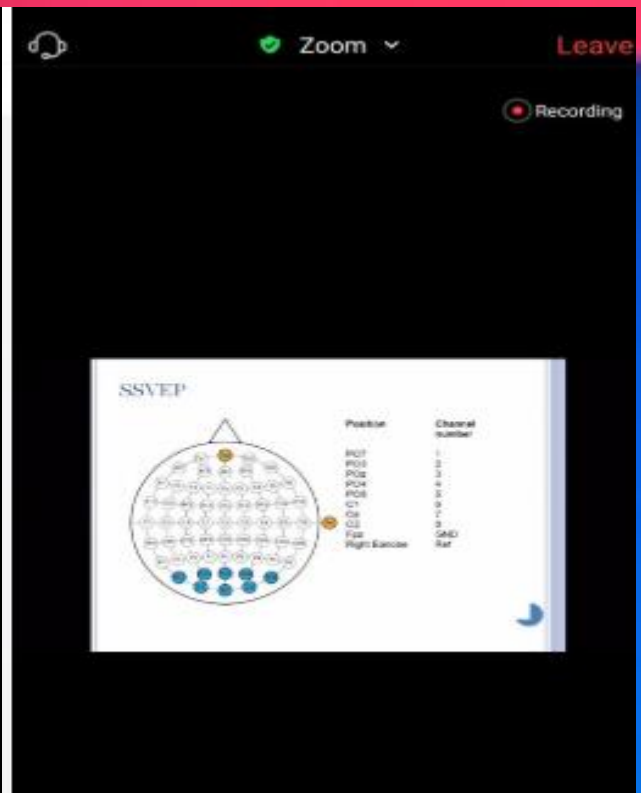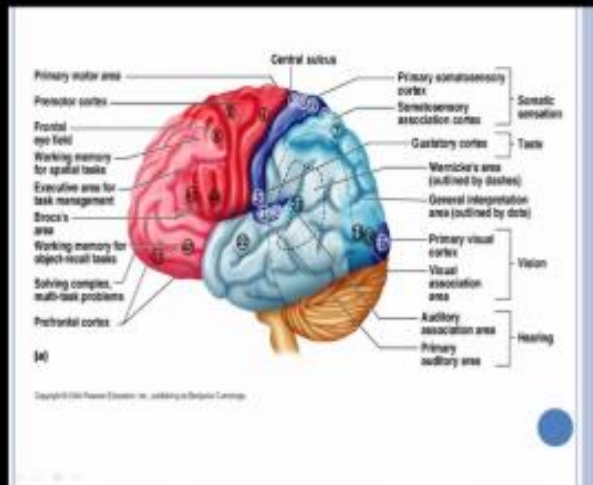
Ms K Mythili and Ms S Priyadharshini, Asst. Professors, Dept. of IT, have been attending a Faculty Development Programme on **"Machine Learning Techniques for Brain Computer Interface Applications"** organised by Karunya Institute of technology and Sciences, Coimbatore during 30 July 2020 - 1 Aug 2020.

MECH | FDP ON SOLAR ENERGY APPLICATIONS

Certificate of Participation

HINDUSTHAN
EDUCATIONAL AND CHARITABLE TRUST
HECT

HINDUSTHAN
COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution)
(Accredited by NAAC with 'A' Grade)
(Approved by AICTE and Affiliated to Anna University)
Coimbatore-641032

This Certificate is to Appreciate

Senthil Kumar K

Sri Krishna College of Technology

For actively attending the **Four Days Online International Faculty Development Programme (FDP)** on "Solar Energy Applications" Organized by the **Department of Mechanical Engineering** from 14th - 17th July 2020

Mr.C.A.Jagdish
Coordinator

Dr.K.Siva
Convenor

Mr.L.Karthick
Coordinator

SOLAR ENERGY

Mr K Senthil Kumar, Asst. Professor, Dept. of Mechanical Engineering, attended a four-day Online International Faculty Development Programme (FDP) on **" Solar Energy Applications"** organised by Hindusthan College of Engineering and Technology, Coimbatore during14 -17 July 2020.

EEE | FDP ON SMART GRID MONITORING PROTECTION AND CONTROL

Ms V Manimegalai, Asst. Professor, Dept. of EEE, attended the AICTE sponsored six-day online Short Term Training Programme on "**Smart Grid – Monitoring, Protection and Control**" organised by the Dept. of EEE, RMK College of Engineering and Technology, Chennai during 20-25 July 2020.

EEE | FDP ON CONTEMPORARY CHALLENGES IN ELECTRICAL ENGINEERING AND AIDING TECHNOLOGIES

You choose, We do it

St.Joseph's College of Engineering
St.Joseph's Group of Institutions
OMR, Chennai - 119.

Cambridge English Qualifications

A+ NAAC

nirf 160th rank in Engineering Stream

NBA ACCREDITED SINCE 2003

26 Years of Excellence Since 1994

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms/Dr **Dr. Santhosh P., Assistant Professor** from **Sri Krishna College of Technology** has actively participated in the 5 Days Online **"Faculty Development Program"** on the topic **"Contemporary Challenges in Electrical Engineering and Aiding Technologies"** organized by St.Joseph's College of Engineering from "06/07/2020 to 10/07/2020"

Dr.Jayarama Pradeep M.E., Ph.D.
Professor,HOD/EEE.

Dr.Vaddi Seshagiri Rao M.E.,M.B.A., Ph.D
PRINCIPAL

Dr P Santhosh, Asst. Professor, Dept. of EEE, attended a five-day online FDP on **"Contemporary Challenges in Electrical Engineering and Aiding Technologies"** organised by Dept. of EEE, St. Joseph's College of Engineering, Chennai during 6-10 July 2020.

MECH | SHORT TERM COURSE ON INDUSTRY 4.0 AND SMART MANUFACTURING: OPPORTUNITIES AND CHALLENGES

Dr R Srinivasan Professor, Dept. of Mechanical Engineering, attended a webinar on **"Industry 4.0 and Smart Manufacturing: Opportunities and Challenges"** offered by NIT, Jalandhar during 20-24 July 2020.

ICE | AICTE SUPPORTED ONE WEEK STTP ON TEACHING PRACTICES ON "HELPING SLOW LEARNERS TO BRING OUT THEIR HIDDEN SKILLS

Ms K Shanthi and Mr Ajith B Singh, Asst. Professors, Dept. of ICE, attended the fourth session of a six-day AICTE Sponsored STTP on **"Teaching Practices on "Helping Slow learners to bring out their Hidden Skills"** organised by the Dept. of ICE, Tamilnadu College of Engineering, Coimbatore on 30 July 2020.

ICE | AICTE SUPPORTED ONE WEEK STTP ON OPTIMAL OPERATION OF POWER SYSTEM INCORPORATING RENEWABLE ENERGY SOURCES
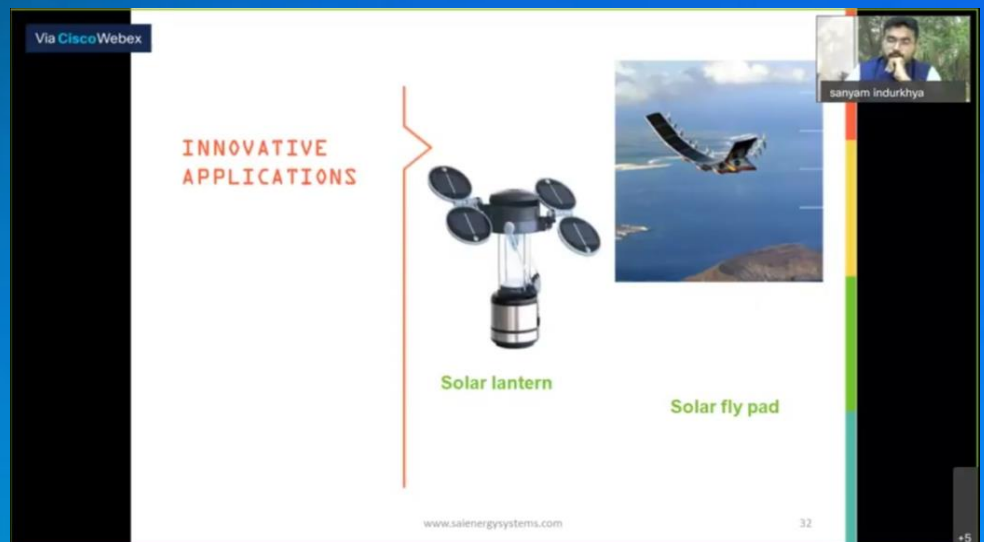
Dr S Narendiran, Assoc. Professor, Dept. of ICE, attended the fourth session of a AICTE supported one week STTP on **"Optimal operation of power system incorporating renewable energy sources"** organised by the Dept. of EEE, SIRT-Bhopal on 30 July 2020.

ECE | ONLINE FDP | ADVANCED COMMUNICATION LABORATORY

Mr G Santhakumar, Asst. Professor, Dept. of ECE, attended an online FDP on **"Advanced Communication Laboratory"** organised by PSNA College of Engineering and Technology, Dindigul during 20-25 July 2020.

EEE | FDP ON RECENT ADVANCES IN RENEWABLE ENERGY & ENERGY EFFICIENCY TECHNOLOGIES

Dr K Gaayathry, Asst. Professor, Dept. of EEE, attended a one-week online FDP on "**Recent Advances in Renewable Energy & Energy Efficiency Technologies**" organised by the Dept. of Mechanical Engineering, Mahatma Gandhi Institute of Technology, Hyderabad during 21-25 July 2020.

IT| FDP ON MACHINE LEARNING AND AI USING MATLAB
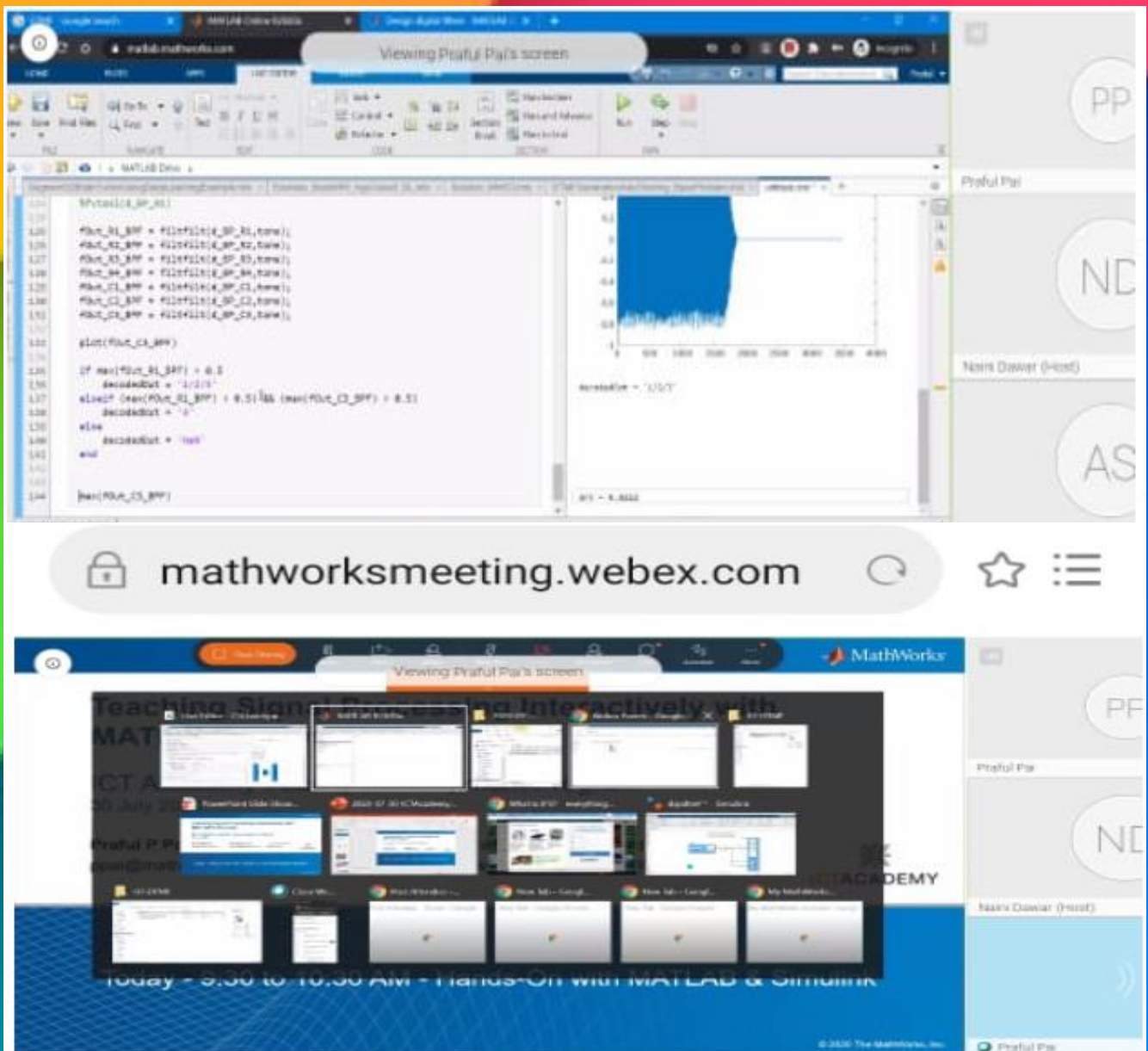
Dr G M Tamilselvan, Professor and Head, Dept. of IT and Mr A Sureshkumar, Asst. Professor, Dept. of IT, attended a two-day Faculty Development Programme on **"Machine learning and AI using Matlab"** organised by MathWorks and ICT Academy on 31 July 2020.

IT| FDP ON MACHINE LEARNING TECHNIQUES FOR BRAIN COMPUTER INTERFACE APPLICATIONS

Ms K Mythili and Ms S Priyadharshini, Asst. Professors, Dept. of IT, have been attending a two-day Faculty Development Programme on **"Machine Learning Techniques for Brain Computer Interface Applications"** organised by Karunya Institute of Technology and Sciences, Coimbatore from 30 July 2020 to 1 Aug 2020.

SPECIAL EDITION 10

PUBLICATIONS

STAY HEALTHY
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CSE | FACULTY PAPER PUBLICATION

Dr P Tamije Selvy, Professor, Dept. of CSE, published a research paper titled "**Skin Lesion Detection Using ANFIS Algorithm**" in the Journal of Critical Reviews, ISSN- 2394-5125, Vol 7, Issue 15, 2020.

CIVIL | FACULTY PAPER PUBLICATION

International Journal of Scientific & Technology Research - ISSN 2277-8616

Ref: IJSTR-0620-36742

Certificate of Publication

This is to certify paper titled *"Experimental Analysis Of CFST Sections With Tie And Self Curing Agent"* submitted by Author(s) *Ramesh R, Balamurali K, Muthukeerthana S* has been published in open access International Journal of Scientific & Technology Research (IJSTR) Volume 9 - Issue 6, June 2020 Edition.

Editor in-chief
Email:- chiefeditor@ijstr.org
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To verify the authenticity of this certificate, please visit: http://www.ijstr.org/verify-certificate.php

"No signature is required as this is a computer generated letter"

Mr R Ramesh and Ms S Muthukeerthana, Assistant Professors, and Mr K Balamurali, M.E. Student, published a paper titled " **Experimental Analysis of CFST Sections with Tie and Self Curing Agent**" in the International Journal of Scientific & Technology Research(IJSTR), the SCOPUS Indexed Journal, Volume 9 – Issue 6, June 2020 Edition.

SPECIAL EDITION 10

MEETINGS & DISCUSSIONS

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CIVIL | TUTOR WARD MEETING

Tutors of Second Year, Dept. of Civil Engineering, conducted the Tutor Ward Meeting with their respective wards regarding the Importance and Preparedness for CIA 1 and Academic Progress on 19 July 2020.

CIVIL | TUTOR WARD MEETING
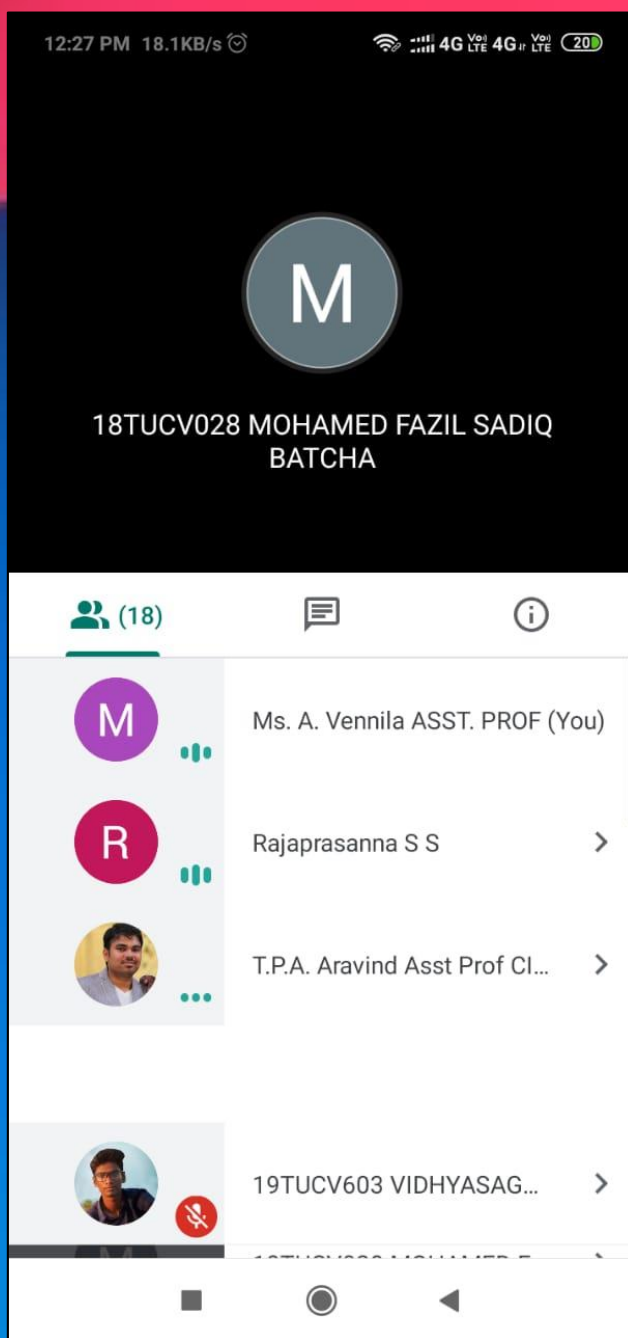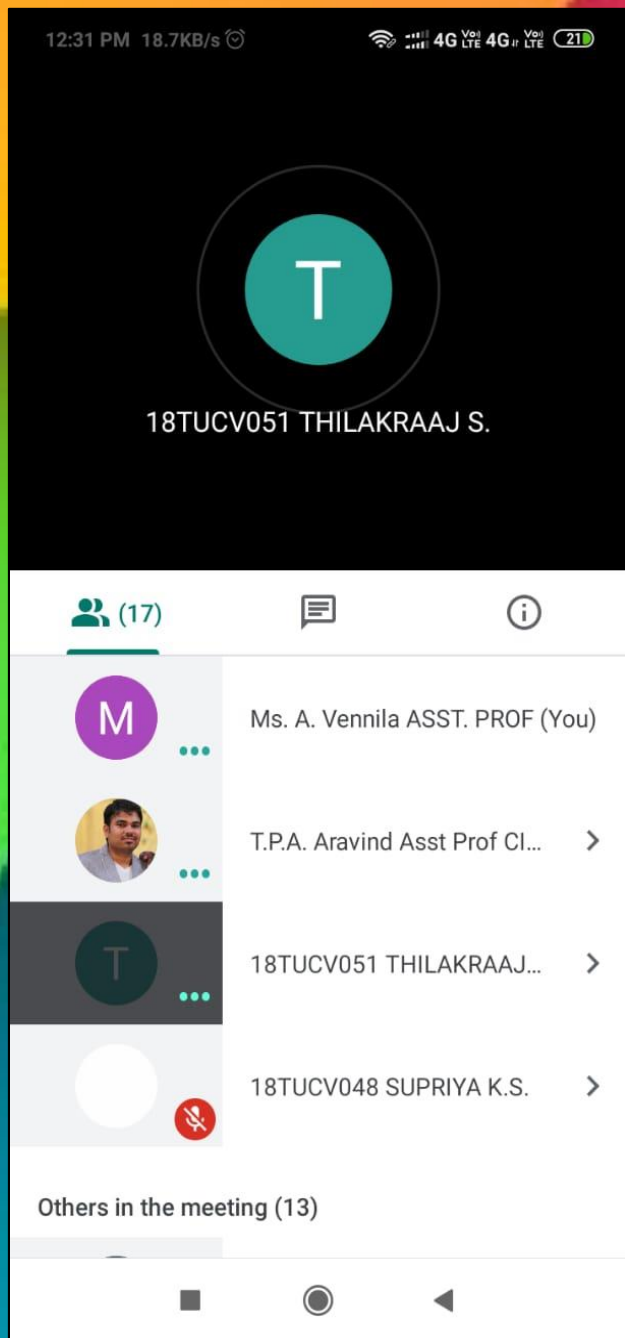
Tutors of Third Year, Dept. of Civil Engineering, conducted the Tutor Ward Meeting with their respective wards regarding the Importance and Preparedness for CIA 1 and Academic Progress on 19 July 2020.

CIVIL | DEPARTMENT MEETING
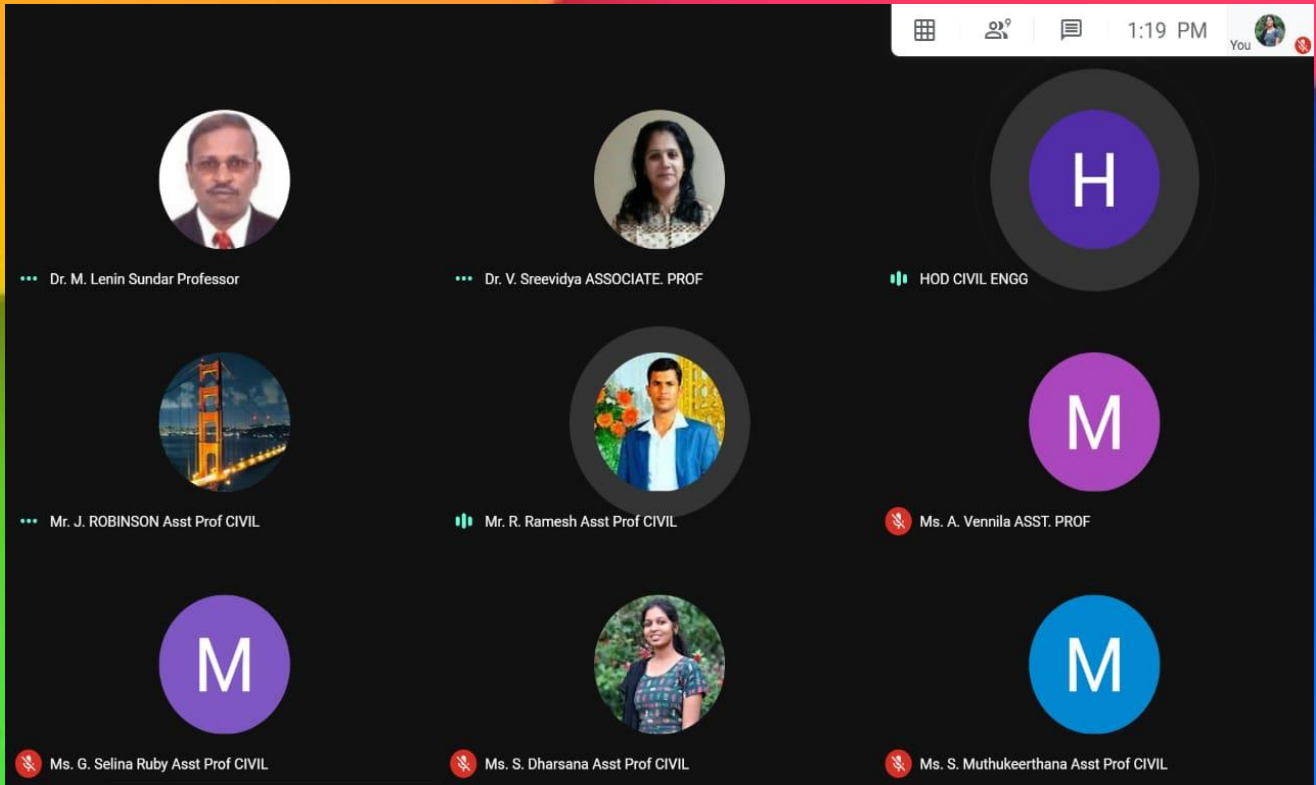
Dr I Padmanaban, Professor and Head, Dept. of Civil Engineering, conducted a meeting with the Members of Faculty regarding the progress of Online Class and CIA .
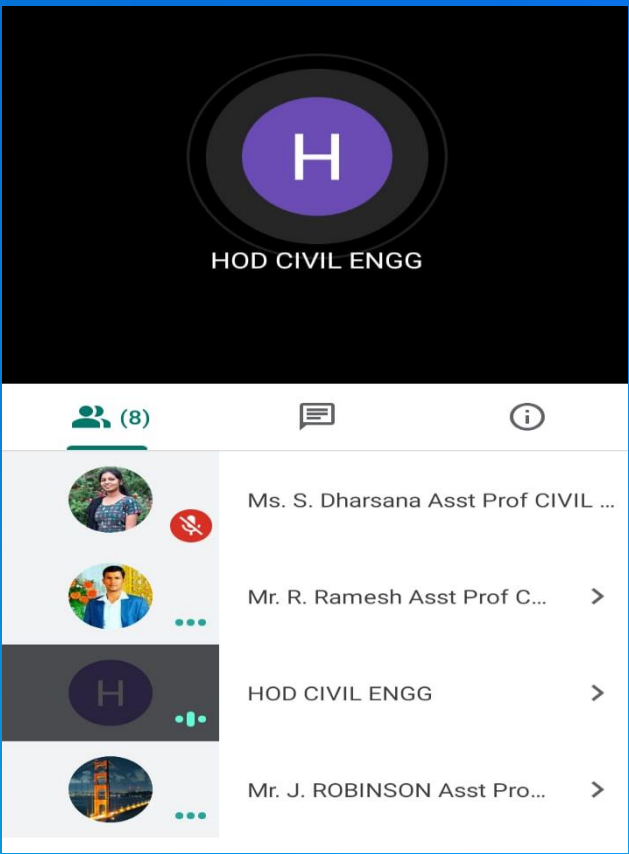
CSE | DEPARTMENT MEETING
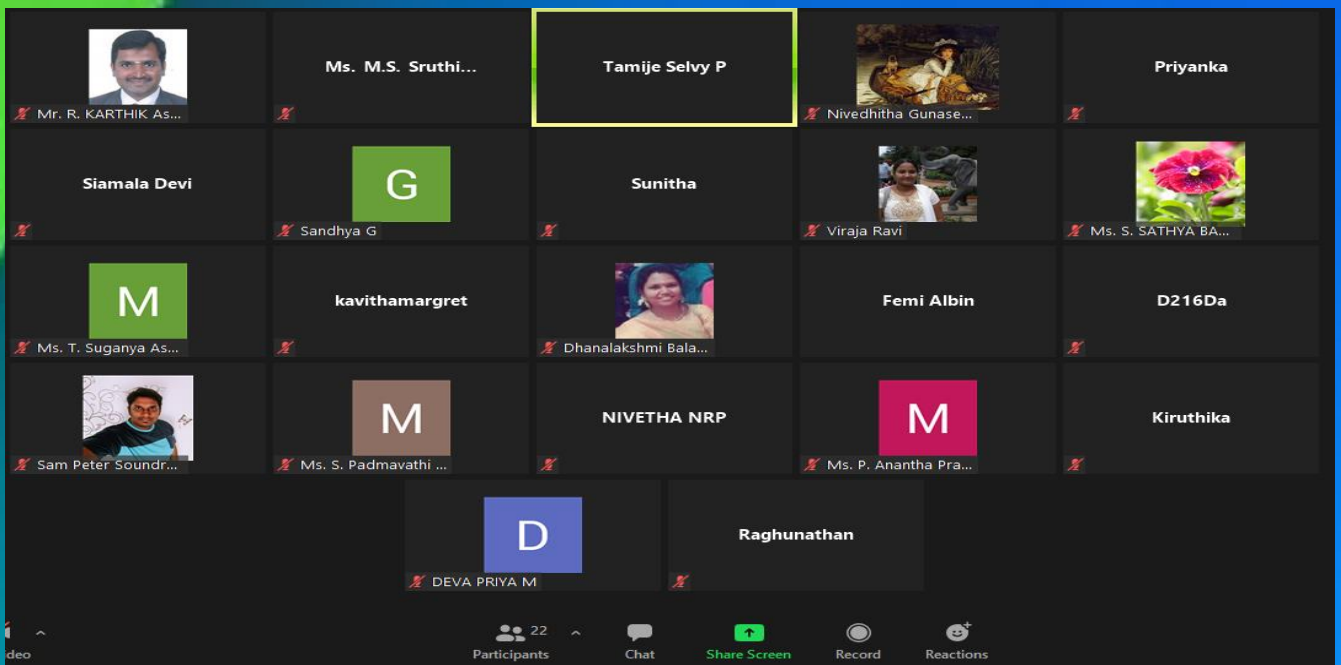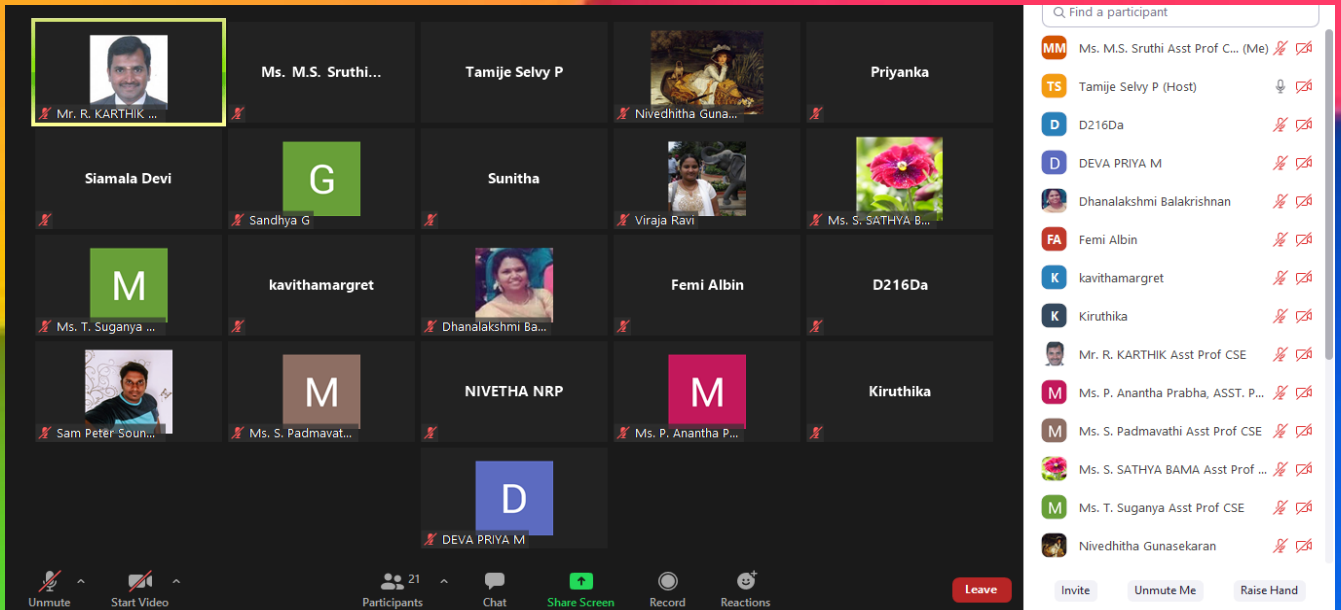
Dr P Tamije Selvy, Professor, Dept. of CSE, conducted a meeting with the Members of Faculty to discuss the Academic Activities, Placement Progress and Submission of Continuous Internal Assessment marks on 30 July 2020.

CSE | TUTOR WARD MEETING
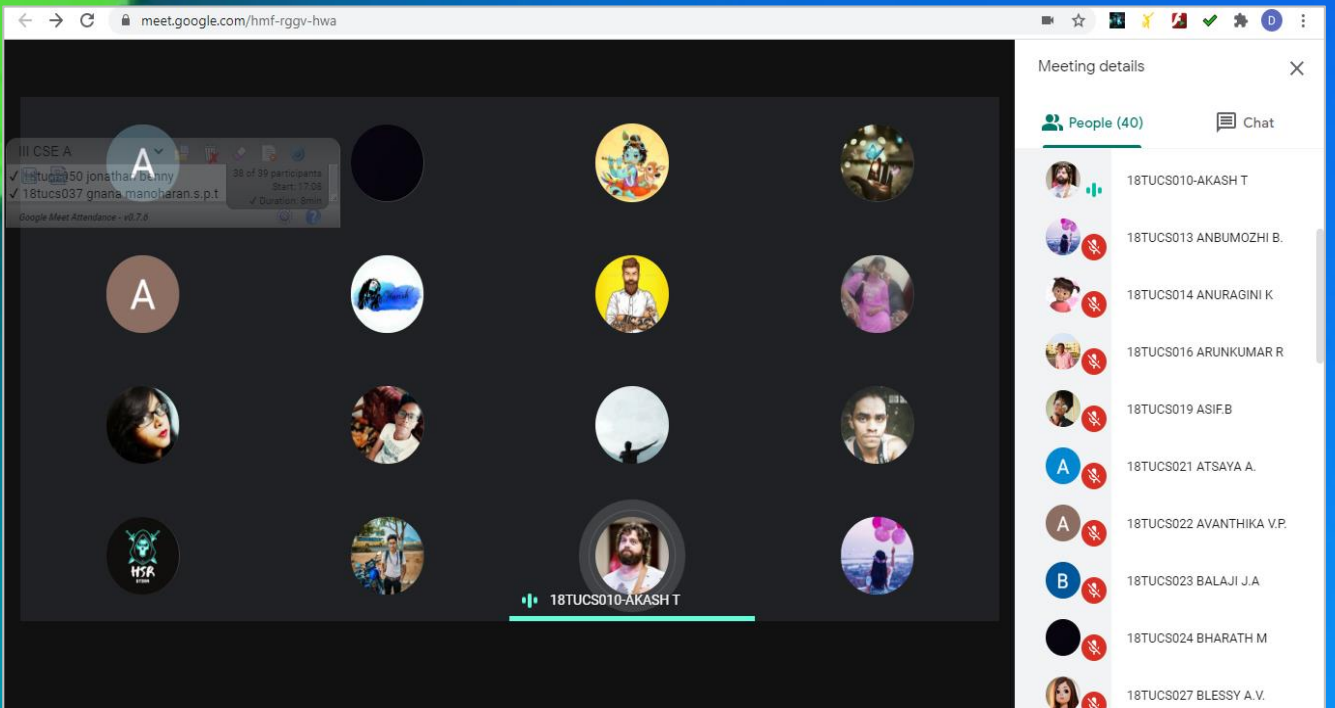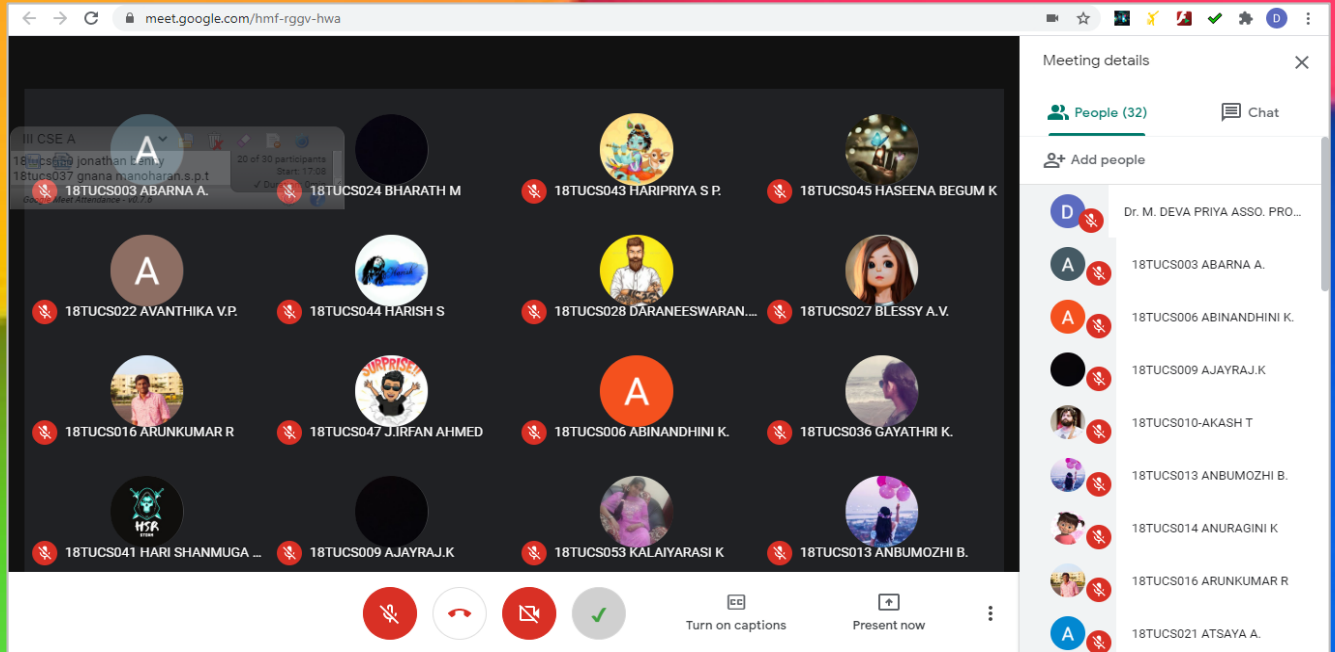
The Members of Faculty in the Dept. of CSE conducted the Tutor Ward Meeting with their respective wards to discuss the progress of online classes and placement activities.

ECE | DEPARTMENT MEETING
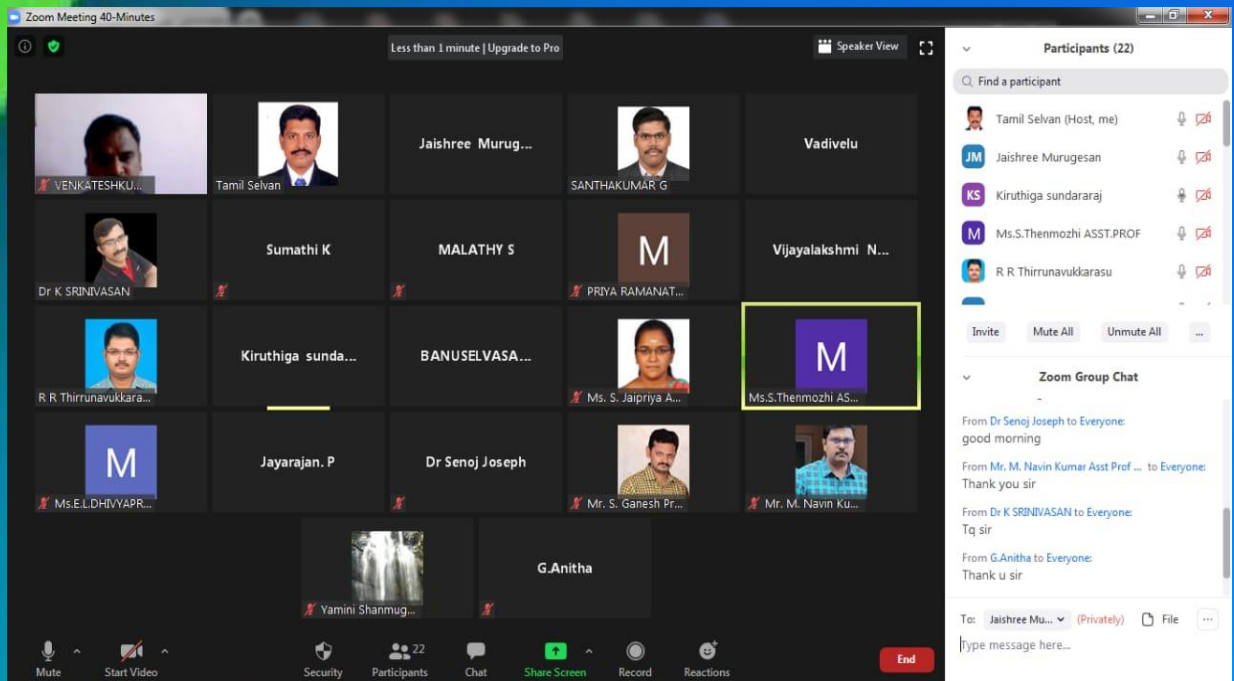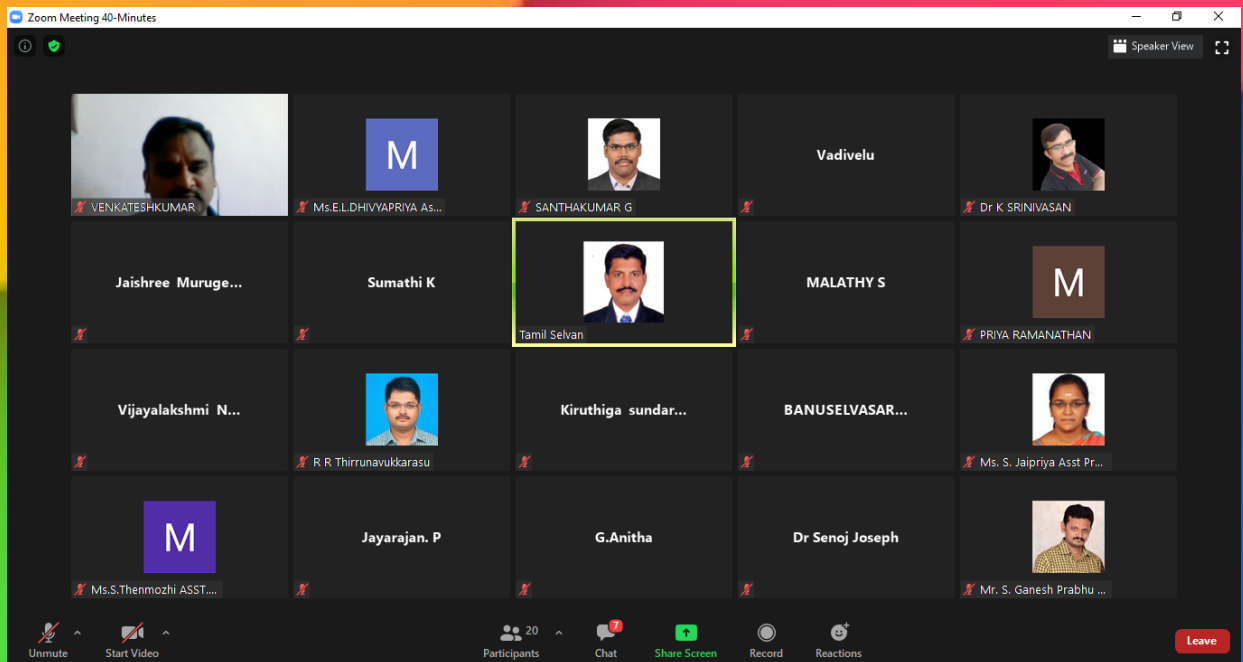
Dr G M Tamil Selvan, Professor & Head, Dept. of ECE, conducted a meeting with the Members of Faculty regarding the students' participations and the regular research work on 31 July 2020.

SPECIAL EDITION 10

EVENTS ORGANIZED

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SKCT | WEBINAR ON PATENT AND INDUSTRIAL DESIGN APPLICATION PROCESS

An Online Webinar on **"Patent and Industrial Design Application Process"** was organized by SKCT in association with MHRD – IIC, SKCT IPR Cell and ISHRAE Coimbatore Chapter. Dr Srinivasan Alavandar, Principal, SKCT addressed the participants. Dr S Sundararaj, Professor of Mechanical Engineering & IIC Ambassador, facilitated a webinar session. The Members of Faculty, students of SKCT and delegates across the nation participated in the programme. Ms V Roopa, IIC Convener, SKCT coordinated the event on 27 July 2020.

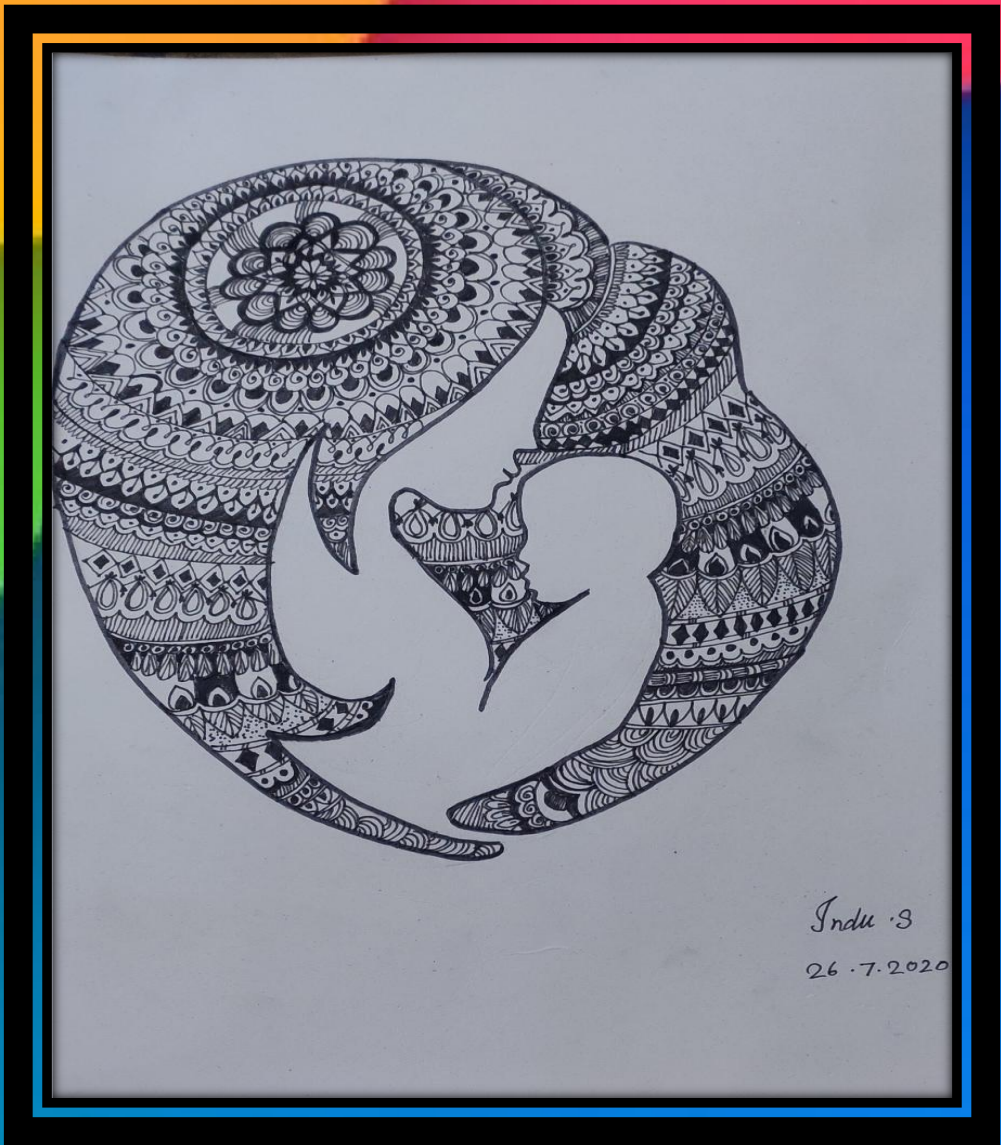# SKCT | WEBINAR ON PATENT AND INDUSTRIAL DESIGN APPLICATION PROCESS

SoM | PLACEMENT TRAINING

Students of Second MBA, attended the **Aptitude Training** as a part of Placement Training Process.

EEE | STUDENT'S CREATIVITY| MANDALA ART

Ms S Indu, Students of Second B.E. EEE, sketched the **"Mandala Art"** on 26 July 2020.