

# SKCT DIGEST

VOLUME 16, ISSUE 1,  
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# NEW VISTAS OF LEARNING

The Dept. of EEE organized a Webinar on “**Hybrid Wind-PV Distributed Generator for Microgrid**” presented by Dr MM Rajan Singaravel, Asst. Professor, Dept. of EEE, National Institute of Technology, Pondicherry (NITPY), Karaikal on 30 April 2020. 90 participants attended this webinar. Dr P Pandiyan & Dr S Saravanan, Asst. Professors, Dept. of EEE coordinated the event.

Rajan Singaravel is presenting

People (56) Chat (5)

Add people

- Dr. P. PANDIYAN Asst. Prof. EE...
- 17TUEE106 KEERTHI.B
- 17TUEE234 SUSHMITHA.B
- 18TUEE149 VARSHINI.G
- anandi p
- chagantipatis chagantipatis
- DJ TATAJI
- Dr. G. SOPHIA JASMINE Asso ...
- Dr. P. Ponnuragan Associate P...
- Dr. Senthikumar R EEE

Webinar  
Sri Krishna College of Technology, Coimbatore  
Hybrid Wind PV Distributed Generator for Micro-grid

Dr. M. M. Rajan Singaravel  
Department of Electrical & Electronics Engineering  
National Institute of Technology – Puducherry, Karaikal

Rajan Singaravel is presenting

People (86) Chat (8)

Add people

- Dr. P. PANDIYAN Asst. Prof. EE...
- 17TUEE031 DHINESHKANNA.S
- 17TUEE106 KEERTHI.B
- 17TUEE127 NAVEEN.S
- 17TUEE131 NITHEESH KUMA...
- 17TUEE148 RAHUL.M
- 17TUEE149 Raj Sivaram MK
- 17TUEE227 SUHAS.R
- 17TUEE234 SUSHMITHA.B
- 18TUEE149 VARSHINI.G

NRG Energy Center Princeton - Princeton Hospital

A state-of-the-art combined heat and power (CHP) plant

Hospital Campus System

- Electrical Capacities – 200 KW PV, 5 MW CHP, 1 MW Thermal Storage, 6 MW Diesel Gen
- Thermal Capacities - Steam 50,000 lb/hr, CHW 3,000 tons (mech), Thermal Storage 1,000 tons

Source: NRG Energy



The Dept. of EEE organized a Webinar on “**Basic Construction & Working of 132/13.8 kV SAS based HV Substation**” delivered by Mr G Venkatesh, Project Coordinator, Milky Mist, Perundurai, Erode on 1 May 2020. 60 participants attended this webinar. Dr S Saravanan, & Dr P Pandiyan, Asst. Professors, Dept. of EEE coordinated the event.

Electric power path through basic substation

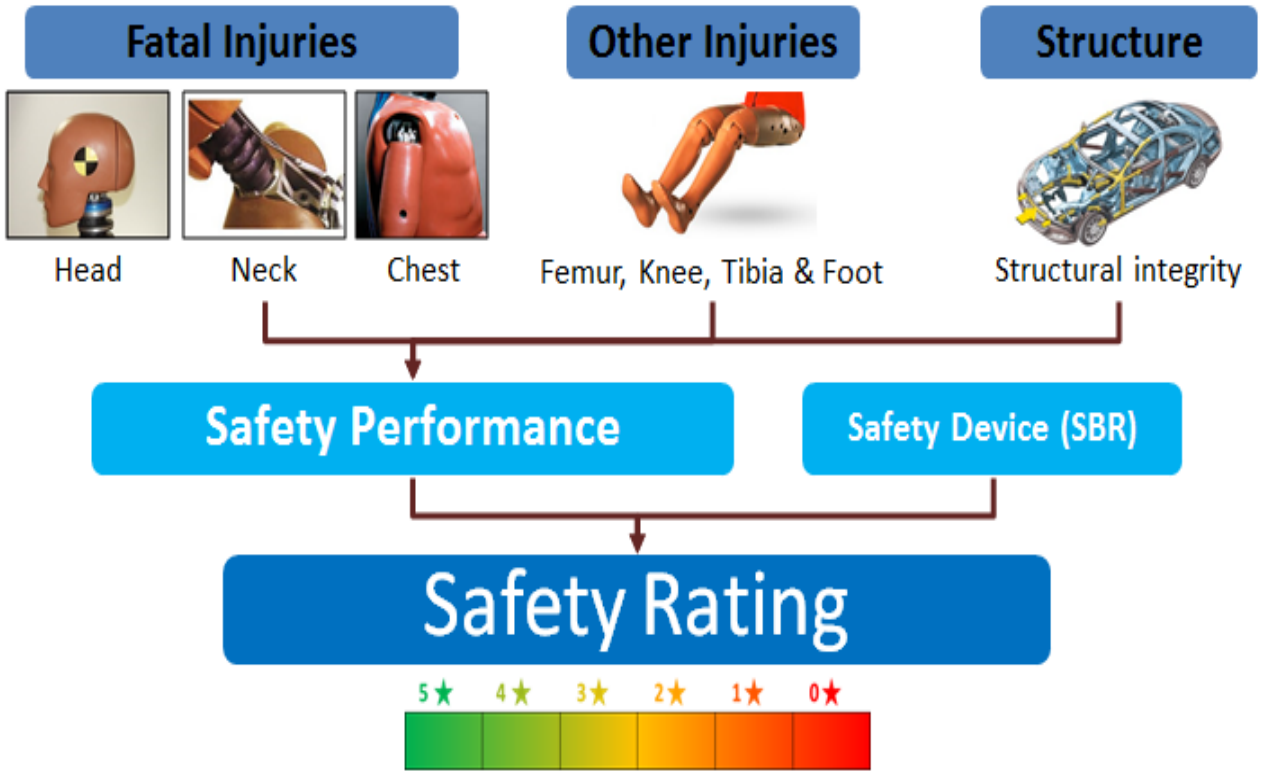
Labels in diagram: Incoming Subtransmission Lines, Lightning Arresters, Air-break Switches, Step-down Transformer, Distribution Bus, Outgoing Distribution Lines, Cutout Switches, 132 KV in, 7.2 KV out, Control House.

POWER TRSFMR/13.8KV SWGR

List of Standard :

- ▶ **TES ( Transmission Engineering Standard )**
- ▶ **TCS ( Transmission Construction Standard)**
- ▶ **TMS ( Transmission Material standard specifications)**
- ▶ **PTS( project Technical specification )**
- ▶ **IEC 61850**

The Dept. of Mechanical Engineering organized a Webinar for the Members of Faculty and the Students on “**New Car Assessment Program (NCAP) Overview – Frontal Crash**” delivered by Mr S Boopathi, Assistant Manager, ZF TRW Occupant Safety System on 30 April 2020.



## GNCAP Test

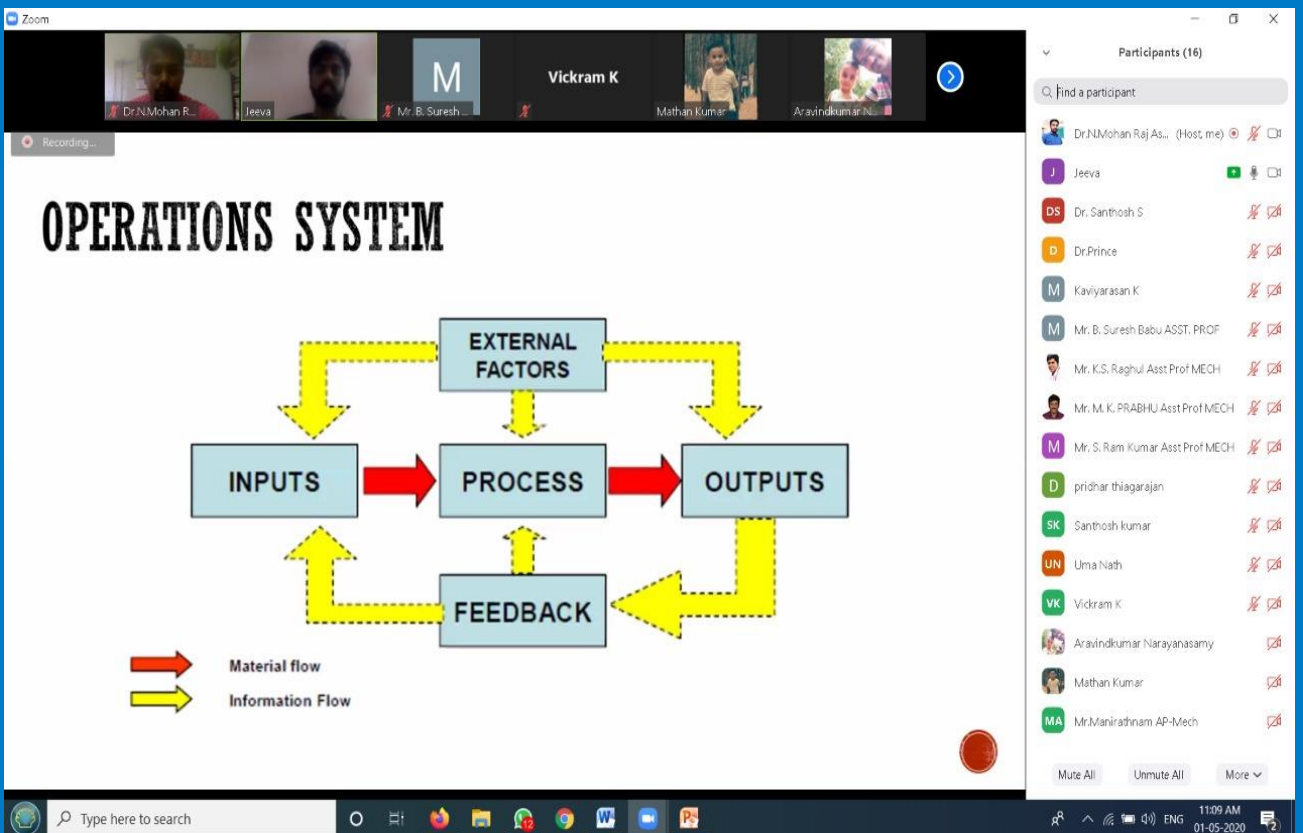
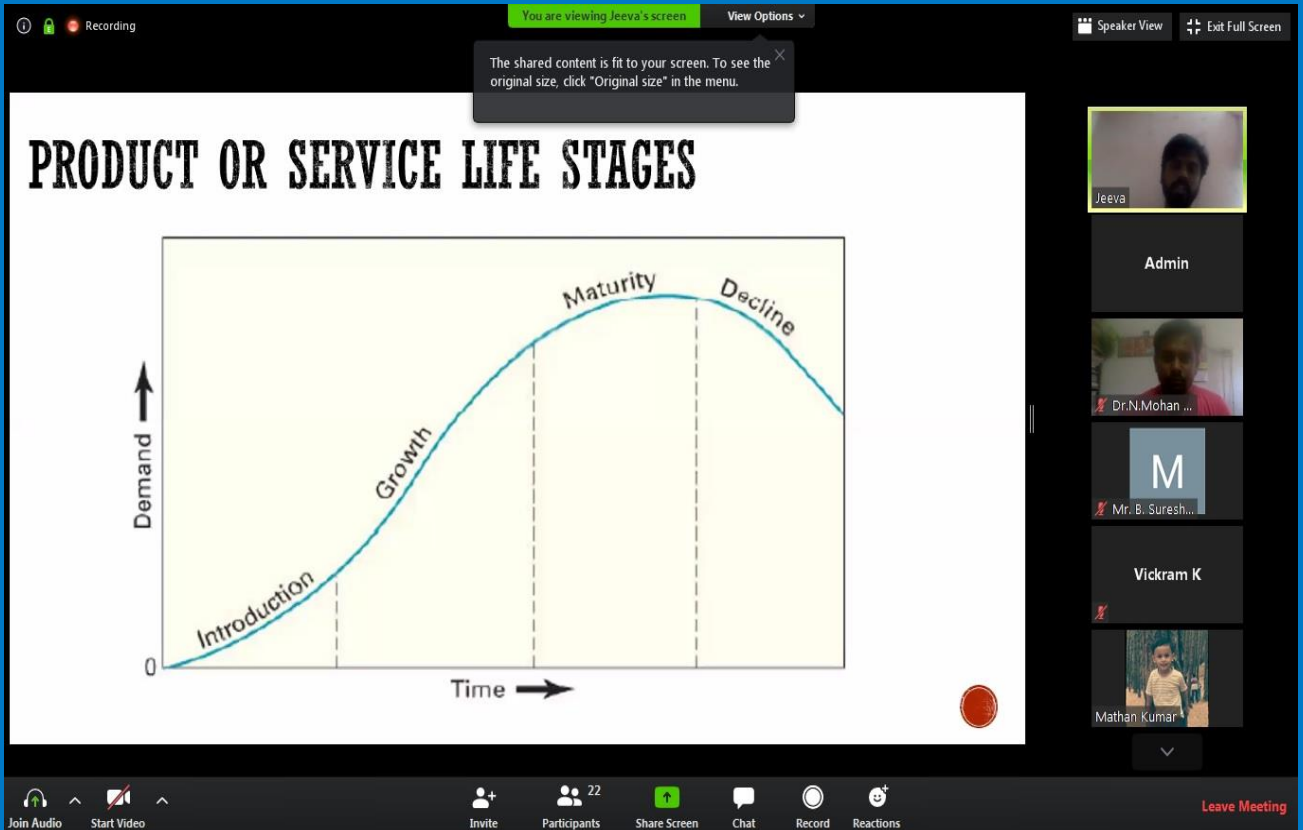
- **Frontal Impact :**

A **front-impact** car accident, often referred to as a head-on collision, occurs when the **front**-ends of two vehicles collide into each other.





The Dept. of Mechanical Engineering organized a Webinar for the Members of Faculty and the Students on **“Operation Management”** presented by Mr S Jeeva Pandian, Assistant Manager, L&T Valves, Coimbatore on 01 May 2020.



The Dept. of ICE organized a Webinar on “Coding : A Pivotal Role in Industries” delivered by Mr E Nanadakumar, an Alumnus of ICE & Software Developer, Vuram Technologies, Chennai on 30 April 2020. Mr Ajith B Singh, Asst. Professor, Dept. of ICE coordinated the event.

The image shows a Zoom meeting interface. On the left is a list of participants, each with a profile picture, name, and a mute icon. On the right is a grid of video feeds. The top row shows two feeds: one for Ajith B Singh (a man in a grey suit) and one for Dilip Kumar (a man in a white lab coat). The second row shows a feed for Shanthi K (a black car) and a feed for Tanish Rahuman (a grey person icon). The third row shows a feed for Mr. J. Dhanaselvam Asst Prof ICE (a man in a striped shirt) and a feed for Rohindh U (a teal background with a white 'r'). At the bottom of the grid are several small white dots, indicating more participants.

Participants listed in the meeting:

- OA Oppo A71
- Prabhu Shanmugam
- P Pragathi
- PS Prakash Senthilkumar
- r Rohindh U
- S S.Narendiran-ICE-SKCT
- SANDEEP SARVESH S
- Shankar Ganesh

Participants visible in the video grid:

- Ajith B Singh
- Dilip Kumar
- Shanthi K
- Tanish Rahuman
- Mr. J. Dhanaselvam Asst Prof ICE
- Rohindh U

The Dept. of ECE organized a Webinar on **“Functional Safety”** presented by Mr P C Mohan Kumar, Functional Safety Specialist, Wabco, Chennai on 1 May 2020. Dr S Senoj Joseph, Asso. Professor and Ms B Banuselvasaraswathy, Asst. Professor, Dept. of ECE coordinated the event.

**Sri Krishna College of Technology**  
 [An autonomous Institution [approved by AICTE] [affiliated to Anna University]  
 accredited by NAAC with 'A' Grade]

**Kovaipudur, Coimbatore 641042**

**Department of Electronics and Communication Engineering**  
 [accredited by NBA under Tier-I]

Jointly Organizes with  
**INSTITUTION'S INNOVATION COUNCIL**  
 (Ministry of HRD Initiative)

## A Webinar on "Functional safety"

**Resource Person**  
**P. C. Mohan Kumar**  
 Functional Safety Specialist  
 Wabco, Chennai  
 [an alumnus of ECE, SKCT]

**Event Schedule**  
 10.00 am  
 01/05/2020  
 Zoom Meeting ID: 74157849669

Stay Home Stay Safe

# SKCT fights against COVID-19

10:21 AM ...53.3KB/s

741-5784-9669 Leave  
 Password: pc2020

### Functional Safety

#### Automated Door

**Functional requirements**

- Detect a person approaching to the door and open the door.
- Wait for the person to move away from the door and then close the door.
- When a person is standing between the door when open, wait until the person moves.
- Otherwise keep the doors closed always.
- Stop movement when resistive force is felt.

**Possible Malfunctions**

- Do not detect the persons to open and remain closed always.
- Opens/closes very fast and breaks the door.
- Opens/closes very slow.
- Do not stops to close the door when person is between the doors
- Keeps opening and closing in loop

Identifying and preventing the malfunctions of a system that can physically hurt Functional Safety.

Unmute Start Video Share Participants More

## Why you need to know?

- Increasing electronics and Software inside our everyday products increases risks involved.
- Every industry is setting their standard and make legislations.
- Standards are quite new and lot of scope for young engineers.
- There is only one college that offers Master in Functional safety.
  - University of Kassel in Germany

Pc.Mohan kumar (Host)	+	🔇	🗑️
18TUEC013 ARUL ABISHEIK A		🔇	🗑️
18TUEC021 BALAJI J.		🔇	🗑️
18TUEC026 DARSANI D		🔇	🗑️
18TUEC036 Divya.M		🔇	🗑️
18TUEC045 HARINI AMALA K.		🔇	🗑️
18TUEC207 PRIVADHARSHINI. M		🔇	🗑️
18TUEC209 RAGAVENDRA.M		🔇	🗑️
18TUEC245 VIGNESHWARI P.		🔇	🗑️
Abbiyah Justin		🔇	🗑️
...		🔇	🗑️



The School of Management organized a Webinar on “Case Discussion” on 30 April 2020 for the I MBA Students. Mr Shajan Ninan, Managing Director, Research Principle, Young America Capital, Greater New York City, USA (Harvard University - Alumnus) was the Resource Person.

The screenshot shows a PowerPoint presentation with a slide titled "Two-way Learning". The slide features a diagram with two blue boxes: "Lecture model Content: Knowledge" and "Case method Apply the knowledge". The diagram is connected by a red line at the top labeled "Two-way Learning". Below the diagram, it says "In real world, 'What' is not enough" and "What to think" and "How to Think". A list of bullet points follows:

- There are no right answers to a business problem
- You cannot acquire judgement and skills simply by reading texts

On the right side of the screenshot, there is a video feed of Mr. Shajan Ninan, a man with glasses and a dark shirt, speaking.

The screenshot shows a Zoom meeting with a slide titled "Three Overarching Themes". The slide content includes:

**Three Overarching Themes**  
*We need to see a firm's competitive position, not as a snapshot, but as an ongoing movie*

**1 Firms and industries are dynamic in nature.**

We address the importance of developing dynamic capabilities to create sustainable unique value.

The resources and capabilities are not available to the firm always, it is built dynamically.

Eg, Starbuck's entry into a segment dominated by **CCD** required it to develop exceptional capabilities in design, customer service, quality, etc.

**2 To succeed, the formulation of a good strategy and its implementation should be inextricably connected.**

**Strategy formulation: Dealing with what to do:** Strategy is integrated whole-integrated set of choices. Managers are better at formulating than implementing it-- knowing and doing gap.

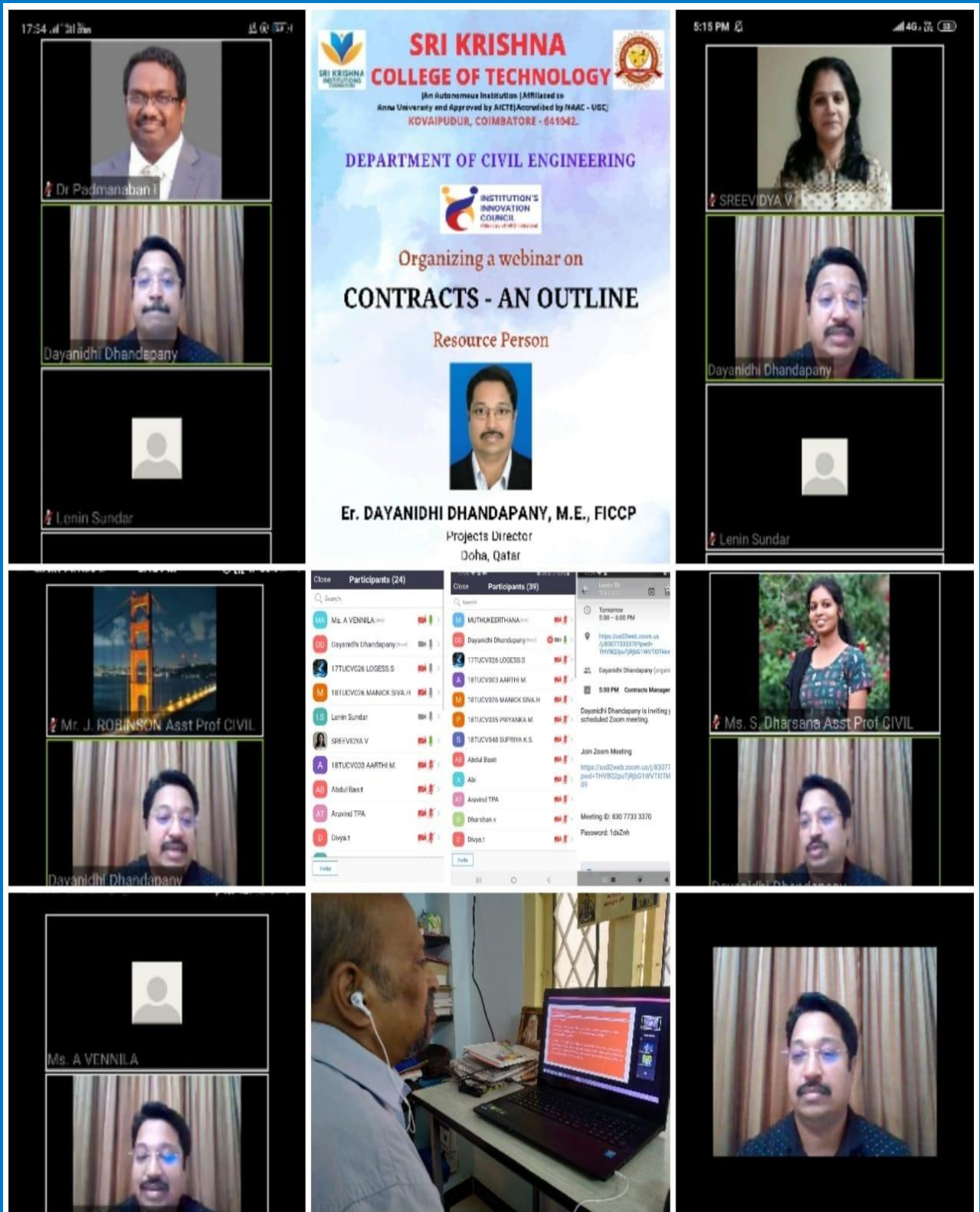
**3 Strategic leadership is essential if a firm is able to both formulate and implement strategies that create value.**

Make Implementation (org. structure, systems, Allocate resources and gain stakehold

Align the interest of all **functional areas** of the business towards the strategy. So, it is the holistic consideration of the business and its environment, not just a myopic focus on one functional area.

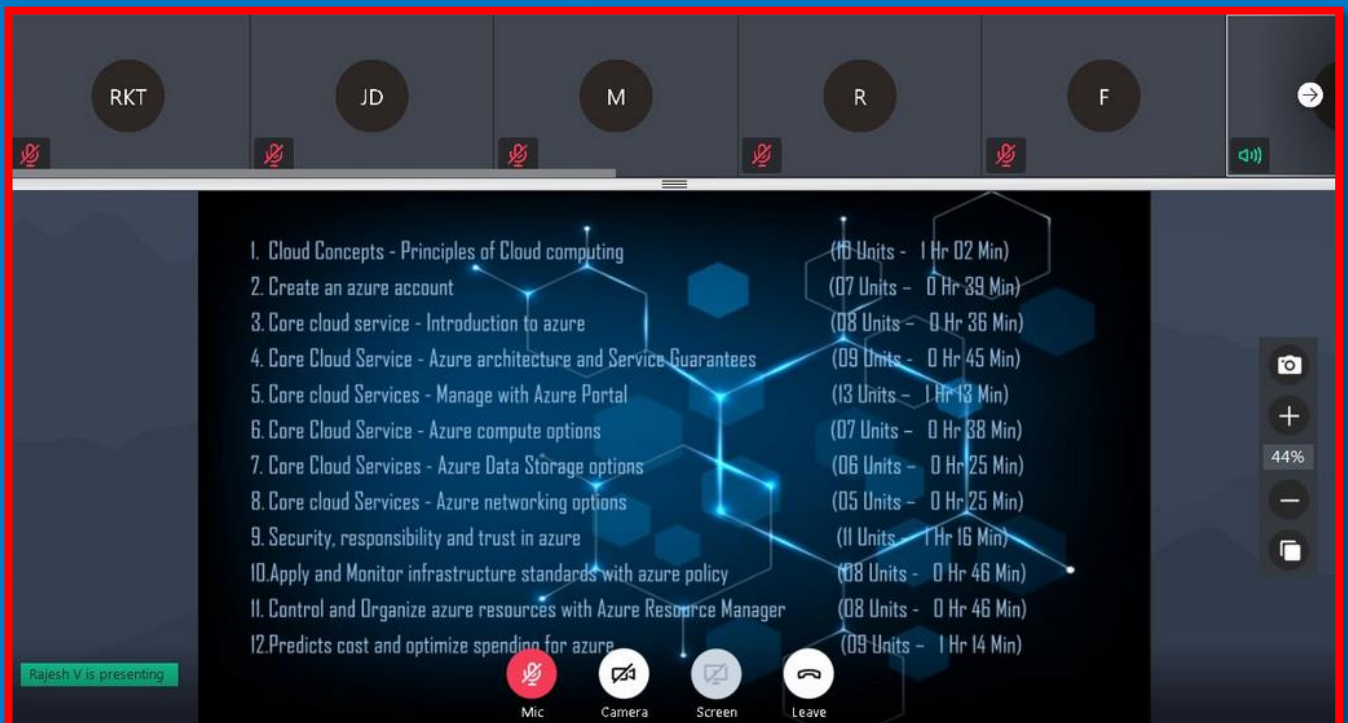
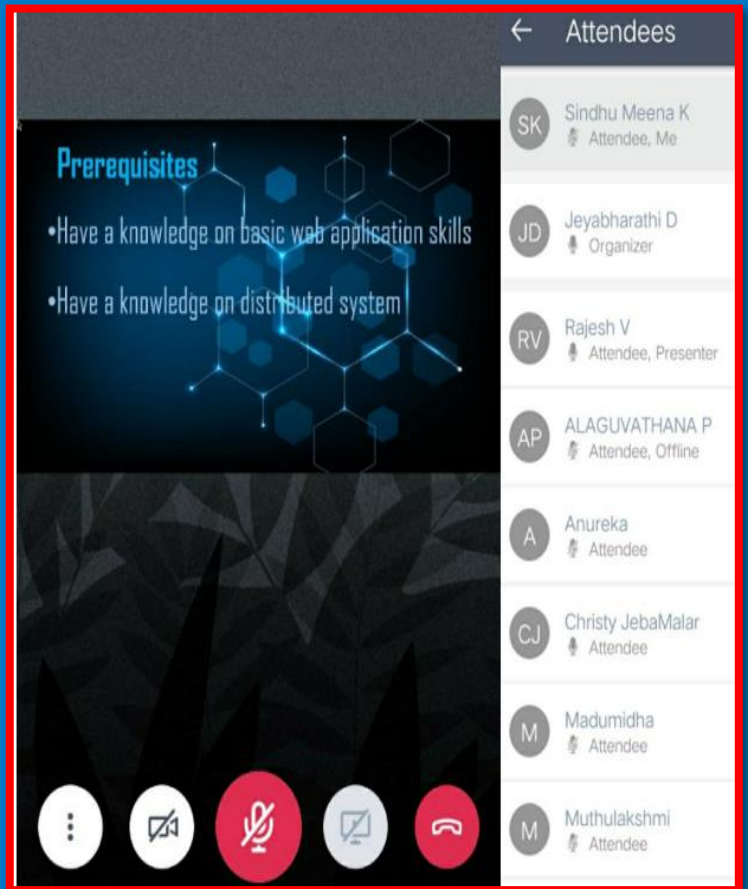
The slide also features a Venn diagram with three overlapping circles (yellow, purple, green) corresponding to the three themes. A video feed of Mr. Shajan Ninan is visible in the bottom right corner of the Zoom window.

The Dept. of Civil Engineering organized a Webinar on “**Contracts – An Outline**” on 30 April 2020. Er Dhayanidhi Dhandapany, FICCP, Projects Director, Doha, Qatar, chaired the session and shared his expertise with the Students and the Members of Faculty in the Dept. of Civil Engineering.





The Dept. of Information Technology and Institution Innovation's Council jointly organized one-day Webinar on **"Microsoft Azure"** presented by Mr Rajesh, Project Lead, L&T, Mysore on 01 May 2020. Students and Members of Faculty from Dept. of IT attended the session. The webinar was coordinated by Dr D Jeyabharathi, Asst. Professor, Dept. of IT.





The Dept. of Information Technology and Institution's Innovation Council organized an Online Placement – Programming Series Class 3 for all the Students of B.E./B.Tech. classes on the topic “**Application Development Using Java**”. Students from various departments actively attended and interacted. Ms K Mythili, Asst. Professor, Dept. of IT conducted the class between 4.30 pm and 6.30 pm on 30 April 2020.

**Introduction to JDBC**

- Using JDBC, you can write code that:
  - Connects to one or more data servers
  - Executes any SQL statement
  - Obtains a result set so that you can navigate through query results
  - Obtains metadata from the data server

```

public static void main(String[] args) throws Wiring
{
    CandidateMain candidateMain = new CandidateMain();
    String result = candidateMain.addCandidate();
    //System.out.println(result);

    try {
        //CandidateMain bean = new CandidateMain();
        bean.setName("My");
        bean.setAge(17);
        bean.setSex("M");
        bean.setDOB("17/01");
        result = candidateMain.addCandidate(bean);
        ArrayList<CandidateBean> al = candidateMain.displayAll();
        Iterator<CandidateBean> i = al.iterator();
        while(i.hasNext())
        {
            CandidateBean bean = i.next();
            System.out.println(bean.getId()+" "+bean.getName()+" "+bean.getAge());
        }
    } catch (SQLException e) {
        // TODO Auto-generated catch block
        //System.out.println("Wrong input");
    }
    System.out.println(result);
}

```

```

SQL> connect
SQL> create table newid number, name varchar(20);
Table created.
SQL>

```

**Knowledge Checkpoint**

1. Suppose you are a web developer working for an Online Movie Service. You want to use a servlet called MovieServlet so that clients can access the latest film shows for the day in a particular city from your movie database. Determine the correct sequence of following steps carried out by MovieServlet when processing a request from a client

Sl.No	Description
1	Check information included in the Http request
2	Access any necessary business components or data storage
3	Set the appropriate Http response parameters
4	Read data submitted by the client
5	Send the response to the client
6	Format the results in a response

Ms K Mythili, Asst. Professor, Dept. of IT handled Placement Classes for all the Students of Third Year B.E./B.Tech. classes on “**Collections Framework in Java**” between 12.00 noon and 1.00 pm on 01 May 2020.

**Comparable Interface**

`compareTo(T other)`

Comparable interface defines just one method - `int compareTo(T other)`; a generic type, in our case it will be the type `A`

**Implementing Comparable**

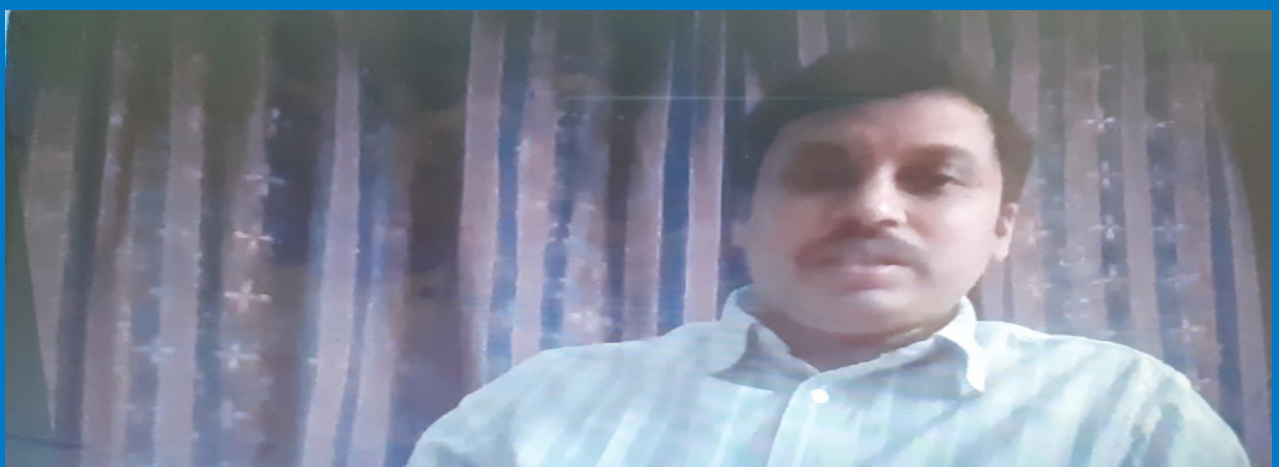
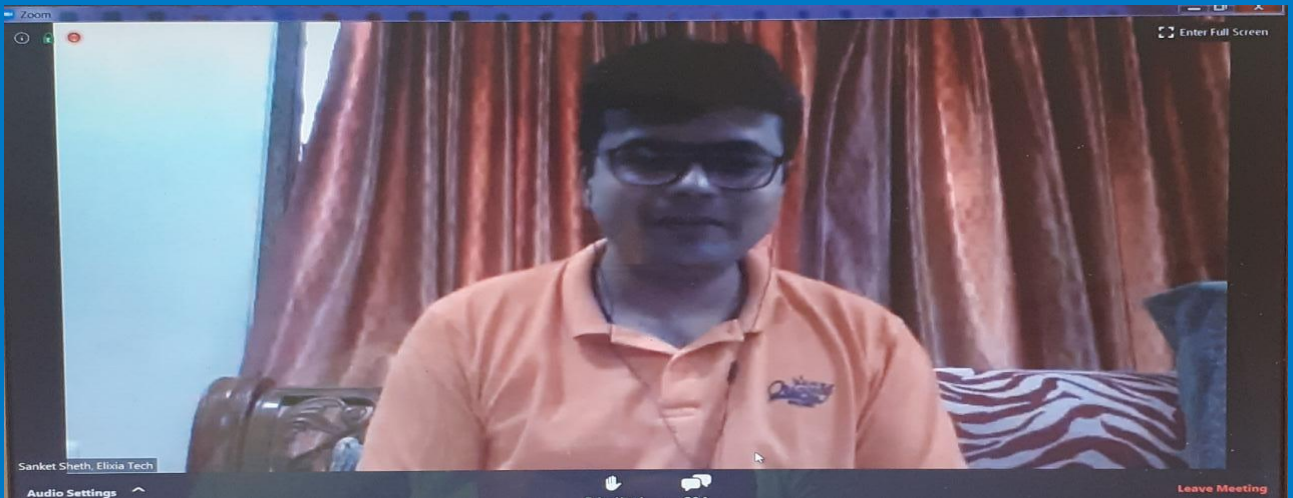
May I introduce you to Fatty-Farmer, our client.

```
1  this.rollno = rollno;
2  this.name = name;
3  this.marks = marks;
4  }
5  public int compareTo(Student obj)
6  {
7      Student student = (Student) obj;
8      return this.name.compareTo(student.name);
9  }
10 }
11
12 class Main
13 {
14     public static void main(String[] args)
15     {
16         ArrayList al = new ArrayList();
17         al.add(new Student(10, "Ajay", 66));
18         al.add(new Student(1, "Isha", 78));
19         al.add(new Student(2, "Bari", 45));
20         Collections.sort(al);
21         Iterator itr = al.iterator();
22         while(itr.hasNext()){
23             Student st = (Student) itr.next();
24             System.out.println(st.rollno + "-" + st.name + "-" + st.marks);
25         }
26     }
27 }
```

Input:   
Ajay:66  
Bari:45  
Isha:78

Output:   
Isha:78  
Bari:45  
Ajay:66

Dr K Gaayathry, Asst. Professor, Dept. of EEE attended the day-two Webinar on **"Cutting through Chaos : Supply Chain Innovations Post Covid19"** organized by Ms Upasana Sharma, Entrepreneurship Enabler & Learner, South West Delhi, on 1 May 2020. Mr Anup Agarwal, CEO & Co-Founder, Superprocure, Mr Charles Owen, Partner, Ev2 Ventures, Mr Prasad Sreeram, CEO & Co-Founder, Cogas Technologies elaborately discussed to showcase curated innovations that help corporates optimize Supply chain and Logistics, during COVID -19.





Students and members of faculty from the Dept. of CSE attended a Webinar on “**Leveraging & Optimizing LinkedIn for Professionals & Students**” presented by Ms Preeti Chaudary, Founder LinkedIn Local India, Venture Partner, organized by Learn with Community - an initiative by Mr R Manoj Aiyer, III B.E. CSE B Section, SKCT between 5.00 pm and 6.00 pm on 30 April 2020. Participants received E-certificate from the organizers.

**LinkedIn Networking Strategies** (Latest Edition)

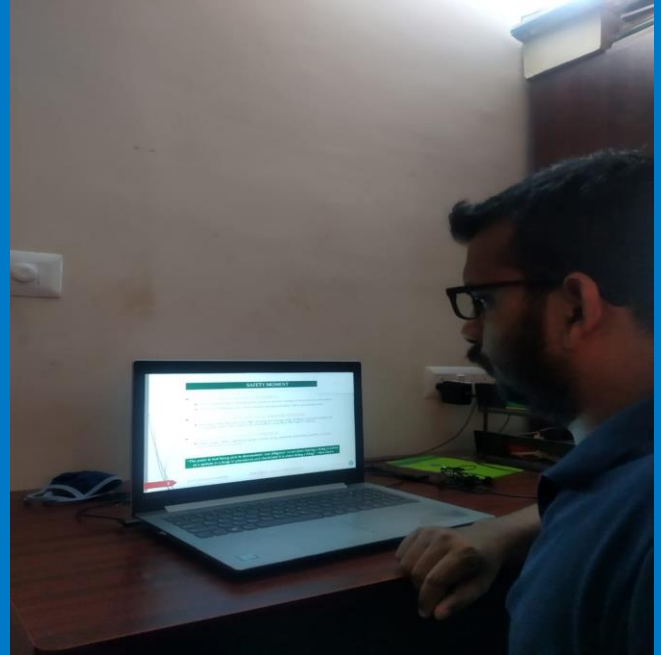
- PROFILE**
  - 1 Use professional headshot
  - 2 Add keywords to headline
  - 3 Clean your custom URL
  - 4 Add multimedia to gallery
  - 5 Get 2+ recommendations
  - 6 Connect to people who view your profile
  - 7 Add links for calls-to-action
  - 8 Customize contact info w/ CTA
- MESSAGING**
  - 9 Don't expect msg conversations
  - 10 Similar to FB Messenger
  - 11 Available on any LI screen
  - 12 Remove unread messages
  - 13 Don't send group messages
  - 14 Ease with your calendar
  - 15 Use text images & video
  - 16 Others quick respond to msgs
- SEARCH**
  - 17 Search for leads & info
  - 18 Find contact details
  - 19 Search employees by company
  - 20 Filter results using keywords
  - 21 Filter search results manually
  - 22 Filter up to 3 search filters
  - 23 Search Groups & Companies
  - 24 Search for jobs by industry
- RECOMMENDATIONS**
  - 25 Have self post up on 'recommended'
  - 26 Ask for recs from clients
  - 27 Provide recs consistently
  - 28 Be specific when providing
  - 29 Only LI users can provide recs
  - 30 Strengthen client relationships
  - 31 Create system of asking for recs
  - 32 Provide details including how recommendations
- GALLERY**
  - 33 Include multimedia on profile page
  - 34 Recs section can have a gallery
  - 35 Add photos, videos, PDFs
  - 36 Recs links in profile bio/articles
  - 37 Create 30 sec welcome video for LI
  - 38 Write accessible gallery titles
  - 39 Include CTA links in descriptions
  - 40 Best to landing page for opt-in
- ENDORSEMENTS**
  - 41 Have quick visibility
  - 42 Add skills to your profile first
  - 43 Remove Recs when silent
  - 44 Be respectful for detail
  - 45 Email with clients for recs
  - 46 Dedicate top colleagues
  - 47 Endorse weekly, video only
  - 48 Recs removed allow default endorsements = public, like
- CONNECTIONS**
  - 49 Quality connections of lead
  - 50 Start conversations, shared
  - 51 Engaged in clients, reviews
  - 52 Include past colleagues
  - 53 Add keywords, professional
  - 54 Include leads heard via search
  - 55 Connect w/ industry experts
  - 56 Identify super connections
- GROUPS**
  - 57 Create. Don't stress in setting
  - 58 Ask colleagues for groups they use
  - 59 Recs group content before joining
  - 60 Be conversational group member
  - 61 Introduce yourself area joined
  - 62 Introduce & participate in discussion
  - 63 Introduce yourself in LI & video
  - 64 Use your piece to ask questions

**LinkedIn Marketing Sequence**

```

    graph TD
      Newsletter([Newsletter]) -- Copy/Paste --> LinkedInArticle[LinkedIn Article]
      LinkedInArticle -- 2-4 Days --> LinkedInPost([LinkedIn Post])
      LinkedInPost -- 2-4 Days --> LinkedInGroupDiscussion[LinkedIn Group Discussion]
      LinkedInGroupDiscussion -- 2-4 Days --> LinkedInMessage([LinkedIn Message])
  
```

Dr M Karthigai Pandian, Asso. Professor, and Mr S Dilip Kumar, Asst. Professor, Dept. of ICE attended a Webinar organised by ISA-Chennai Chapter on **“Functional Safety in Chemical Process Industries”** delivered by Ms Jamuna SaiGanesh, Safety Instrumentation Systems, SME - SIS, Dow Chemicals, Chennai on 1 May 2020.



### INDEPENDENT PROTECTION LAYERS

The diagram illustrates the concept of Independent Protection Layers (IPLs) in risk management. On the left, a funnel-shaped risk matrix shows three levels: UNACCEPTABLE (top, red), TOLERABLE OF ALARP (middle, yellow), and ACCEPTABLE (bottom, green). Below this, a horizontal bar chart shows the progression of risk from Residual Risk to Tolerable Risk to Process Risk, with 'Necessary Risk Reduction' and 'Actual Risk Reduction (ALARP)' indicated. On the right, a vertical stack of protection layers is shown, categorized into 'Mitigate' and 'Prevent'. The layers from top to bottom are: Emergency response layer (Plant and Emergency Response), Passive protection layer (Dike), Active protection layer (Relief valve, Rupture disk), Safety layer (Emergency Shut Down, Trip level alarm), Process control layer (Process Shutdown, Process alarm), and another Process control layer (Basic Process Control System). A graph below the layers shows 'Process Value' over time, with a 'Normal behaviour' curve and a 'Process Shutdown' curve triggered by an 'Emergency Shut Down' event.

JG

Jamuna Sai Ganesh (Host...)

Participants

- D Dilip Kumar S. (me)
- J Jamuna Sai Ganesh (Host, online)
- A Aagil
- AR Aaradhika Rao
- A AGALIYAS
- AS Agath Senthikumar
- AR Ajeeth Ramakrishnan
- AA anuja anumugam
- AS Anupam Saurabh
- A Aravithasamy
- AV AJUN V
- A Aron
- A an

16

JAMUNA SAIGANESH      PERSONAL AND CONFIDENTIAL

01-05-2020

🔊
👤
✖

Dr S Narendiran, Asso. Professor, Dept. of ICE attended a Webinar organised by European Commission of Renewable Energy on “**Renewable Energy on Islands-Electricity Storage and Integration Challenges**” delivered by Prof. Francesco Contino, University of Catholique de Louvain on 1 May 2020.

The screenshot shows a webinar presentation slide. On the left, there is a small video feed of a man. The main content is a slide with the following text:

UNIVERSITY OF ZAGREB FACULTY OF MECHANICAL ENGINEERING AND NAVAL ARCHITECTURE

### Renewslands/ADEG METHODOLOGY

1. Mapping the **needs**
2. Mapping the **resources**
3. Devising **scenarios** with technologies that can use available resources to cover needs
4. **Modelling** the scenario

Renewable and Sustainable Energy Reviews  
Volume 12, Issue 4, May 2016, Pages 1013-1062

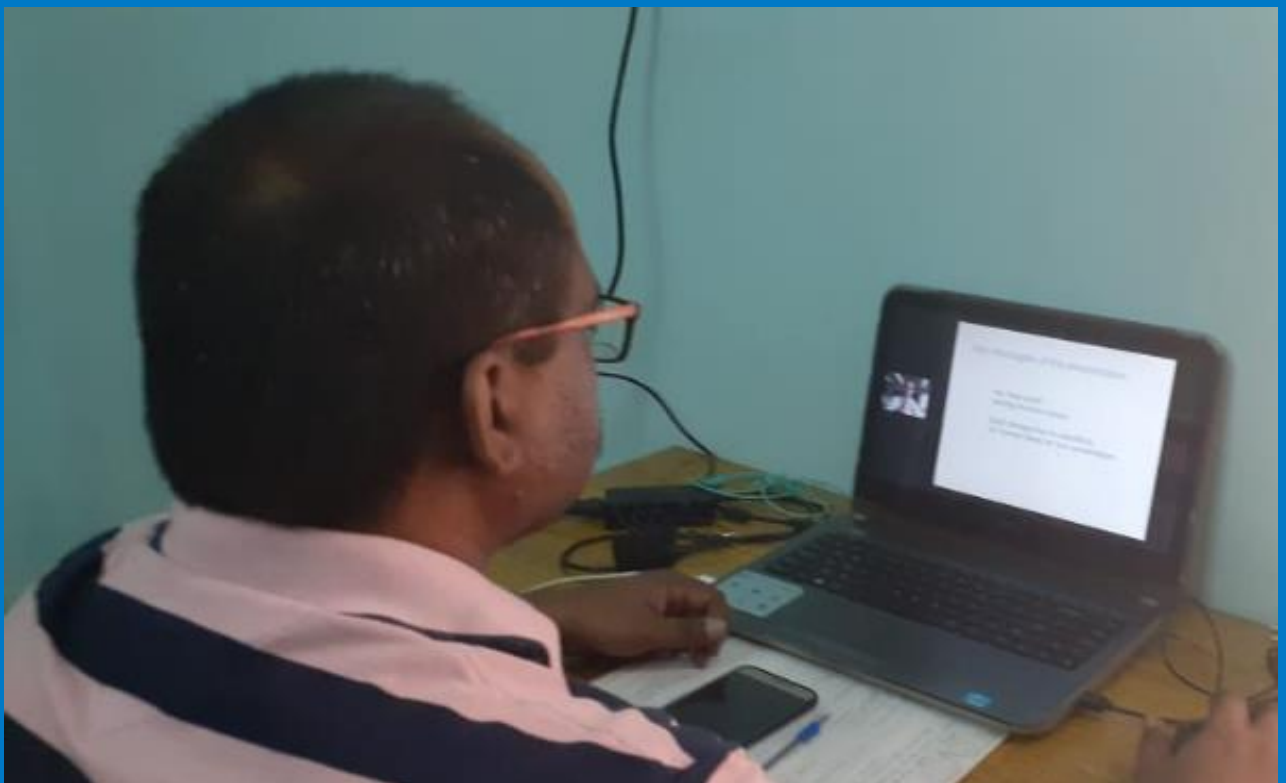
Renewslands methodology for sustainable energy and resource planning for islands  
Naveen Datta<sup>1,\*, R. Govan Kirpalid<sup>1</sup>, Maria da Graça Carvalho<sup>1</sup></sup>

The right side of the slide features a flowchart of the methodology:

- 1. MAPPING THE NEEDS (with a bar chart)
- 2. MAPPING THE RESOURCES (with a line graph)
- 3. DEVISING SCENARIOS with technologies that can use available resources to cover needs. This step includes sub-steps: 3.1 Feasibility of technologies, 3.2 Feasibility of storage, 3.3 Integration of flows, and 3.4 Devising the scenarios.
- 4. MODELLING. This step includes: Technical evaluation, Economic evaluation, Evaluation of Security of supply, Environmental evaluation, and Social evaluation.

Additional elements in the flowchart include 'GRID SYSTEM ANALYSIS' and 'Optimization Constraints'.

At the bottom left of the video player, it shows a play button and the text '45:41 / 1:05:09'. At the bottom right, there are icons for volume, zoom, and a list.

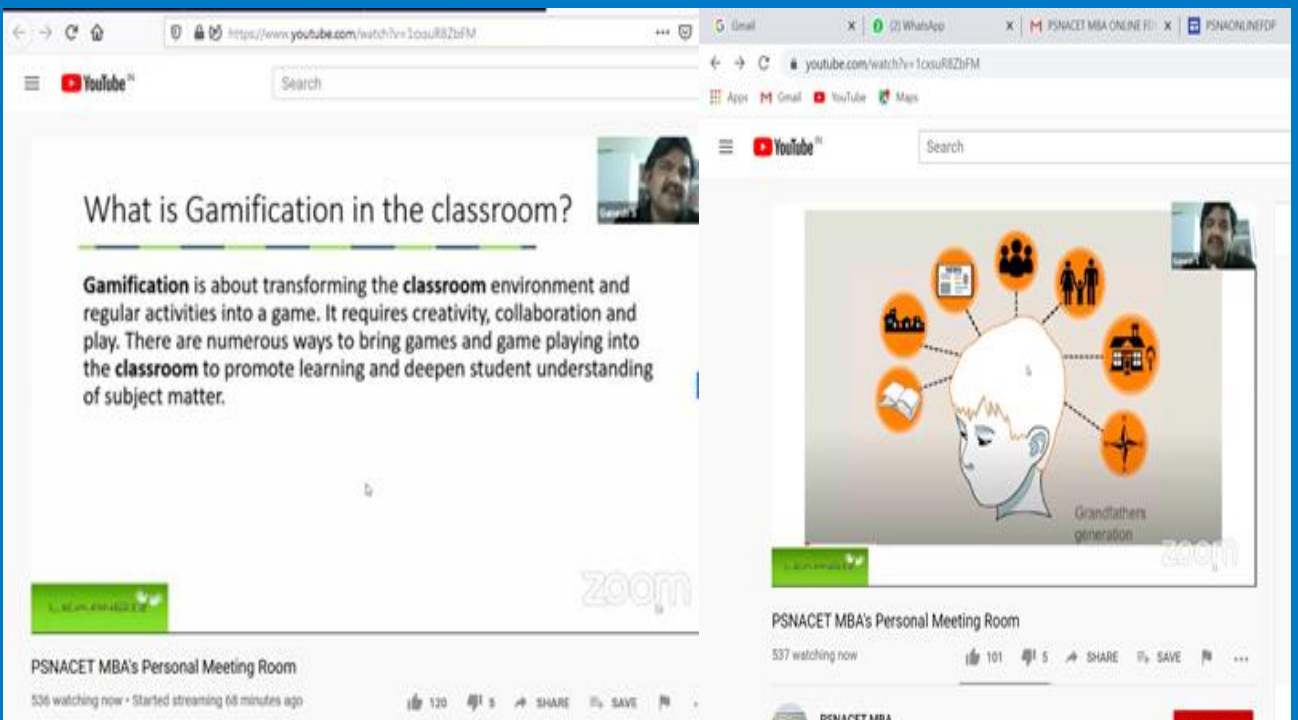




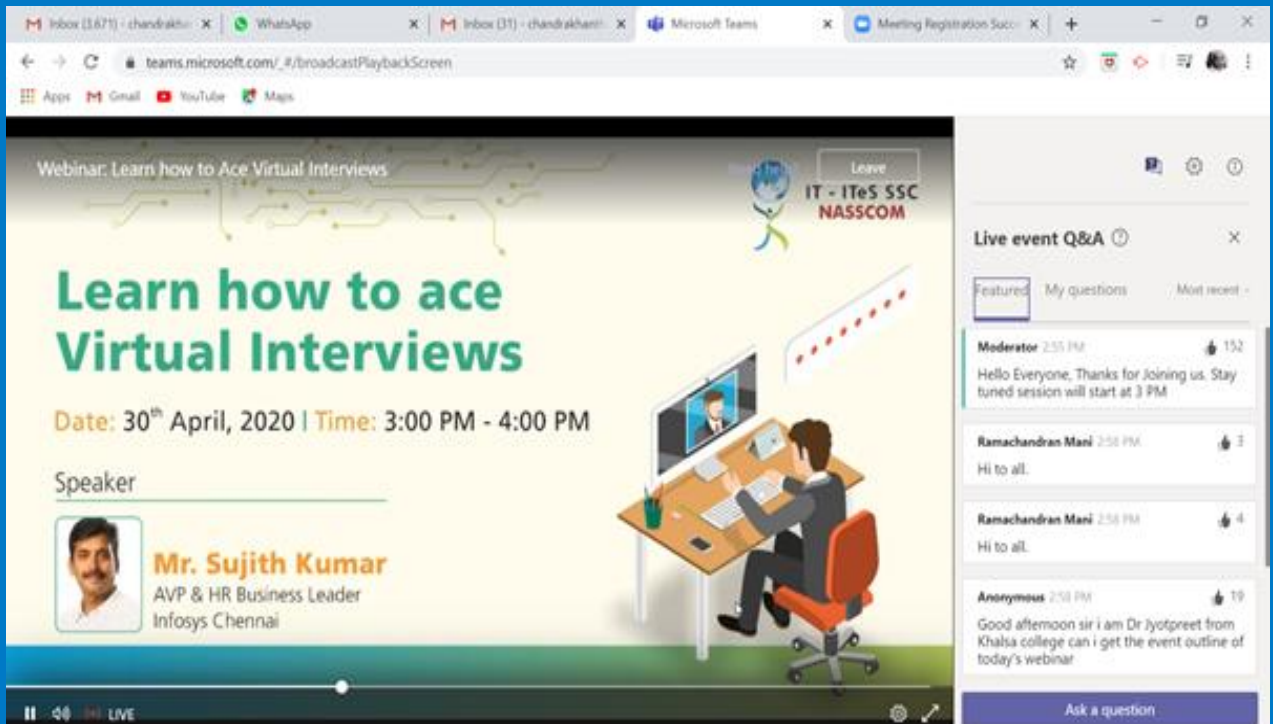
Mrs K Shanthi, Asst. Professor, Dept. of ICE attended a Webinar on **“Love Your Work - How to Discover Your Life Purpose and Turn It into Career”**, presented by Mr Jon Tasch, Finance Director at Neal’s Yard Dairy, London, on 1 May 2020.



Dr R Prabusankar, Professor, Mrs Y Arul Sulochana, Dr J Chandrakhanthan and Mr R Saravanan, Asst. Professors, School of Management attended a Webinar on **“Learning Through Gamification”** organized by the Department of Management Studies, PSNA College of Engineering and Technology, Dindigul on 30 April 2020.



Dr J Chandrakhathan, Asst. Professor, School of Management attended a Webinar on **“Learn How to ACE Virtual Interview”** on 30 April 2020 organized by NASSCOM. Mr Sujith Kumar, AVP & HR Business Leader, Infosys, Chennai was the Resource Person.

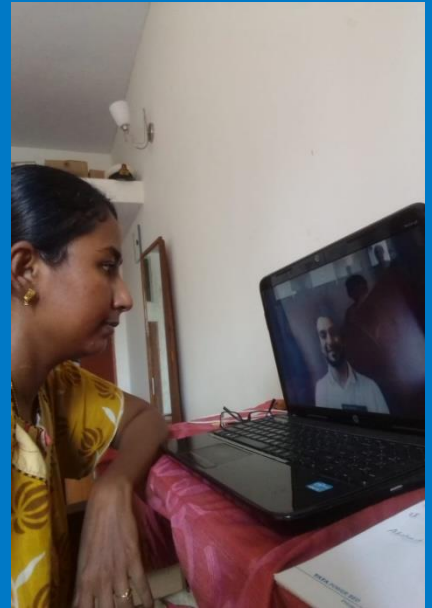
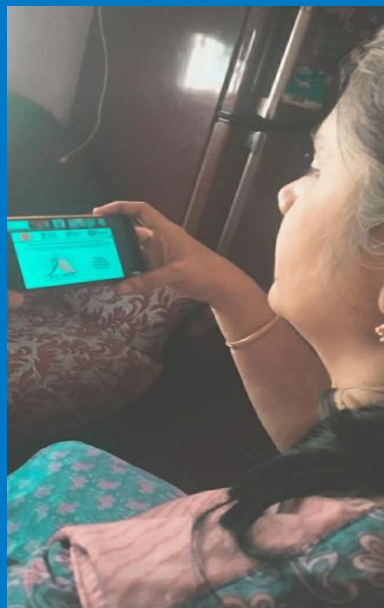
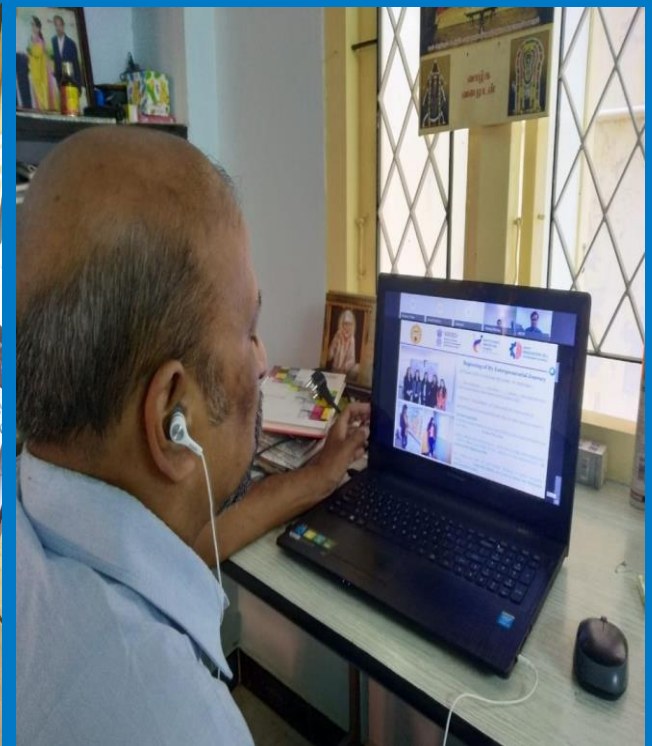


Dr J Chandrakhathan, Asst. Professor, School of Management attended a Webinar on **"Navigating the Corona Wave"** on 30 April 2020 organized by Nativelead Foundation, Madurai. Mr C K Ranganathan, Founder Chairman, Cavin Kare was the Resource Person.

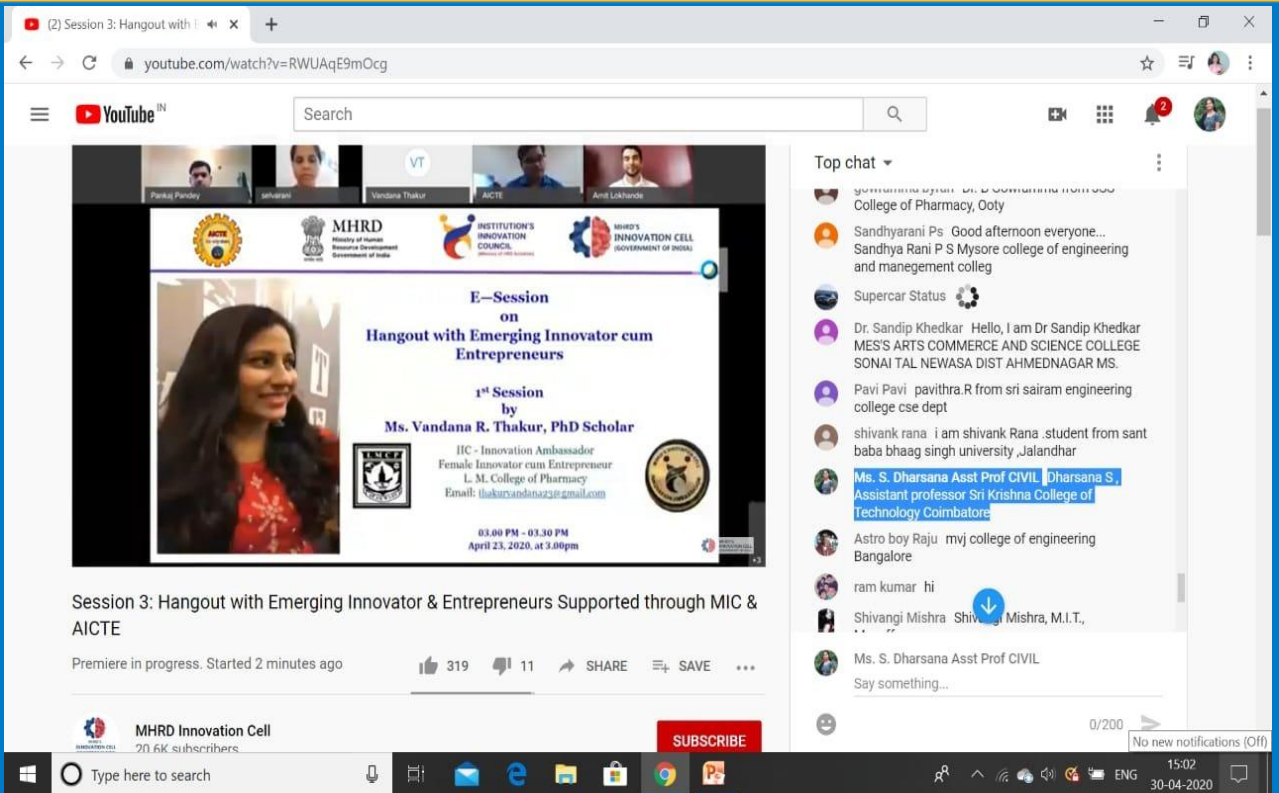




The Students and the Members of Faculty in the Dept. of Civil Engineering attended the Online Session on **“Hangout with Emerging Innovator & Entrepreneurs Supported Through MIC & AICTE”** organized by Institution's Innovation Council and MHRD's Innovation Cell on 30 April 2020. Ms Vandhana Thakur, Female Innovator cum Entrepreneur, Canada India Acceleration Program 2020, L M College of Pharmacy and Mr Amit Snajay Lokhende, Innovator cum Entrepreneur, India – South Korea Startup Exchange Program 2020, Institute of Chemical Technology, Mumbai, chaired the session.

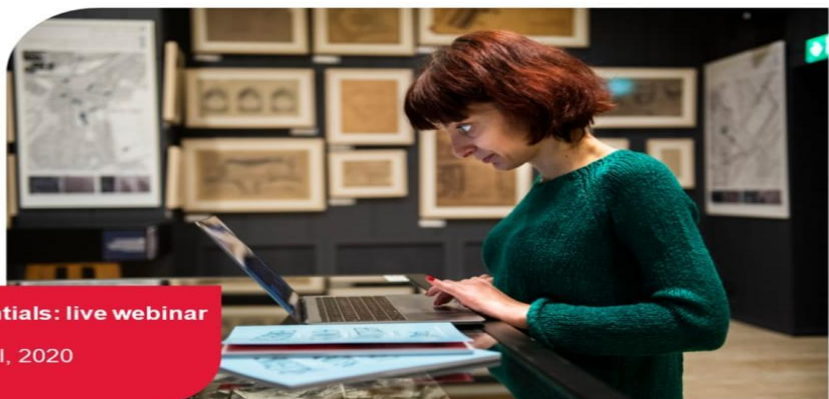






Dr V Thiyagarajan, Professor of English, Dept. of Science and Humanities, attended the Webinar on “**Online Teaching Essentials**” organized by British Council, India on 30 April 2020.

## 'Online teaching essentials' on 30 April



**Online teaching essentials: live webinar**

**Date:** Thursday, 30 April, 2020  
**Time:** 4 – 5 PM IST

Ms K Sindhumeena, Asst. Professor, Dept. of IT attended a Webinar on “The AI Parley” organized by NASSCOM Center of Excellence for DSAI, to explore various opportunities during COVID-19 and to create the AI Space on 01 May 2020.

The screenshot shows a Zoom meeting interface. On the left, a slide titled "OPPORTUNITY IN CRISIS" is displayed, featuring logos for INNOVATE NASSCOM, K-tech, and the event title "The AI Parley". Below the slide, a chat message from AKSHAYA Sethuraman is visible: "From AKSHAYA Sethuraman to All Yes Sir, it will be better if we can have a copy of the session mailed to the participant .Atleast the audio alone. It will be of...". On the right, the "Participants (148)" list is shown, including Sindhu Meena (me), Supriya (host), Madhav Bissa (co-host), Praveen (co-host), Snehanshu (co-host), Sudeep - C (co-host), rostow, 1jM2s0bfj7WXoEEsQ\_..., Aakar Sood, AKSHATHA SHETTY, and AKSHAYA Sethura... with icons for mute, video, and chat.

**Panel 1: 10:00-10:45 AM**

Topic: Will COVID-19 accelerate the adoption of AI for social good?



**Moderator**  
Pankaj Rai  
Senior Vice  
President, Wells  
Fargo



**Speaker**  
Rostow Ramanan  
CEO, Factini  
Advisors LLP



**Speaker**  
Divesh Singla  
VP of Regulatory  
& Access  
Consulting,  
Parexel



**Speaker**  
Dr. Dinesh  
Chandrasekar  
CIO & Head of Digital  
Innovations, Solutions  
& Consulting,  
Pactera EDGE



**Speaker**  
Dr. Avik Sarkar  
Faculty, Indian  
School of  
Business

**Panel 2: 10:45-11:30 AM**

Topic: Setting up AI for success: Strategic focus areas to deliver in crisis



**Moderator**  
Sameer  
Dhanrajani  
CEO, AIQRATE  
Advisory and  
Consulting



**Speaker**  
Anshu Sharma  
Raja  
MD, Retail  
Banking  
Technology,  
Standard  
Chartered Bank



**Speaker**  
Anees Merchant  
EVP of Applied AI  
& Digital,  
Course5i



**Speaker**  
Soumendra  
Mohanty  
EVP of Analytics  
and COO,  
Tredence



**Speaker**  
Rajan  
Sethuraman  
CEO, Latent View  
Analytics

Ms M Malathi, Asst. Professor, Dept. of IT attended a Webinar on **“To Guide Students to Select Meaningful Engineering Projects”** organized by LA Dassault Systems. The Resource Person Mr Sanjiv S Mantri, Chief Engineer, Tata Motors Ltd., discussed the Project Guidance Strategies on 30 April 2020.

### Industry-Academia Connect

*Empowering Workforce of the Future  
To address Employability and Talent Readiness Challenge*

- Give visibility to students to Catch Industry Attention through Projects Display
  - Showcase Student Projects to Industries across India
  - Through the projects we expect students to showcase their understanding of Engineering concepts and how they have applied these to real life problem, Industry use case.
- Through conference, On-line Platform

Helping Students to be "Future Ready"

Showcase Student Projects

Industry Defined Projects

Mentorship Network

Internship, Future Skills Workshops

**DASSAULT SYSTEMES**  
La Fondation

acer

## La Fondation Dassault Systemes

Welcomes Students, Professors and All participants in the webinar Series

To Guide Engineering Students to Select Meaningful Projects  
which will help them to be "Industry Ready"

We will start the Session at  
4:00 PM IST

**DASSAULT SYSTEMES**  
— La Fondation —

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# FACULTY DEVELOPMENT PROGRAMMES

Dr E Nandakumar, & Dr S Vimalraj, Asso. Professors, and Dr B Balraj, & Mr T Bharaniprakash, Asst. Professors, Dept. of EEE attended the day five of the short-term Course on “Effective Teaching Learning Process” conducted by Prof. K Chandrakumar, Professor, NITTTR, Chandigarh on 1 May 2020.

The screenshot shows a Cisco Webex Meeting window. The main area displays a code editor with the following code:

```
void setup() {  
  // put your setup code here, to run once:  
}  
  
void loop() {  
  // put your main code here, to run repeatedly:  
}
```

The chat window on the right contains the following messages:

- 12:17 PM: this is the link of the whatsapp group: <https://chat.whatsapp.com/JEe7brMiXXVJWEESpOMsRB> from Esther Rani Thuraka to everyone:
- 12:17 PM: sir i am not in WhatsApp group from NIRBAN CHAKRABORTY to everyone:
- 12:18 PM: my pleasure sir from Esther Rani Thuraka to everyone:
- 12:18 PM: my what's app number is 9502913660 from NIRBAN CHAKRABORTY to everyone:
- 12:18 PM: kindly join using that whatsapp group link from Esther Rani Thuraka to everyone:
- 12:19 PM: thank you from Dr.China Venkateswarlu Sonagiri to everyone:
- 12:20 PM: sir other voice is coming sir from Bs to everyone:
- 12:22 PM: please repeat the steps sir from Tapan Jain to everyone:
- 12:23 PM: [http://arduino.esp8266.com/stable/package\\_esp8266com\\_index.json](http://arduino.esp8266.com/stable/package_esp8266com_index.json) from Dr. S. V. Divya to everyone:
- 12:23 PM: Sir i cant post my attendance it is telling that i am Telepresence participant from 30IOTU11 to everyone:
- 12:25 PM: node mcu procedure link i have shared in whatsapp group also from Dr. S. V. Divya to everyone:
- 12:25 PM: please share the attendance form now sir

The screenshot shows a Cisco Webex Training session interface. The session details are as follows:

Topic:	Effective Teaching Learning Process	
Host:	electrical2 electrical2	
Audio Conference:	India Toll (Delhi)	+91-11-6480-0114
	India Toll (Mumbai)	+91-22-6480-0114
	<a href="#">Show all global call-in numbers</a>	
Access code:	917 609 876	
Attendee ID:	11599	
Training session number:	917 609 876	

The participants list on the right shows:

- Speaking: electrical2 electrical2 (Host)
- Panelist: 1
- Attendees: 266
- Participants: E NANDAKUMAR (me), A BABIYOLA

Dr E Nandakumar, Asso. Professor & Ms T Dharanika, Asst. Professor, Dept. of EEE attended the day two of the FDP on “**Wireless Sensor Network**” conducted by Dr Tapan Kumar Jain, Professor, IIT, Nagpur on 1 May 2020.

Cisco Webex Meetings

File Edit Share View Audio Participant Meeting Help

Viewing Tapan Jain's applic...

## Objective 1:

- Minimum energy consumption**
  - Wireless Environmental Monitoring System (WEMS)
  - Clustering using sensing range
  - Quantitative Hierarchical Agglomerative clustering
- Maximum coverage and connectivity**
  - Using Isolated nodes
- Optimized network lifetime**
  - Multiple sink WSN through energy balancing

1 May 2020 12

Cisco Webex Meetings

File Edit Share View Audio Participant Meeting Help

Viewing Tapan Jain's screen

```
void loop() {
  digitalWrite(13, HIGH); // turn the LED on (HIGH is the voltage level
  Serial.println("HIGH");
  delay(10000); // wait for a second
  digitalWrite(13, LOW); // turn the LED off by making the voltage
  Serial.println("LOW");
  delay(3000); // wait for a second
}
```

Chat

<https://chat.whatsapp.com/IFe7brMiXXVJWEESpOMsRB>

from 30IoT164 to everyone: 2:40 PM  
Sir not able to follow the blink example  
from Anna Purna to everyone: 2:40 PM  
no video and audio sir  
from sangeethapriya to everyone: 2:40 PM  
sir im not able to get your screen along with audio  
from 30IoT164 to everyone: 2:41 PM  
Sir not able to follow the blink example  
from sangeethapriya to everyone: 2:41 PM  
now ok sir  
from 30IoT164 to everyone: 2:41 PM  
yes sir  
from Chiranjit Dutta to everyone: 2:41 PM  
Yes Sir  
from sangeethapriya to everyone: 2:41 PM  
s sir  
from Ashlin Deepa R N to everyone: 2:41 PM  
s sir  
from 30IoT015 - V A BALAKRISHNA to everyone: 2:41 PM  
yes  
from Y Sreenivasula Goud to everyone: 2:41 PM  
s  
from NIRBAN CHAKRABORTY to everyone: 2:41 PM  
yes sir

To: Everyone

Enter chat message here

2:45 PM  
Thursday  
4/30/2020

Members of faculty, Dept. of EEE attended the day four of the FDP on “Load Frequency Control in Interconnected Power System” conducted by Dr G Uma Papa, Additional Deputy GM, NLC India Ltd. It was organized by Dr NGP Institute of Technology, Coimbatore on 30 April 2020.

Zoom You are viewing Dr. G. Uma Papa A's screen View Options

Dr. G. Uma Papa...

### Specification for the current design

For the current design, total area capacity in each area is considered as 1000MW and normal operating Load is assumed as 500MW.

Load damping =  $\frac{\partial P}{\partial f}$

$$\frac{\partial P}{\partial f} = \frac{500MW}{50Hz} = 10 MW / Hz$$

In p.u. value of load damping  $D = \frac{10MW / Hz}{1000MW} = 0.01 pu.MW / Hz.$

Regulation of the speed governor in Thermal Power Plant =  $R_1 = (N_0 - N) / N_r$   
 $N_0$  - speed at no load  $N$  - Speed at rated load  $N_r$  - Rated speed

Regulation of the speed governor in Hydro Power Plant =  $R_2$

$$R_1 = 2 HZ / pu.MW \quad R_2 = 2.4 HZ / pu.MW$$

Power System Gain constant =  $K_p \quad K_p = \frac{1}{D} = \frac{1}{0.01} = 100 Hz / pu.MW$

Power System Time constant =  $T_p \quad T_p = \frac{2H}{f_s D} = \frac{2 \times 5.0}{50 \times 0.01} = 20 Sec.$

Audio Settings Chat Lower Hand Q&A Leave Meeting

4:52 PM Thursday 4/30/2020

4:27 PM 950-1342-6728 Password: 074964 Leave Recording

**NATIONAL GRID**

UNDHYACHAL - SINGRAULI BACK TO BACK HVDC (500 MW)

RAMAGUNDARI - CHANDRAPUR BACK TO BACK HVDC (500 MW)

ALLAHABAD - BASARAM BACK TO BACK HVDC (500 MW)

220 Kv. LINE WITH SYN. (IG)

1. NREB - JK, HP, D.P, H, UP, RU  
 2. WREB - MH, GU, MP, CH, RR  
 3. SREB - TN, AP, KAR, KERALA  
 4. EREB - BR, JH, WB, OR  
 5. REST 5 STATES.

KOLAR - THALTCHER HVDC BI POLAR (2000 MW)

GAZIWAKA - JEYPORE BACK TO BACK HVDC (500 MW)

Chats Raise Hand Q&A More

4:17 PM 950-1342-6728 Password: 074964 Leave

### Introduction

In the current scenario of competitive world, availability of good quality power is essential.

The electrical form of energy can be transported & controlled with a high degree of efficiency & reliability.

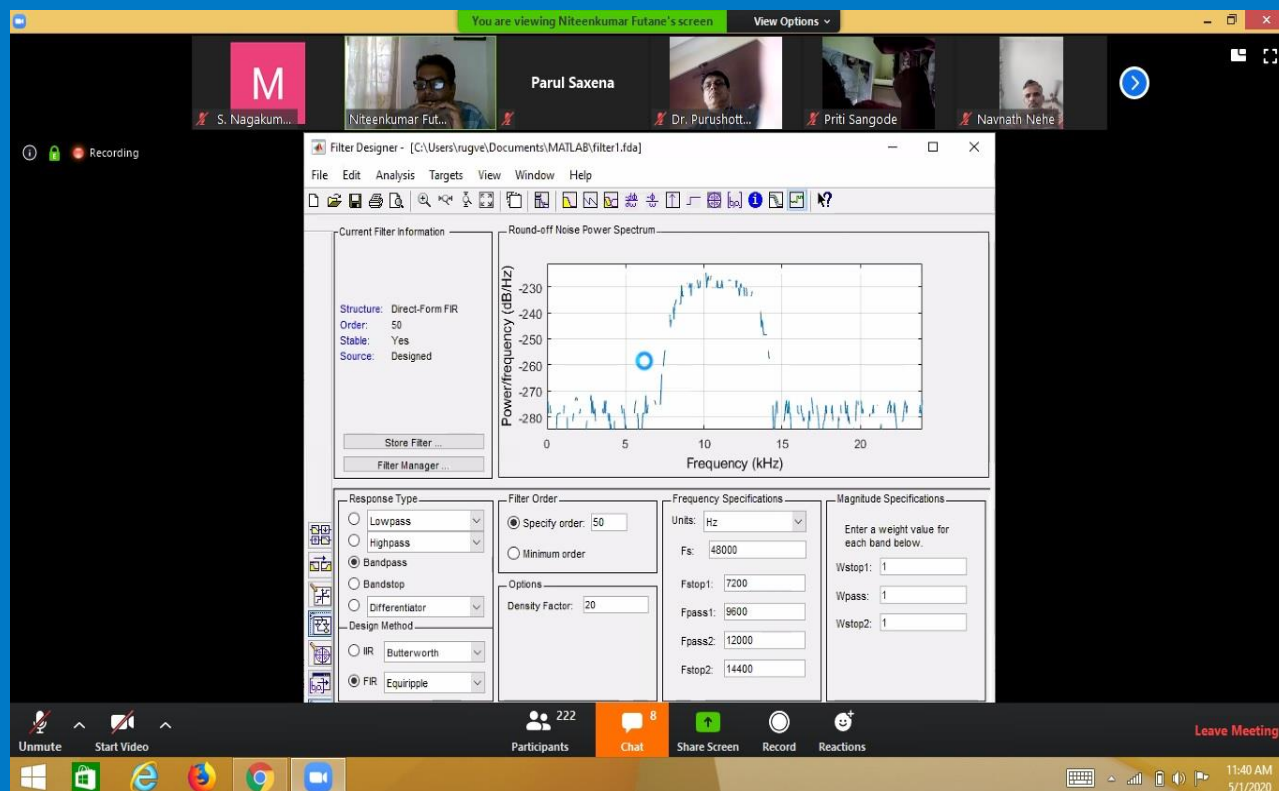
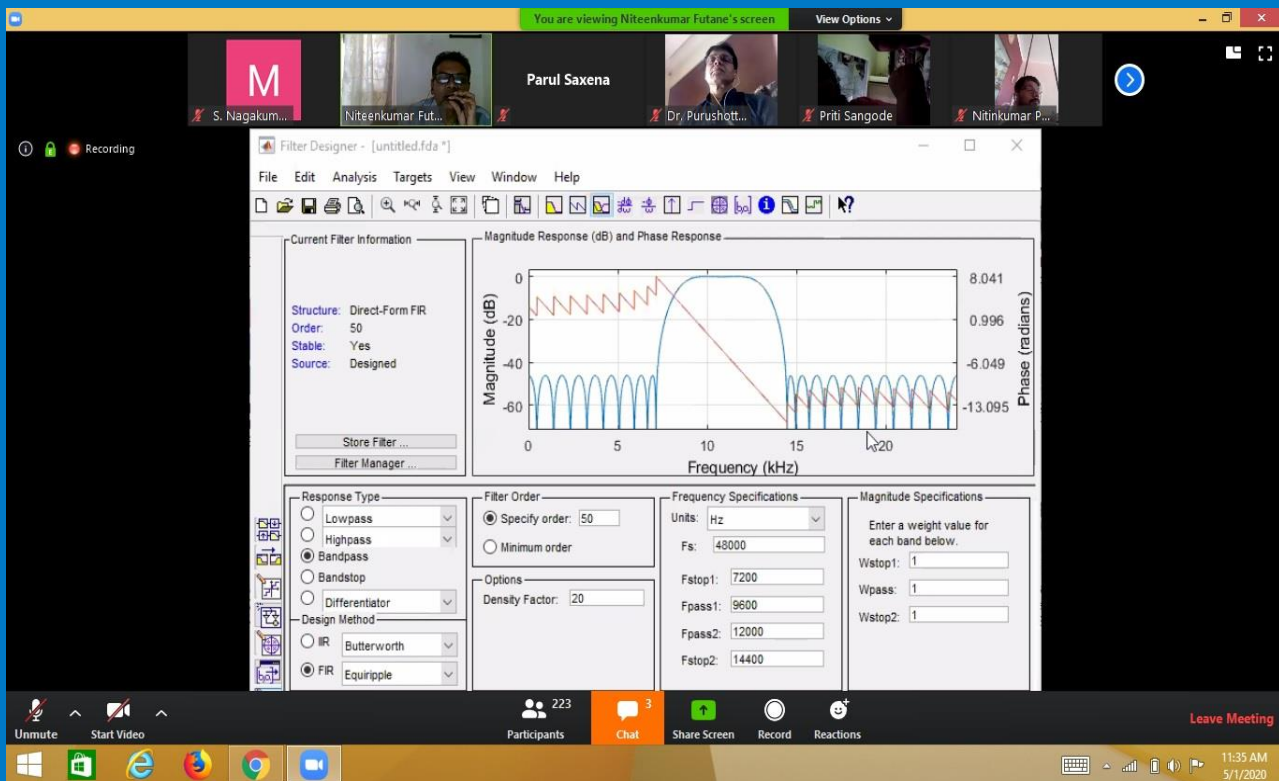
A properly designed system must be able to meet the **continually changing load demand.**

Quality of power supply is maintaining constancy of voltage, frequency and level of reliability.

Chats Raise Hand Q&A More



Mr S Nagakumraraj, Asst. Professor, Dept. of EEE attended the day five of the FDP on “MATLAB Applications in Engineering & Science”, sponsored by Technical Education Quality Improvement Programme (TEQIP Phase III) and handled by Dr Niteenkumar Futane, Professor, Government College of Engineering, Pune on 1 May 2020.



Dr M Deva Priya, Ms B Dhanalakshmi and Mr T Raghunathan, Dept. of CSE attended the Day 5 Session of the five-day short-term course on “Linux Applications in Engineering Education” on 01 May 2020 organised by NITTTR, Chandigarh. The session was handled by Dr Gaurav Kumar, National Institute of Technical Teachers Training & Research, Chandigarh.

You are viewing Gaurav Kumar's screen View Options

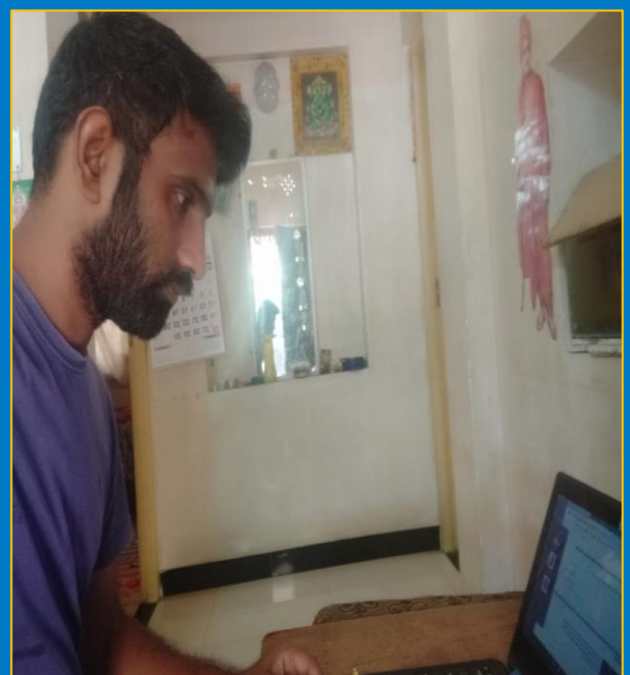
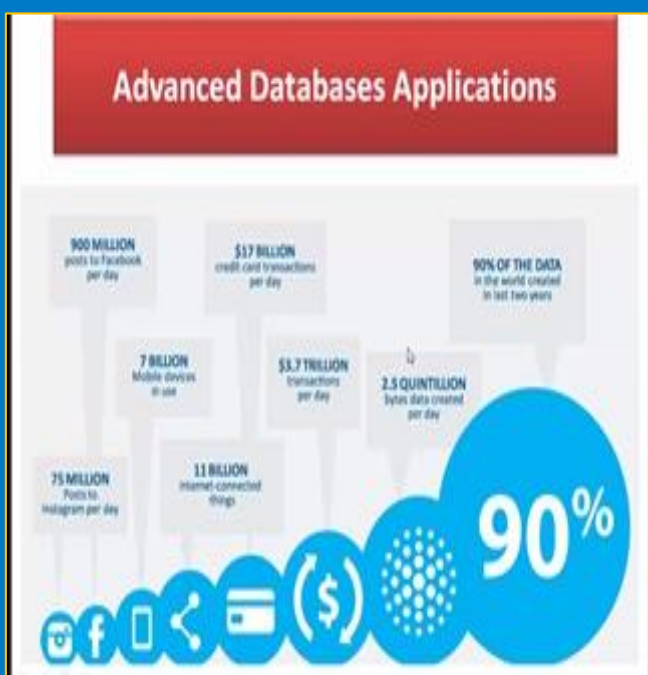
One Gram of DNA -> 700 TeraBytes

**AADHAAR**  
**UIDAI**

- World's Largest Biometric Database
- 6,000 Servers
- Unstructured Database Engine MongoDB
- 1.2 Billion Registrations

Category	Count	Label
Enrollment	1,216,524,633	Aadhaar Generated
Update	209,077,036	Aadhaar Updated
Authentication	20,677,129,668	Authentication Done
eKYC	5,738,346,007	eKYC Done

Participants: 299 | Chat: 21 | Share Screen | Record | Reactions



Members of Faculty, Dept. of ECE have been certified for having successfully completed the **Faculty Development Program** conducted by NITTTTR, Chandigarh.





# TALK SERIES

Members of Faculty from SKCT attended the Sky Campus – “Digital Knowledge Series 2020 Season 3” organized by the ICT Academy on 01 May 2020. Mr Vivek Mehra, Managing Director & CEO, SAGE Publications India Pvt. Ltd., Mr Ravi Arora, Vice President – Innovation, Tata Sons and Dr Sandeep Sancheti, Vice Chancellor, SRM- Institute of Science and Technology interacted with the attendees. Mr A Sureshkumar, Asst. Professor, Dept. of IT coordinated the event.

Anand.ict  
Today, 12:29  
LIVE WEBINAR

ICTACADEMY  
Presents  
**Skycampus**  
DIGITAL KNOWLEDGE SERIES  
2020  
THE FUTURE IS HERE NOW  
EXPERT TALKS & CONVERSATIONS  
27 APR - 01 MAY 2020 - EVERY DAY 10.00 - 11.30  
01 May 2020 (Fri) : 10.00 - 11.30 AM

EXPERT TALKS

**Vivek Mehra**  
Managing Director & CEO  
Sage Publications India

**Ravi Arora**  
Vice President - Innovation  
TATA Sons

**Dr Sandeep Sancheti**  
Vice Chancellor  
SRM Institute of Science and Technology

Moderator : Dr B Anbuthambi, President, ICT Academy

[www.ictacademy.in/skycampus](http://www.ictacademy.in/skycampus)

RECONNECT  
Driving Dozens...

**Holographic Presence**  
Revitalize physical Presence - Travel etc

**Artificial Intelligence**  
Adaptive learning, image recognition, seamless learning

**Game Based Learning**  
Movies, Playstations, and mobile gaming apps-Captive learning

**Flexible Display, LCD Desks**  
Replacement of pen & paper, black boards

**Augmented Reality Virtual Reality**  
3D modeling, 3D printing, virtual reality, immersive learning

**Wearable Devices**  
Built in computing, storage  
Less clutter in mind!

Technologies For Future Education

3617  
00:36:42

Challenge

**Technology led innovations**

eventivebinarj@skc.com is sharing your screen. Stop sharing Hide

3542  
00:47:03

Dr Srinivasan Alavandar, Principal, all the Heads of various Departments, Members of Faculty and Students of Sri Krishna College of Technology, Coimbatore attended the session on **"Hangout with Emerging Innovator & Entrepreneurs Supported through MIC & AICTE"** conducted by Ms. Vandana Thakur, Female Innovator cum Entrepreneur, Canada India Acceleration Program 2020, L M College of Pharmacy, Ahmedabad and Mr. Amit Sanjay Lokhande, Innovator Cum Entrepreneur, India-South Korea Startup Exchange Program 2020, Institute of Chemical Technology, Mumbai on 30 April 2020. Ms V Roopa, Asst. Professor, Dept. of IT coordinated the event.





87 Members of Faculty and 402 students of SKCT attended the NPTEL Special Lecture Series on “Career Options in Data and Analytics” deliberated by Mr Santhosh Mahendiran, Managing Director, Standard Chartered Bank Singapore, on 30 April 2020.

6:04 PM ...4.1KB/s 4G  Standard Chartered  40

## Life cycle : Data Engineering

### Inputs and Sources

Data is collected from various sources

- RETAIL: CSV, Spreadsheets
- MEDIA
- SALES AND MARKETING: SaaS APIs
- SOCIAL: Twitter, LinkedIn, YouTube
- CUSTOMER EXPERIENCE: Web logs
- DEPARTMENTAL DATA MARTS

### Data Processing

Data is ingested, cleaned, stored, and conformed for use

The diagram illustrates the 'DISTRIBUTION OF DATA LAKE' process. It starts with 'Raw Data Storage' receiving input from various sources. This data then flows into 'Cleansing' and 'Conforming' stages, leading to 'Cleansed Data Storage'. From here, data is distributed to 'Real time >EOD View' and 'Within 1 week' (Third-Party @ Time) views. The entire process is supported by a 'DATA MANAGEMENT AND DATA QUALITY PLATFORM'.

### Self-Service Data Access

Data is available in different timeframes depending on user's needs

- Real time >EOD View: SELF-SERVICE DATA MODELING (Data Exploration and Discovery)
- Within 1 week: SELF-SERVICE BI PORTAL AND CRM (Visual Reports and Dashboards)

### Engineering Expertise / Skills needed

- Good coding skills
- Deep engineering skills
- Fluent with open source technologies
- Keen passion to contribute back to open source society

Live\_Career Options in Data and Analytics

1,510 watching now

342 9 Share Report Download

### Data Engineering vs Data Scientists

#### Responsibilities...

Live\_Career Options in Data and Analytics

1,404 watching now

540 17 Share Report Download

NPTEL LIVE STREAMING 41.2K subscribers SUBSCRIBE

Live\_Career Options in Data and Analytics

1,355 watching now

565 19 Share Report Download

NPTEL LIVE STREAMING 41.2K subscribers SUBSCRIBE

Up next: **Entrepreneurship - What You Should Know Before You**

### Life cycle : Data Engineering

Press [Esc] to exit full screen

Scroll for details

### Career Opportunities in Data, Analytics, AI

Live\_Career Options in Data and Analytics

1,355 watching now

565 19 Share Report Download

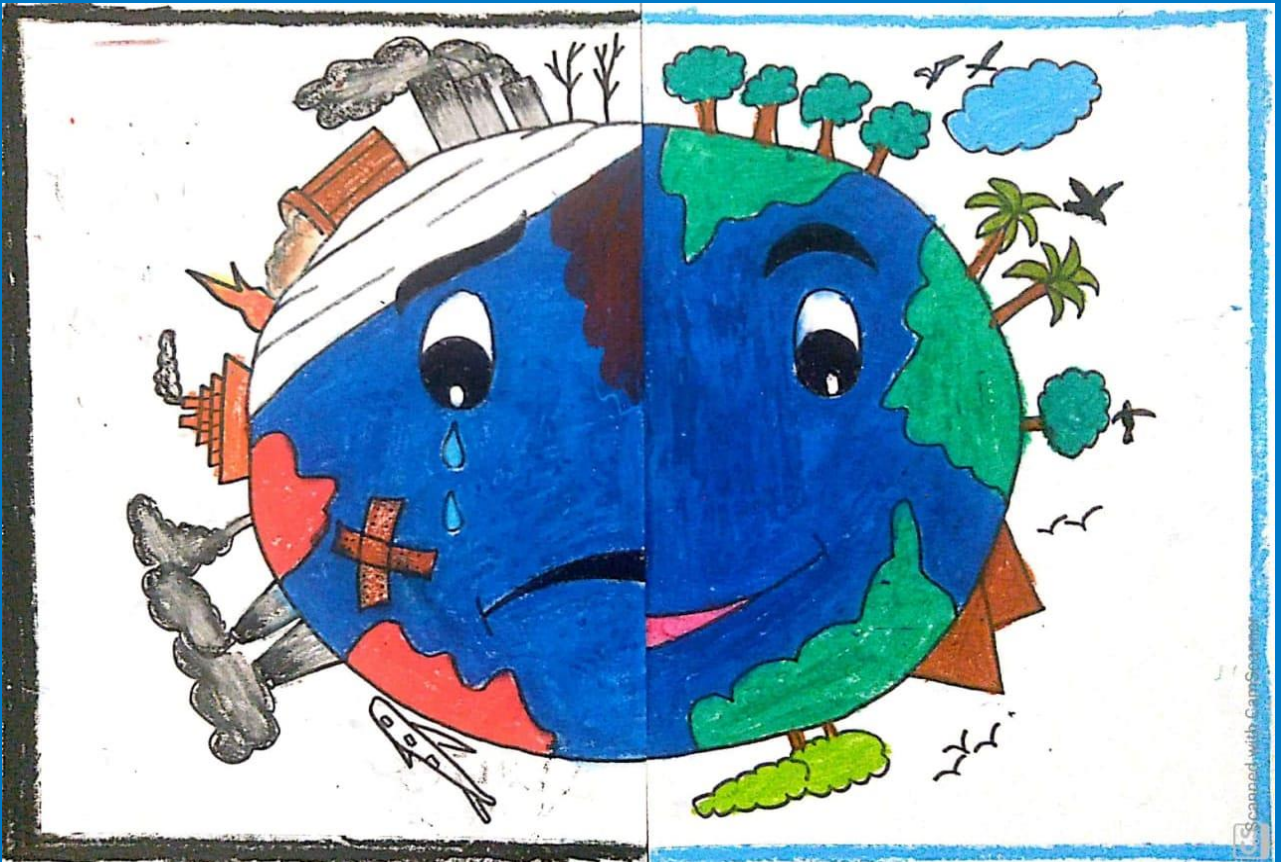
NPTEL LIVE STREAMING 41.2K subscribers SUBSCRIBE

Up next: **Aptitude Reasoning** and **Day-4 | Workshop on Master in APTITUDE & REASONING @ 6:00 PM**



# STUDENTS' PARTICIPATION & ACHIEVEMENTS

Ms V Sheeba of Second Year B.E. EEE B Section sketched the colorful drawings representing "Each Self Cleanliness Makes the World Secure" during COVID-19.



Mr G Rahul Kumar, student of Second Year B.E. Mechanical Engineering class has successfully completed the HP LIFE e-Learning Courses on “**Design Thinking**” and “**Finding Funding**” organized by HP LIFE.

# Certificate of completion

RAHUL G KUMAR



has successfully completed the **HP LIFE e-Learning**  
course on “**Design thinking**”

Through this self-paced, interactive online short course, totaling approximately 1 Contact Hour, the above participant learned the design thinking process steps and applied the process to create ideas to solve a social issue presented in the course, emergency preparedness.

Presented 2020-04-30

A handwritten signature in black ink that reads 'Nate Hurst'.

Nate Hurst  
Sustainability Innovation Officer  
HP Inc.

[hplife.edcastcloud.com/verify/SAXrZXOV](http://hplife.edcastcloud.com/verify/SAXrZXOV)

# Certificate of completion

RAHUL G KUMAR



has successfully completed the **HP LIFE e-Learning**  
course on “**Finding funding**”

Through this self-paced online course, totaling approximately 1 Contact Hour, the above participant actively engaged in an exploration of how to determine which funding sources might be right for starting to build the participant's business, how to search the Internet for relevant information, how to store websites using social bookmarking, and how to download and print documents from the Internet.

Presented 2020-04-30

A handwritten signature in black ink that reads 'Nate Hurst'.

Nate Hurst  
Sustainability Innovation Officer  
HP Inc.

[hplife.edcastcloud.com/verify/GAasmh404](http://hplife.edcastcloud.com/verify/GAasmh404)

Mr R Kiruthick of II Year B.E. CSE B Section has been selected as “**Student Partner for FOUSES**” and received the Offer Letter.



## OFFER LETTER

### PRIVATE & CONFIDENTIAL

Dear Kiruthick R,

This is regarding your application and subsequent discussion you had with us. We are pleased to inform you that you have been selected to join our organization as **Student Partner** under **Campus Ambassador Program of Fouses Education by Fouses**. We look for people who are committed to leadership and our culture of innovation. You are requested to join the program from 26<sup>th</sup> April 2020.

You shall be governed by the following terms & conditions of service during the tenure period with FOUSES, and those may be amended from time to time.

1. This Program is of 1 Year duration and paid on performance.
2. Candidates applying for this post need to pay any registration charges to the company.
3. During the period of service, your performance will be evaluated on a regular basis, and if the same is not as per the expected standards, your service is liable to be terminated. The notice period during service would be 15 days for all FSP.
4. Your scope of responsibilities will include those for which you are engaged, as well as any other duties given to you by your Manager from time to time. In accepting this offer of program, you will be required to perform all responsibilities assigned to you with due care and diligence and in compliance with the direction of management. You are also required to perform these tasks during business hours and such reasonable additional time as may be necessary. The above program will neither create any right of employment in the Company until a definitive employment agreement is signed between the Parties.
5. Fouses reserves full right to decline the compensation and allowance if any kind of discrepancy or illegal complaint or request received.
6. As an FSP in FOUSES, you are committed to ensuring that all the Principal Data (Related to you and third party) handled by us will be processed according to legal Complaint standards of the company.



Students from the Dept. of CSE participated in **Aatam Aadu and Drawing / Painting** event organised as a part of the Aashraya 2020.



Students of Second and Third Year of Dept. of ICE attended a Webinar organised by ISA-Chennai Chapter on “Functional Safety in Chemical Process Industries” delivered by Ms Jamuna SaiGanesh, Safety Instrumentation Systems, SME - SIS, Dow Chemicals, Chennai on 1 May 2020.

The slide is titled "INDEPENDENT PROTECTION LAYERS". On the left, a risk matrix shows three levels of risk: UNACCEPTABLE (top, red), TOLERABLE or ALARP (middle, yellow), and ACCEPTABLE (bottom, green). The y-axis is labeled "Increasing Risk".

On the right, a diagram shows a process control system with a "Normal behaviour" curve. Above the curve, a fire icon represents a hazard. The diagram is divided into "Mitigate" and "Prevent" sections. The "Mitigate" section includes: Plant and Emergency Response (Emergency response layer), Dike (Passive protection layer), and Relief valve, Rupture disk (Active protection layer). The "Prevent" section includes: Safety Instrumented System (Emergency Shut Down - Safety layer, Trip level alarm - Process control layer), Operator Intervention (Process Shutdown - Process control layer), and Basic Process Control System (Process Value - Process control layer).

At the bottom of the slide, a quote reads: "If you don't invest in Risk Management, it doesn't matter in what business you're in, it's a risky business - Gary Kohn".

The slide also shows a Zoom meeting interface with a participant list on the right and a Windows taskbar at the bottom.

Five teams from CSE have been shortlisted for the “COVID-19 National Bio Informatics Hackathon for Full Stackers”.

Dear **Mr Goutham Vignesh**

Congratulations you and /your team are successfully selected for the first round among the top 1000.

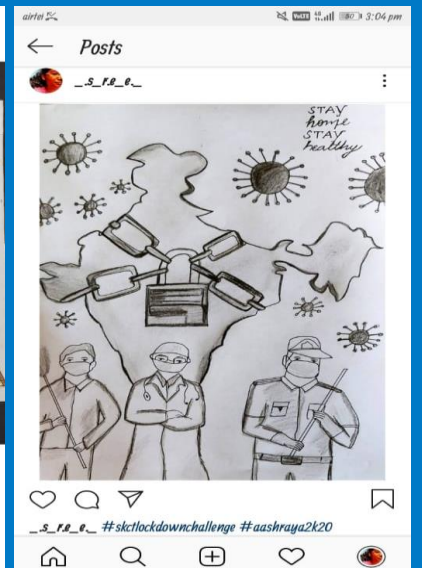
We thank you for registering and appreciate your commitment to support our nation in the fight against COVID 19 by participating to develop App and or web through this prestigious COVID 19 NATIONAL BIO INFORMATICS HACKATHON FOR FULL STACKERS. **Three National Full Stacker Cash Awards and 72 State & Union Territory awards and citations are awaiting you covering all 28 Indian States and 8 Union Territories will be awarded by end of three rounds.**

(a) Your Registration number for all future communication **2020-04-10330**

(b) You are allocated the State **Aunachalpradesh** for the app development. All state modules will be similar



Students of First Year B.E. EEE B and Mechanical B sections have participated in “Day – 5 of Aashryaya 2020” painting event on 30 April 2020.





Mr M Naveen and Ms P N Rohini of Third Year B.E. Civil Engineering sketched drawings to promote awareness on COVID-19 pandemic as a part of the **Aashraya 2020** activity.



Mr M Naveen, Third Year B.E. Civil Engineering



Ms P N Rohini, Third Year B.E. Civil Engineering

# FACULTY PARTICIPATION & ACHIEVEMENTS

Dr K Gaayathry, Asst. Professor, Dept. of EEE successfully completed Session 2 of the five-day Skycampus Webinar on “**Theme Leading in a VUCA World**” conducted by, ICT Academy.



Dr K Gaayathry, and Dr P Ponmurugan, Asst. Professor, Dept. of EEE have successfully completed the following modules such as **Fundamentals of Manuscript Preparation, Funding, How to Peer Review a Review Article, How to Write a Helpful Peer Review Report, and The Comments to Editors and Decision Recommendations** conducted by the Researcher Academy, Elsevier BV.



Dr G Sophia Jasmine, Asso. Professor, Dept. of EEE participated in a Webinar on “Big Data in Electrical Engineering” organized by the Dept. of EEE, SKCT on 27 April 2020.



**SRI KRISHNA COLLEGE OF TECHNOLOGY**  
An Autonomous Institution  
Approved by AICTE | Affiliated to Anna University  
Accredited by NAAC with 'A' grade | Accredited by NBA  
Kovaipudur, Coimbatore-641042, Tamilnadu, India.

**SRI KRISHNA INSTITUTIONS COIMBATORE**

**INSTITUTION'S INNOVATION COUNCIL**  
(Ministry of IITD Initiative)

## CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS PRESENTED TO

**G.SOPHIA JASMINE**  
ASSOCIATE PROFESSOR,EEE  
SRI KRISHNA COLLEGE OF TECHNOLOGY

for active participation in the online webinar titled "Big Data in Electrical Engineering" organized by Department of Electrical and Electronics Engineering on 27th April 2020. The resource person of the program is Dr.M.Selvaraju, Senior Director, Innovation and Data Analytics, ACT Government, Canberra, Australia.

Mr. P. Leninpugalhanthi,  
Asst.Professor, Dept of EEE  
**ORGANIZING SECRETARY**

Dr.K.Rajangam  
**HEAD OF THE DEPARTMENT**

Dr.Srinivasan Alavandar  
**PRINCIPAL**

Dr K Gaayathry, Asst. Professor, Dept. of EEE successfully completed a Webinar Series on “Exploring Research Opportunities in IEEE” conducted by IEEE Region 10 Student Activities Committee, Ambassador, IEEE Madras Section during 28 - 29 April 2020.



**IEEE**

CERTIFICATE OF PARTICIPATION

This is to certify that

**DR.K.GAAYATHRY**

has attended the Webinar on  
"Exploring Research Opportunities in IEEE" of  
Know your IEEE webinar series  
held on April 28,2020

*Mr. Abdul Halik M I*  
Mr. ABDUL HALIK M I  
IEEE Region 10 Student Activities Committee  
Ambassador, IEEE Madras Section



**IEEE**

CERTIFICATE OF PARTICIPATION

This is to certify that

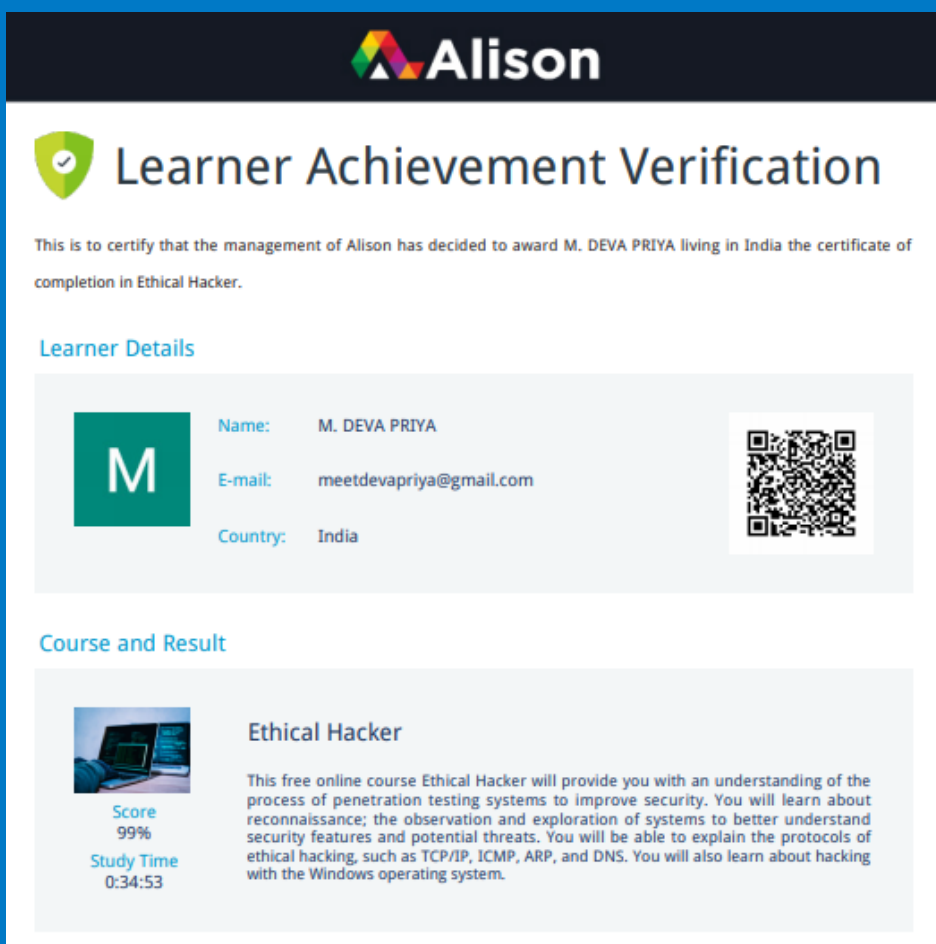
**DR.K.GAAYATHRY**

has attended the Webinar on  
"Insights to IEEE Student Branches and Chapters" of  
Know your IEEE webinar series  
held on April 29,2020

*Mr. Abdul Halik M I*  
Mr. ABDUL HALIK M I  
IEEE Region 10 Student Activities Committee  
Ambassador, IEEE Madras Section



Dr M Deva Priya, Asso. Professor, Dept. of CSE has completed a course on “Ethical Hacker” in the Alison Portal.





**Alison**


## Learner Achievement Verification

This is to certify that the management of Alison has decided to award M. DEVA PRIYA living in India the certificate of completion in Ethical Hacker.

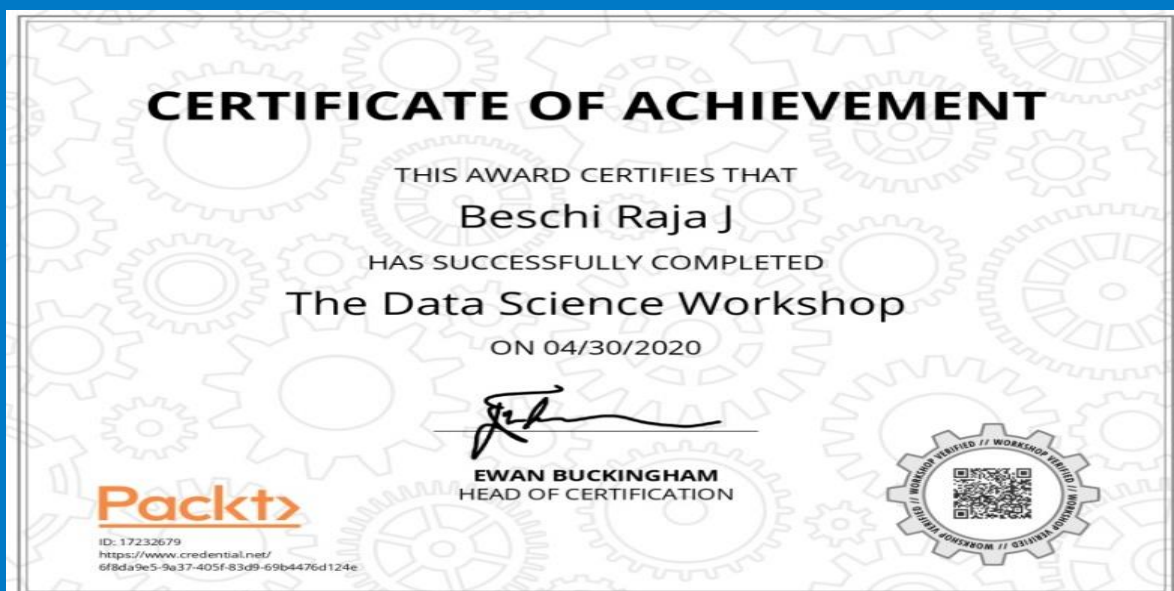
### Learner Details

	<b>Name:</b> M. DEVA PRIYA	
	<b>E-mail:</b> meetdevapriya@gmail.com	
	<b>Country:</b> India	

### Course and Result

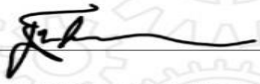
	<b>Ethical Hacker</b>
<b>Score</b> 99%	This free online course Ethical Hacker will provide you with an understanding of the process of penetration testing systems to improve security. You will learn about reconnaissance; the observation and exploration of systems to better understand security features and potential threats. You will be able to explain the protocols of ethical hacking, such as TCP/IP, ICMP, ARP, and DNS. You will also learn about hacking with the Windows operating system.
<b>Study Time</b> 0:34:53	


Mr J Beschi Raja, Asst. Professor, Dept. of CSE has completed a course on “Data Science Workshop” in Ewan Buckingham Portal.




**CERTIFICATE OF ACHIEVEMENT**

THIS AWARD CERTIFIES THAT  
**Beschi Raja J**  
HAS SUCCESSFULLY COMPLETED  
**The Data Science Workshop**  
ON 04/30/2020

  
**EWAN BUCKINGHAM**  
HEAD OF CERTIFICATION



ID: 17232679  
<https://www.credential.net/6f8da9e5-9e37-405f-83d9-69b4476d124e>



Ms A Sunitha Nandhini, and Ms S Padmavathi, Asst. Professors, Dept. of CSE completed a course on **“Introduction to Cyber Security”** in the Simplilearn Portal.



Ms G Sandhya, Asst. Professor, Dept. of CSE completed a course on **“Digital Transformation”** in the Simplilearn Portal.



Mr J Dhanaselvam, Asst. Professor, Dept. of ICE participated in the Faculty Development Program organised by Spoken Tutorial Project, IIT Bombay on “Python 3.4.3 and R” during 20 -30 April 2020, coordinated by Easwari Engineering College, Chennai.



Ms S Sathya Bama, Asst. Professor, Dept. of CSE completed a course on “Introduction to Data Analytics” in the Simplilearn Portal.

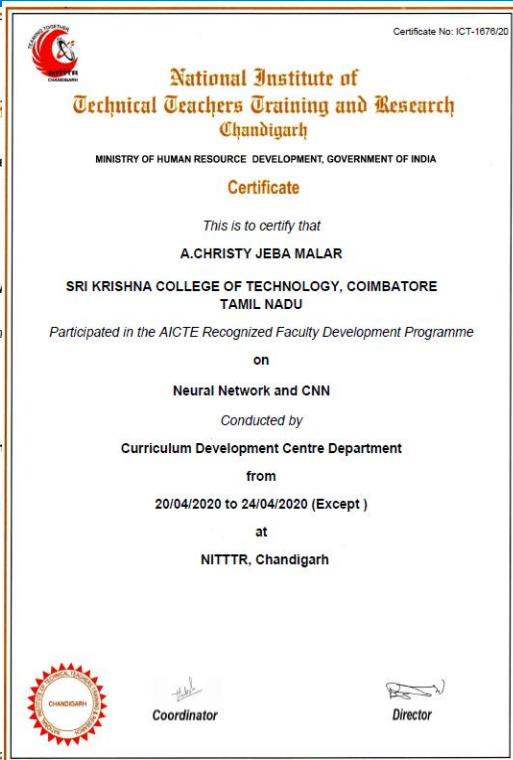
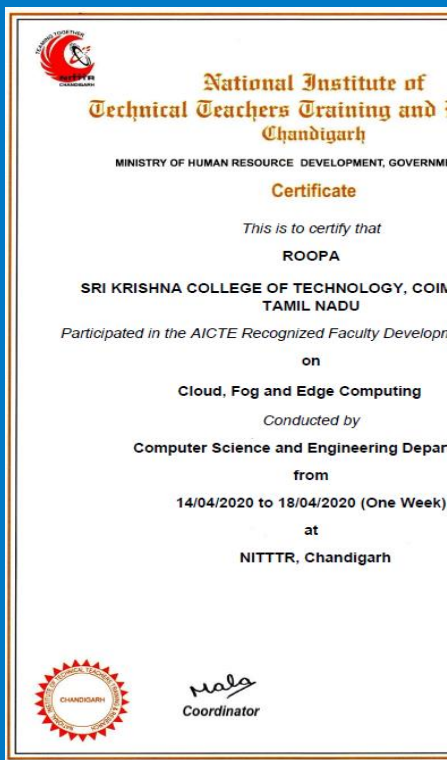




Ms P Geetha, Asst. Professor, School of Management completed a Course on “Book Writing” offered By Research Academy- Elsevier.



Dr A Christy Jebamalar, Asso. Professor, Dr Ms V Roopa and Ms S Madumidha, Asst. Professors, Dept. of IT participated in the AICTE FDP on “**Cloud, Fog and Edge Computing**” and “**Neural Network and CNN**” and received Certificates of Completion from NITTTR, Chandigarh.

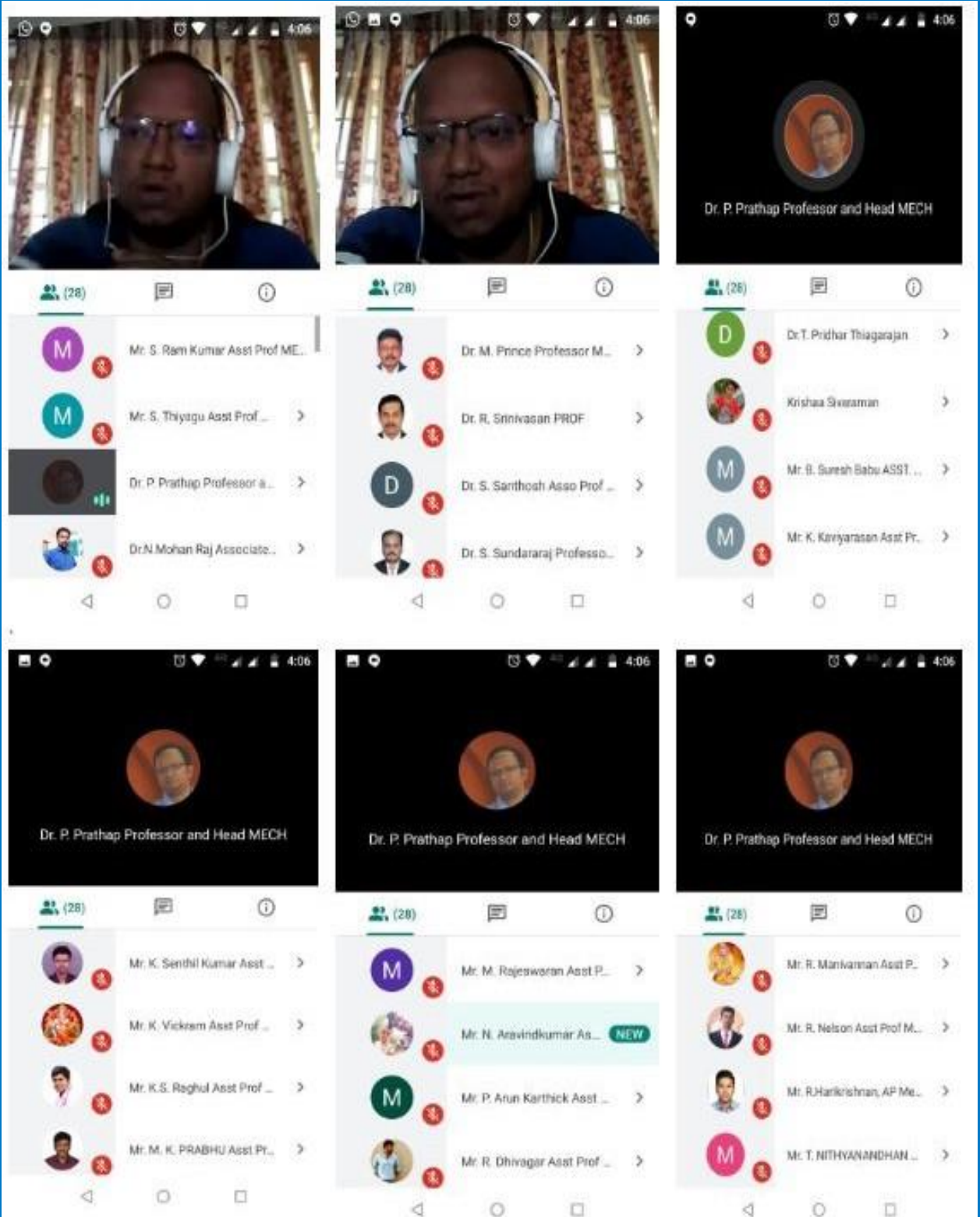


Dr D Jeyabharathi, Asst. Professor, Dept. of IT, completed the certification course on “**Introduction to Information Security**” offered by greatlearning portal on 28 April 2020.



# MEETINGS & DISCUSSIONS

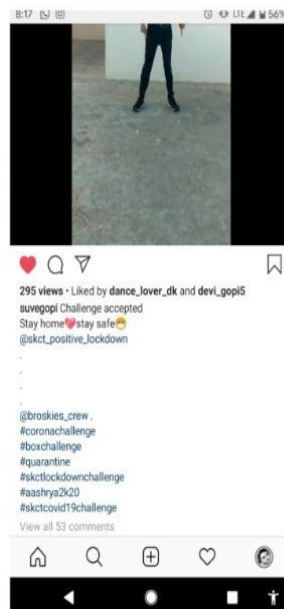
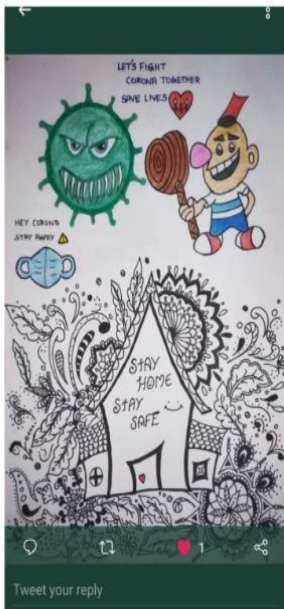
Dr P Prathap, Prof. & Head, Dept. of Mechanical Engineering conducted a **Meeting** with the members of faculty of Mechanical Engineering on 30 April 2020 and reviewed the on-going activities.





# EVENTS ORGANIZED

Students of Third BE ECE B and C sections and Ms G Anitha, Asst. Professor, Dept. of ECE with her children actively participated in the Day 5 Challenge of AASHRAYA 2K20.



# OUTREACH ACTIVITY

Members of faculty from the Dept. of ICE joined hands with Green India (An NGO) in the distribution of Food, Provisions & Money as part of **Joy of Giving** for the needy people in Coimbatore during this COVID-19 Lockdown.

## Our Help Matters !!!



Food,  
Provisions &  
Money for the  
Needy



A Helping Hand by the  
Faculty Members  
DEPARTMENT OF ICE  
SKCT, CBE - 42



# Happy Labour Day





# INTERNATIONAL LABOUR DAY or MAY DAY

To honour the struggles and gains made by workers and labourers, the first day of May is observed as International Labour Day. The day is also called **May Day or International Workers' Day**.



- ✓ “Genius is 1% inspiration and 99% perspiration.” – **Thomas Alva Edison**
- ✓ “Pleasure in the job puts perfection in the work.” – **Aristotle**
- ✓ “The miracle is not that we do this work, but that we are happy to do it.” – **Mother Teresa**
- ✓ Success is no accident. It is hard work, perseverance, learning, studying, sacrifice and most of all, love of what you are doing or learning to do. – **Pele**
- ✓ If four things are followed - having a great aim, acquiring knowledge, hard work, and perseverance - then anything can be achieved. – **A. P. J. Abdul Kalam**