

**A DAILY  
NEWSLETTER**

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**Volume 15, Issue 5,  
22 April 2020**

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# SKCT DIGEST



## **INSIDE THE ISSUE**

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- **FACULTY PARTICIPATION & ACHIEVEMENTS**
- **MEETINGS & DISCUSSIONS**
- **PUBLICATIONS**

# WEBINARS ATTENDED







Dr Srinivasan Alavandar, Principal and Dr R V Murali, Professor and Head, Centre for R&D attended the **Disruption 2020 : A Virtual Symposium** organised by the MIT Sloan Management Review of Massachusetts Institute of Technology on 21 April 2020. The symposium focussed on disruption, disruption in education, technology innovation, skills the innovation workforce will need, strategy, and people resources that can help Institution and Industry for the next two decades.

The image shows a screenshot of a virtual symposium webpage and a GoToWebinar interface. The webpage header features the text "FREE, LIVE EVENT" in white on a pink background, followed by "DISRUPTION 2020" in large white and yellow letters, and "A VIRTUAL SYMPOSIUM" in white. Below this, the date and time are listed: "Tuesday, April 21" and "10:00 a.m. - 2:00 p.m. EDT". The MIT Sloan Management Review logo is in the bottom right corner. The browser address bar shows the URL: "app.gotowebinar.com/index.html#915929427/2263082308496337422/3274171211473206541". The GoToWebinar interface includes a grid of four video feeds showing participants, a "Questions" sidebar with a "Questions" button, and a "Webinar staff to everyone" section with text: "Event Recording" A recording of this presentation will be available within 3-4 business days. "Submit Your Questions" Submit Your Questions" Questions module" Questions throughout the presentation. "Captions" To view captions for the event, use the link [sloanreview.mit.edu/disruption-captions](https://sloanreview.mit.edu/disruption-captions) "Technical Assistance" Use the Questions module for technical assistance, or contact GoToWebinar support at (877) 582-7011 and [support.logmeininc.com@gotowebinar.com](mailto:support.logmeininc.com@gotowebinar.com) "Ask the staff a question" Ask the staff a question

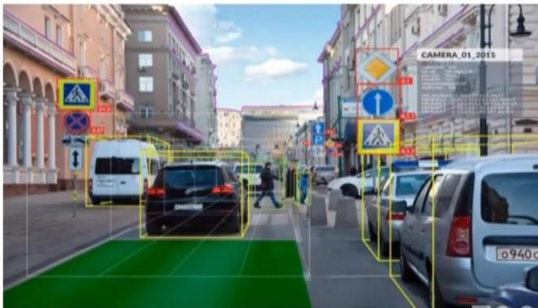






Students and Members of Faculty from the Dept. of CSE attended a Webinar on '**Demystify Computer Vision with Tensor Flow**' conducted by Mr Maithreyan Kesavan, TFUG Co-Organizer, Google AI Explore ML Facilitator between 5 PM and 6 PM on 21 April 2020. The event was organized by Learn with Community, GDG Cloud Coimbatore Team and an initiative of Mr. R. Manoj Aiyer, III CSE B, SKCT.

## Self Driving Cars



## Demystify Computer Vision With Tensorflow

-by Maithreyan Kesavan

zoom

Demystify Computer Vision With TensorFlow

Started streaming 21 minutes ago

15 0 SHARE SAVE ...



VERIFIED CERTIFICATE

#5e9e5d50bbd43a58d558eeb6

### CERTIFICATE OF PARTICIPATION

This is to certify that

**Jayavarshini P**

has participated in Demystify Computer Vision With TensorFlow organized and conducted by Learn With Community on 21/04/2020.

This is an e-certificate and does not require any signature for authenticity. Authenticity can be verified at <https://eventsprint.in/verify> with the Certificate ID.



VERIFIED CERTIFICATE

#5e9dc07b9380c147642b7020

### CERTIFICATE OF PARTICIPATION

This is to certify that

**Suganya T**

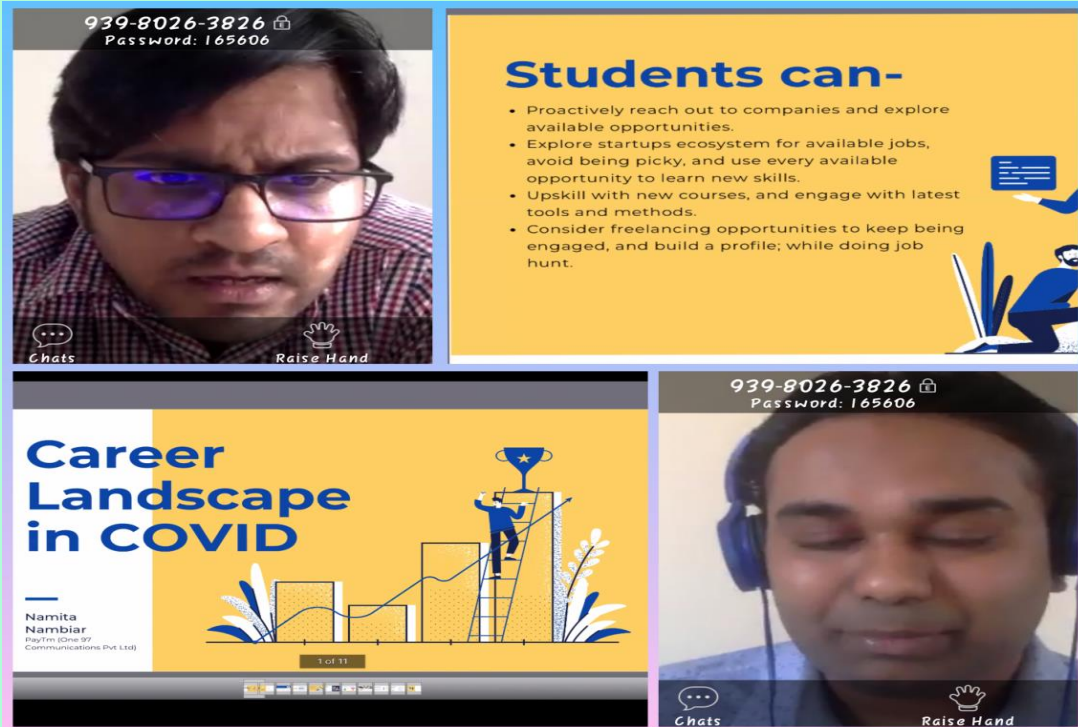
has participated in Demystify Computer Vision With TensorFlow organized and conducted by Learn With Community on 21/04/2020.

This is an e-certificate and does not require any signature for authenticity. Authenticity can be verified at <https://eventsprint.in/verify> with the Certificate ID.

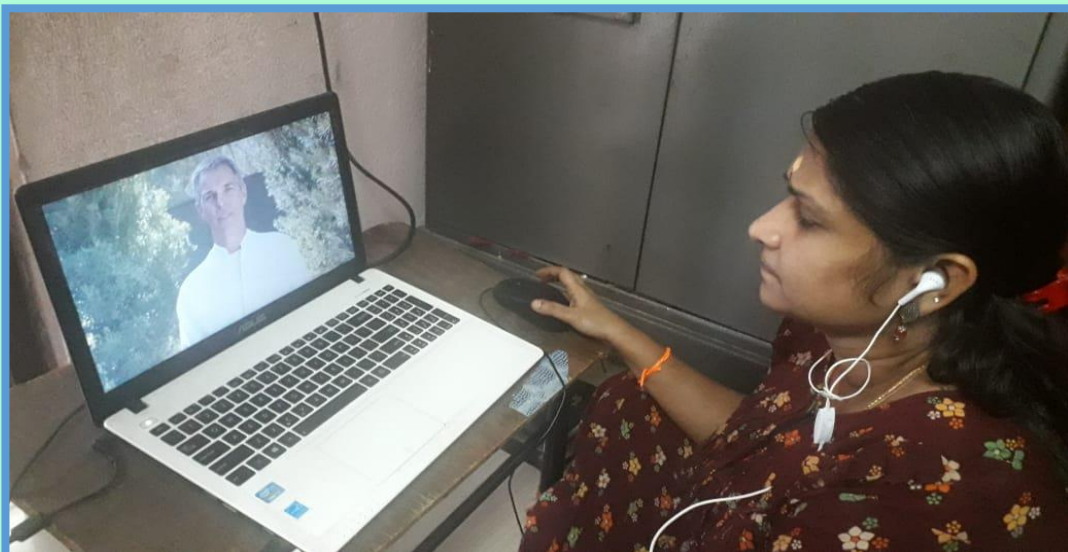
Scanned with CamScanner



Dr P Manju, Prof. & Head and Mr S Dilip Kumar, Asst. Professor, Dept. of ICE attended an Online Career Chat Session on **“Career Landscape in COVID - 19”** by Ms Namitha Nambiar, HR - Talent Acquisition, PayTM Technologies. The session was moderated by Mr Karthik Kittu, Chief Innovation Officer, IIIT, Bangalore and hosted by Yuva Yi, Bengaluru.



Ms K Shanthi, Asst. Professor, Dept. of ICE attended a Webinar on **Meditation Program - Finding Your Still Space**, conducted by Dr Mark Pirtle, Independent Health Educator and Developer, Skillfully Aware.






Dr M Karthigai Pandian, Asso. Professor, and Mr J Dhanaselvam, Asst. Professor, Dept. of ICE attended the Webinar on **“ETGovernment - The Roadmap for Telemedicine in India”** conducted by Prof S K Mishra, Nodal Officer, Ministry of Health and Family Welfare, Government of India.

**ET Government**

### Potential of Telemedicine during health crisis


- Imbalances & Shortage of Healthcare Professionals
- Unequal quality and access to healthcare services
- Number and Structure of HCW is changing
- Frontline HCWs have the highest risk of infection, so telemedicine can minimize the risk by avoiding face to face interaction
- Access to service, ICE, Remote monitoring, telementoring, Empowering HCW and Systems




**ET Government**

### National Medical College Network (NMCN)

Scalable, Hierarchical, Secured IPv6 compatible Network Riding over NKN



- 01 National-cum-Regional Resource Center
- 07 Regional Resource Centers
- 42 Medical Colleges
- 29 States/UTs
- 7500 student at a time



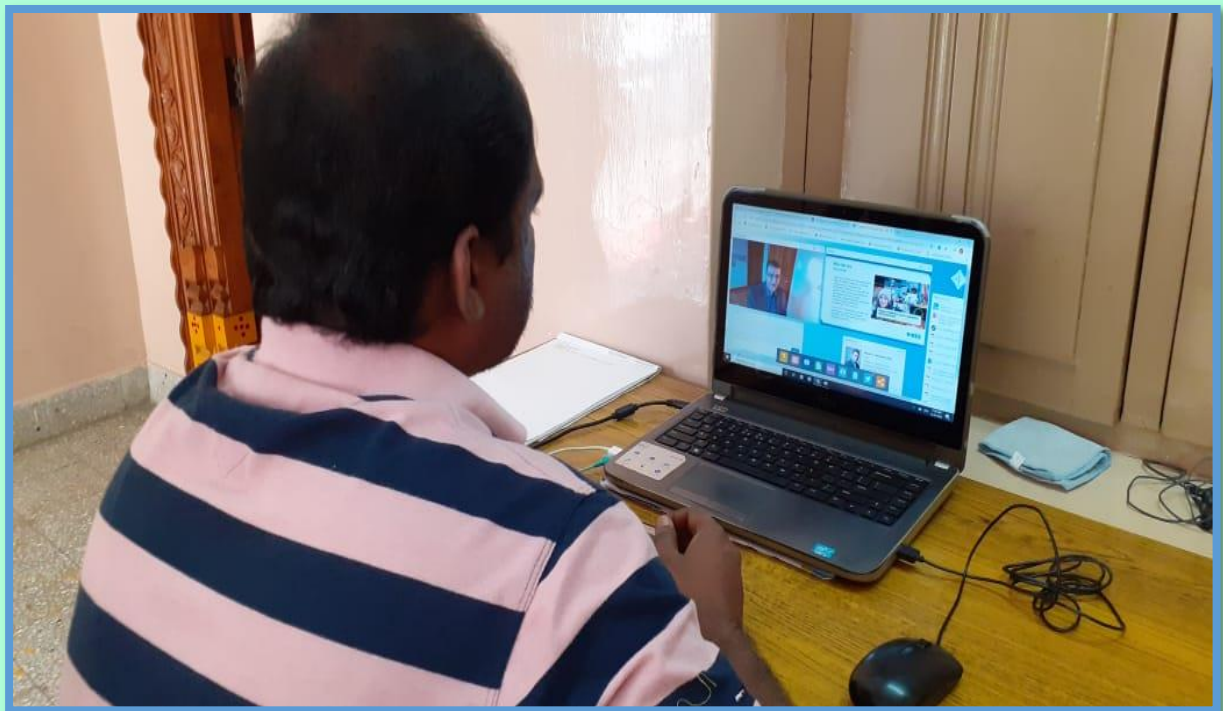
Dr SK Mishra  
Nodal Officer, Telemedicine  
Ministry of health &  
Family welfare  
Government of India



Dr S Narendiran, Asso. Professor, Dept. of ICE attended the IEEE Webinar on **“Strategies for Effective Delivery of Online Engineering Courses: Best Practices, Tips and Toolkits”** facilitated by Prof Babak D. Beheshti, Dean, College of Engineering and Computing Sciences (CoECS) at New York Institute of Technology.



Types of Differences	Teaching Face-to-Face	Teaching Online
Pedagogical*	Mainly asynchronous interaction, content presented as lectures, hand-ons, pencil-and-paper assessments, content can be planned session-by-session	Mainly asynchronous interaction, discussion forums, various means of content presentation, alternative assessments (e.g., collaborative/research projects, presentations), content must be planned out in advance of development
Operational	Held in the same geographic location at the same time—regularly scheduled sessions	Class is in session 24/7
Students	Often live in close proximity to campus, schedule allows for classroom sessions	Often working professionals, can be globally dispersed, personal availability can vary widely
Role of Instructor	Lecturer, sage on the stage that transfers knowledge to students	Facilitator, helps the students construct knowledge by guiding discussions



The Members of Faculty in the Dept. of Civil Engineering attended a Webinar on “**Working from Home during COVID-19**” on 12 April 2020. Dr Wendy Loewen, Director of Training, Achieve Centre for Leadership and Workplace Performance, interacted with the participants during the session.



**CERTIFICATE**  
OF COMPLETION

**Dr.sreevidya V**  
HAS COMPLETED

**On-Demand Webinar: Working From Home During Covid-19**

THROUGH THE ACHIEVE CENTRE FOR LEADERSHIP & WORKPLACE PERFORMANCE

**ACHIEVE**  
CENTRE FOR LEADERSHIP &  
WORKPLACE PERFORMANCE

Trainer: Wendy Loewen, Director of Training  
April 21, 2020  
Continuing Education Credit Hours - 1

**CERTIFICATE**  
OF COMPLETION

**Ramesh R**  
HAS COMPLETED

**On-Demand Webinar: Working From Home During Covid-19**

THROUGH THE ACHIEVE CENTRE FOR LEADERSHIP & WORKPLACE PERFORMANCE

**ACHIEVE**  
CENTRE FOR LEADERSHIP &  
WORKPLACE PERFORMANCE

Trainer: Wendy Loewen, Director of Training  
April 21, 2020  
Continuing Education Credit Hours - 1

**CERTIFICATE**  
OF COMPLETION

**Muthukeerthana S**  
HAS COMPLETED

**On-Demand Webinar: Working From Home During Covid-19**

THROUGH THE ACHIEVE CENTRE FOR LEADERSHIP & WORKPLACE PERFORMANCE

**ACHIEVE**  
CENTRE FOR LEADERSHIP &  
WORKPLACE PERFORMANCE

Trainer: Wendy Loewen, Director of Training  
April 21, 2020  
Continuing Education Credit Hours - 1



**CERTIFICATE**  
OF COMPLETION

Vennila A  
HAS COMPLETED

On-Demand Webinar: Working From Home During Covid-19

THROUGH THE ACHIEVE CENTRE FOR LEADERSHIP & WORKPLACE PERFORMANCE



Trainer: Wendy Loewen, Director of Training  
April 21, 2020  
Continuing Education Credit Hours - 1

**CERTIFICATE**  
OF COMPLETION

Manikandan G  
HAS COMPLETED

On-Demand Webinar: Working From Home During Covid-19

THROUGH THE ACHIEVE CENTRE FOR LEADERSHIP & WORKPLACE PERFORMANCE



Trainer: Wendy Loewen, Director of Training  
April 21, 2020  
Continuing Education Credit Hours - 1

**CERTIFICATE**  
OF COMPLETION

G.selina Ruby G  
HAS COMPLETED

On-Demand Webinar: Working From Home During Covid-19

THROUGH THE ACHIEVE CENTRE FOR LEADERSHIP & WORKPLACE PERFORMANCE



Trainer: Wendy Loewen, Director of Training  
April 21, 2020  
Continuing Education Credit Hours - 1

**CERTIFICATE**  
OF COMPLETION

Dharsana S  
HAS COMPLETED

On-Demand Webinar: Working From Home During Covid-19

THROUGH THE ACHIEVE CENTRE FOR LEADERSHIP & WORKPLACE PERFORMANCE



Trainer: Wendy Loewen, Director of Training  
April 21, 2020  
Continuing Education Credit Hours - 1



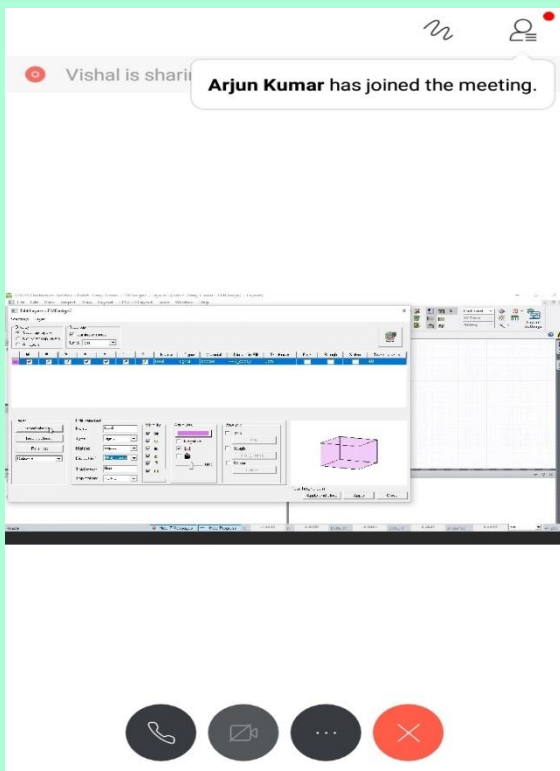
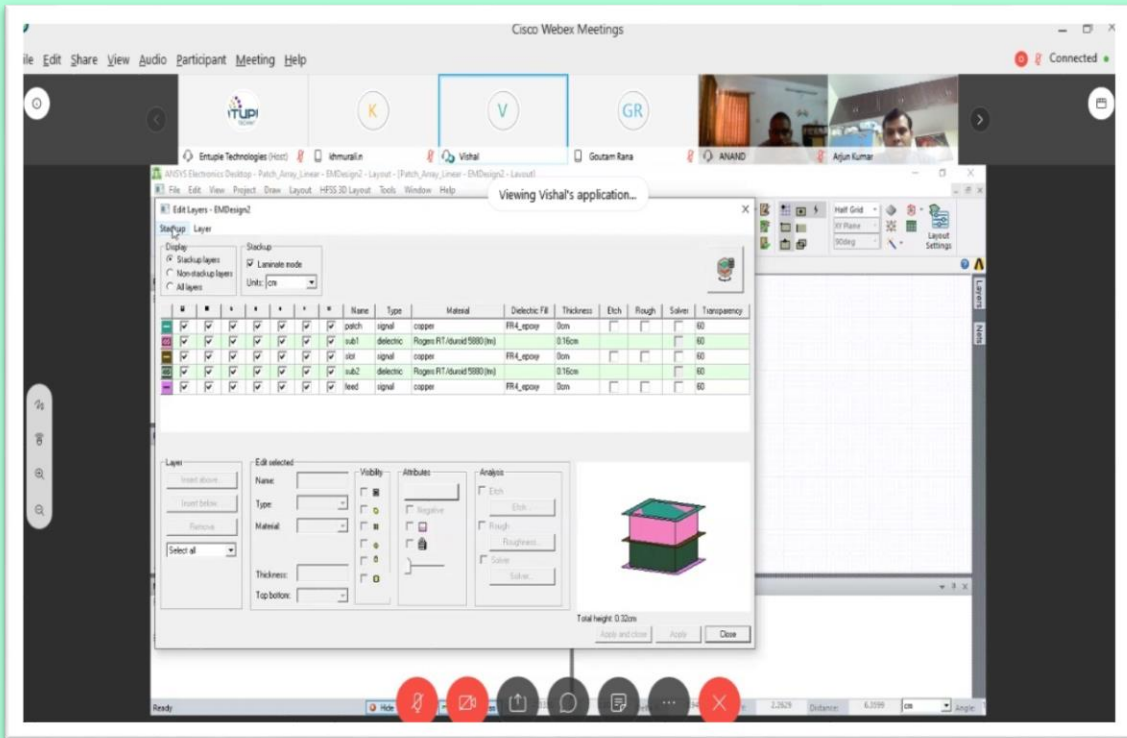


The Members of Faculty in School of Management attended a Webinar on “**Deep Dive into Case Teaching Online**” on 21 April 2020. The webinar was organized by Harvard Business Publishing.

The screenshot shows a Zoom meeting window. On the left, a PowerPoint slide is displayed with a red background and white text. The slide title is "Deep Dive Into Case Teaching Online". Below the title, the speaker is identified as "Bill Schiano, DBA", a "Professor of Computer Information Systems, Bentley University" and "Teaching with Cases Facilitator, Harvard Business Publishing". The date "21 April 2020" is also shown. The Harvard Business Publishing Education logo is at the bottom left of the slide. On the right side of the Zoom window, a video feed shows Sandra Barber, identified as "Sandra Barber, Harvard Business Publishing". The Zoom control bar at the bottom includes icons for mute, video, chat, and other meeting functions.

The screenshot shows a Zoom meeting window. On the left, a PowerPoint slide is displayed with a white background and black text. The slide title is "Managing Academic Integrity". Below the title, there is a bulleted list of points: "There are no guarantees...there never were", "Motivate learning", "Foster a norm of academic integrity", "Make cheating more difficult", "Technology" (with sub-points: "Video proctoring", "Control of computer", "Modularize the exam"), "Uncommon assignments/exam questions", "Customized questions", and "Oral exams". The Harvard Business Publishing Education logo is at the bottom left of the slide. On the right side of the Zoom window, a video feed shows a man in a dark suit, white shirt, and patterned tie, speaking. The Zoom control bar at the bottom includes icons for chat, raise hand, and Q&A. An "Activate Windows" watermark is visible in the bottom right corner of the Zoom window.

The members of Faculty of Communication Cluster, Dept. of ECE attended the Webinar on “Introduction to HFSS 3D layout” organized by ENTUPLE through Cisco Webex Meeting Platform on 21 April 2020.





83 Members of Faculty and 210 Students of SKCT attended the NPTEL Special Lecture Series on “**Popularization of Science**” with Prof. Srinivas Chakravarthy, IIT Madras through Youtube Live on 21 April 2020. Mr S Ganesh Prabhu, Asst. Professor, Dept. of ECE coordinated the event.

Live on YouTube

# POPULARIZATION OF SCIENCE

**Prof. Srinivas Chakravarthy**  
Faculty, IIT Madras

**Date: April 21, 2020**  
**Time: 6.00 PM**

<https://nptel.ac.in/>

**In the West:**  
A strong tradition of Science popularization

- Galileo – demo at the tower of Pisa
- Faraday's lectures at the Royal society
- George Gamow
- Isaac Asimov
- Carl Sagan
- Yakov Perelman and Mir...

**John Holt Learning All the Time**

**In India**

- There is hardly any tradition of science popularization in Indian languages
- Science practice and teaching is generally confined to the academic world
- Compare that to a "tradition of popularizing our epics"

**In India: Low literacy rates**

- National average: 74%
- Youth literacy (15–24 yrs) – 90.2% (2015)
- Kerala – 93.9%
- Bihar – 63.8%

NPTEL LIVE STREAMING... 18.3K subscribers

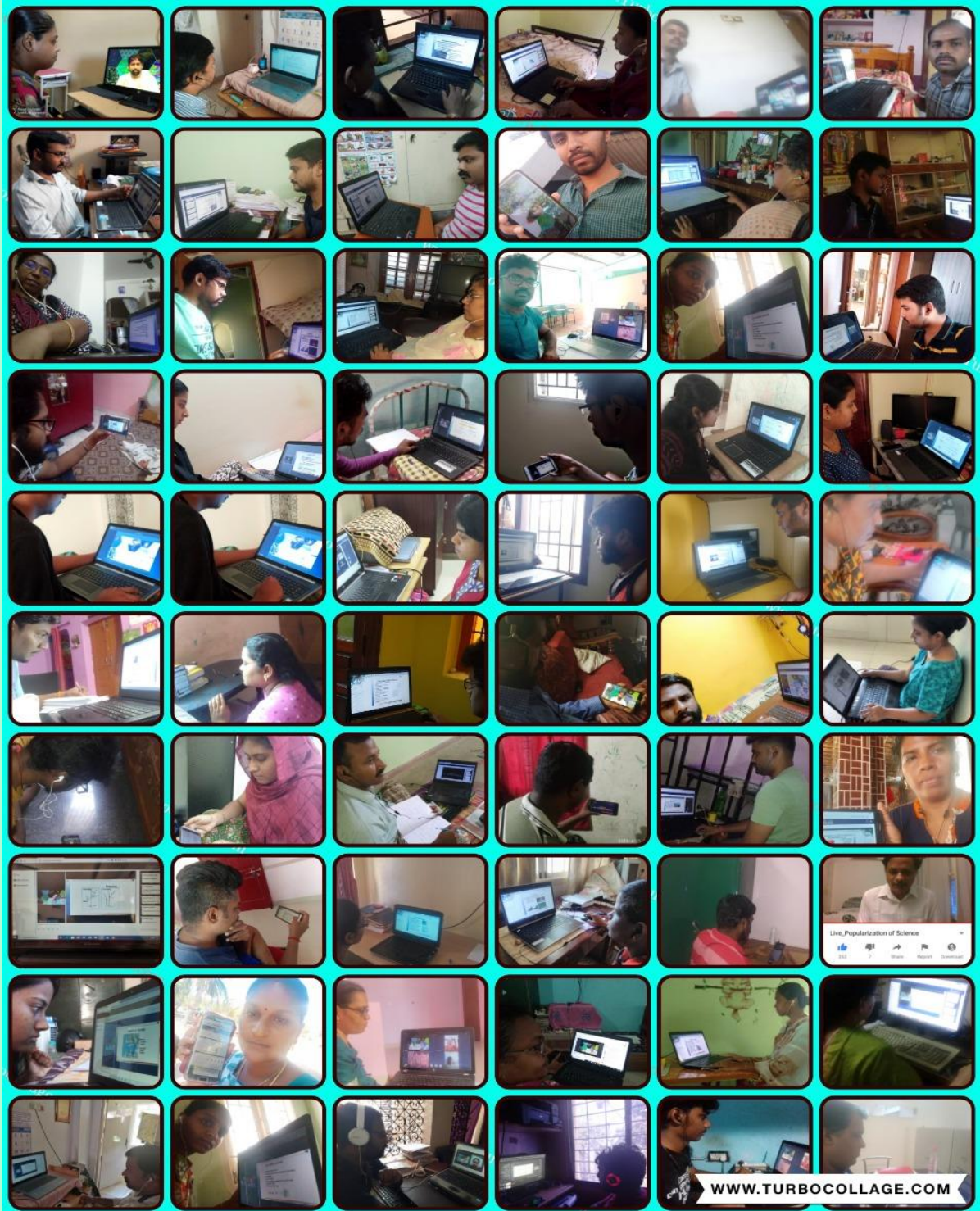
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Please Post your Comments & Questions in this Google Form Link: <https://tinyurl.com/Queries-21st:April>

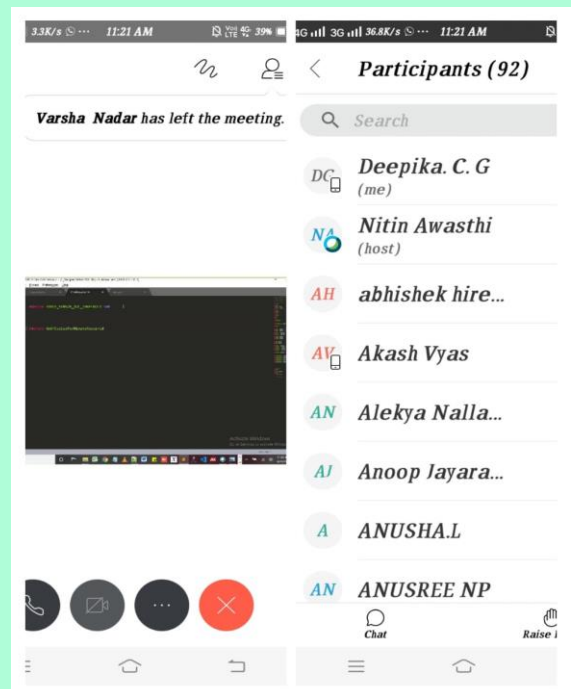
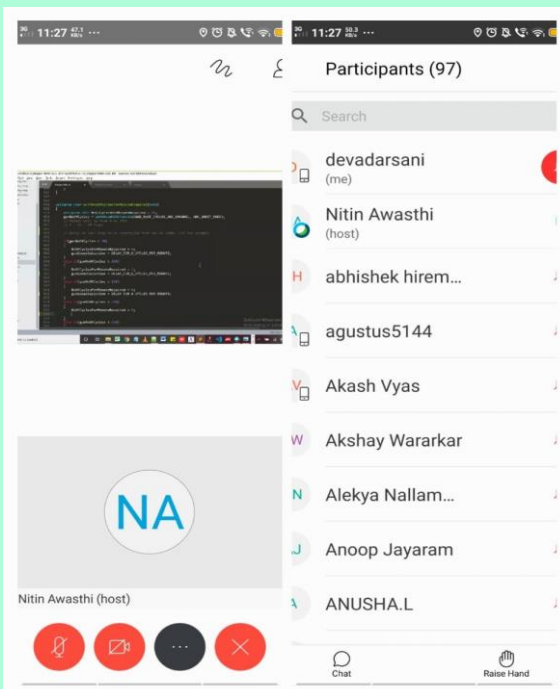
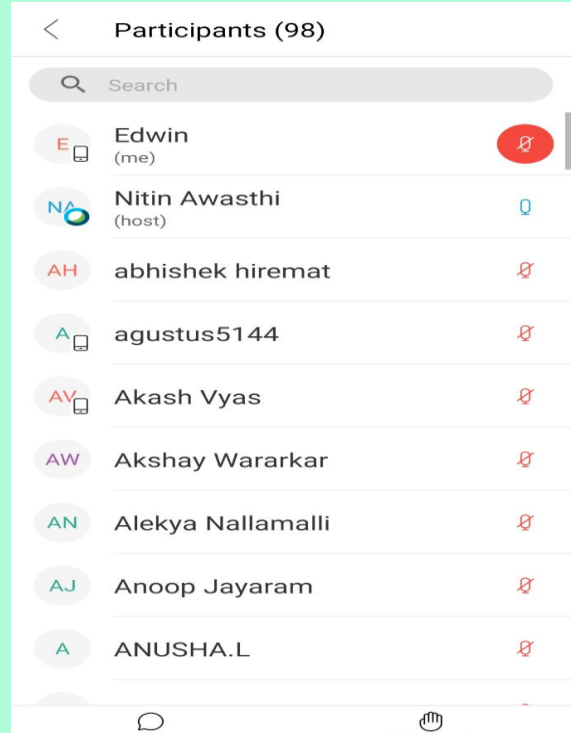
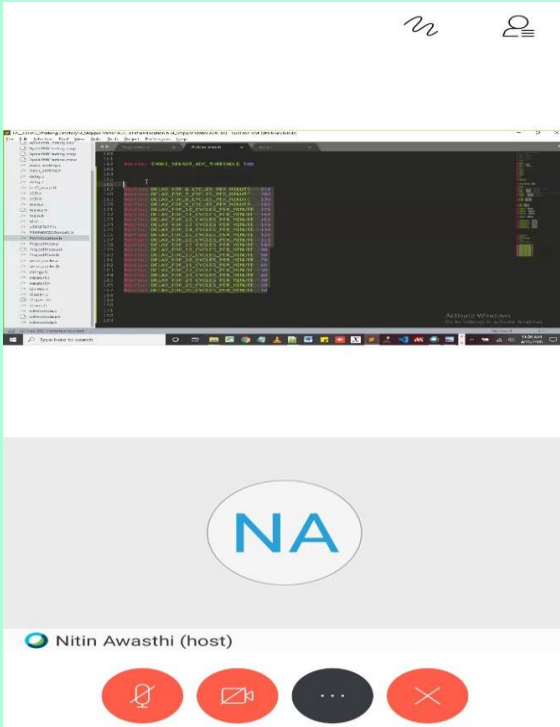
Presenter: V. Srinivasa Chakravarthy  
Professor  
Department of Biotechnology  
Indian Institute of Technology Madras



160 Members of Faculty and Students attended the 9th Day of 12-day IIRS Special Course on “**Basic Principles of Remote Sensing**” organized by IIRS Remote Centre, SKCT through IIRS E Class Platform and Youtube on 22 April 2020. Mr S Ganesh Prabhu ,Asst. Professor, Dept. of ECE & IIRS Network Coordinator, SKCT coordinated the event.

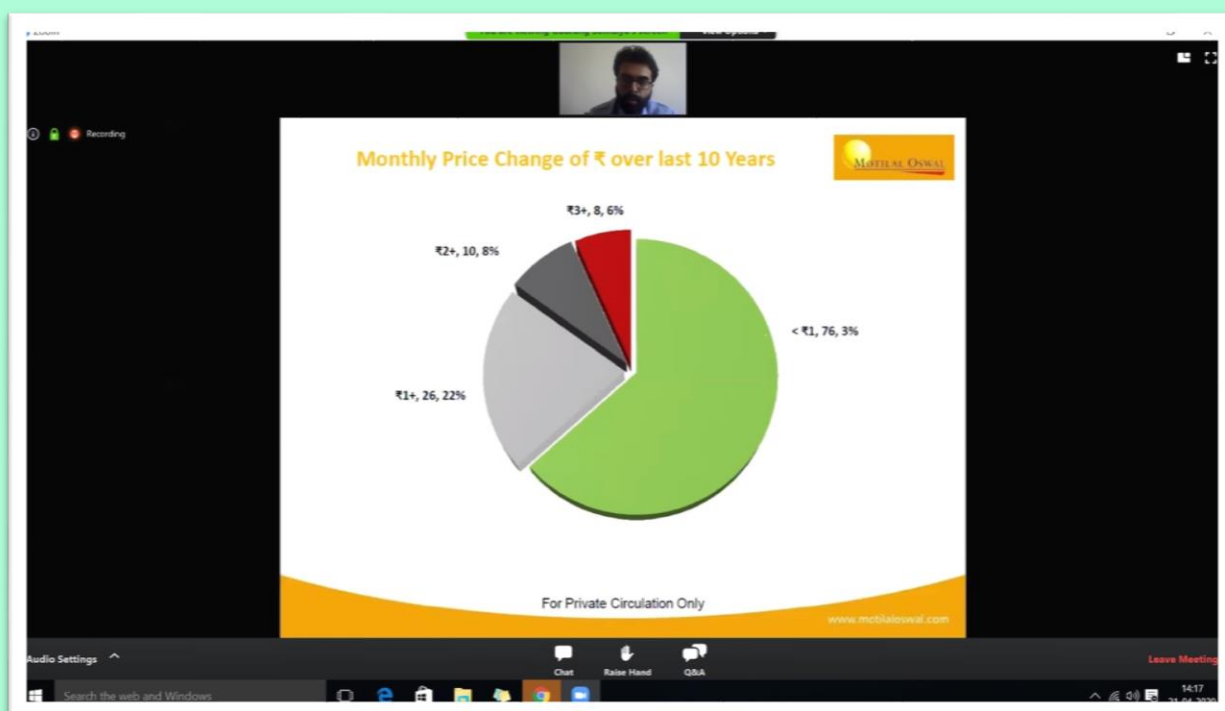


21 Members of Faculty & 225 Students of Dept. of ECE attended the 10 - day Online Workshop on “**Microchips, Internet of Things, Embedded Systems & Robotics- The Electronic Way Xtreme Engineering**” on 22 April 2020. Mr S Ganesh Prabhu, and Mr R R Thirrunavukkarasu, Asst. Professors, Dept. of ECE coordinated the event.





The Members of Faculty in School of Management attended a Webinar on “Fundamental Analysis” on 21 April 2020. The webinar was organized by Motilal Oswal Securities.







Dr D Jeyabharathi, Asst. Professor, Dept. of IT attended a Webinar on **Innovations and Opportunities in Tele Health**, conducted by Institution of Engineering and Technology (IET), Chennai, 22 April 2020.

**IET** The Institution of Engineering and Technology

**Innovation and opportunities in Tele Health**

Wednesday, April 22, 2020  
10:30 - 11:30 A.M IST

**Guest Speaker**  
**Dr. M. RAMAKUMAR**  
M.B.B.S., M.S., F.R.C.S. (Edin UK)  
F.I.C.S., F.A.I.S.,  
General & Laparoscopic surgeon  
Gasroenterologist

Webinar  
[Register now](#)

View Communicate Participant Event Help

Connecting...

AM MR AG

Arvind Balaji M (Host) M Ramakumar Agni Gnanamani

**MODE OF COMMUNICATIONS**

- Audio - Phone, VOIP, APPS etc
- Video – Telemedicine facility, APPS, Video on chat platforms etc
- Text based – TM Chat based applications, messaging, Whatsapp, google, email, fax etc.

Participants

Panelist: 8

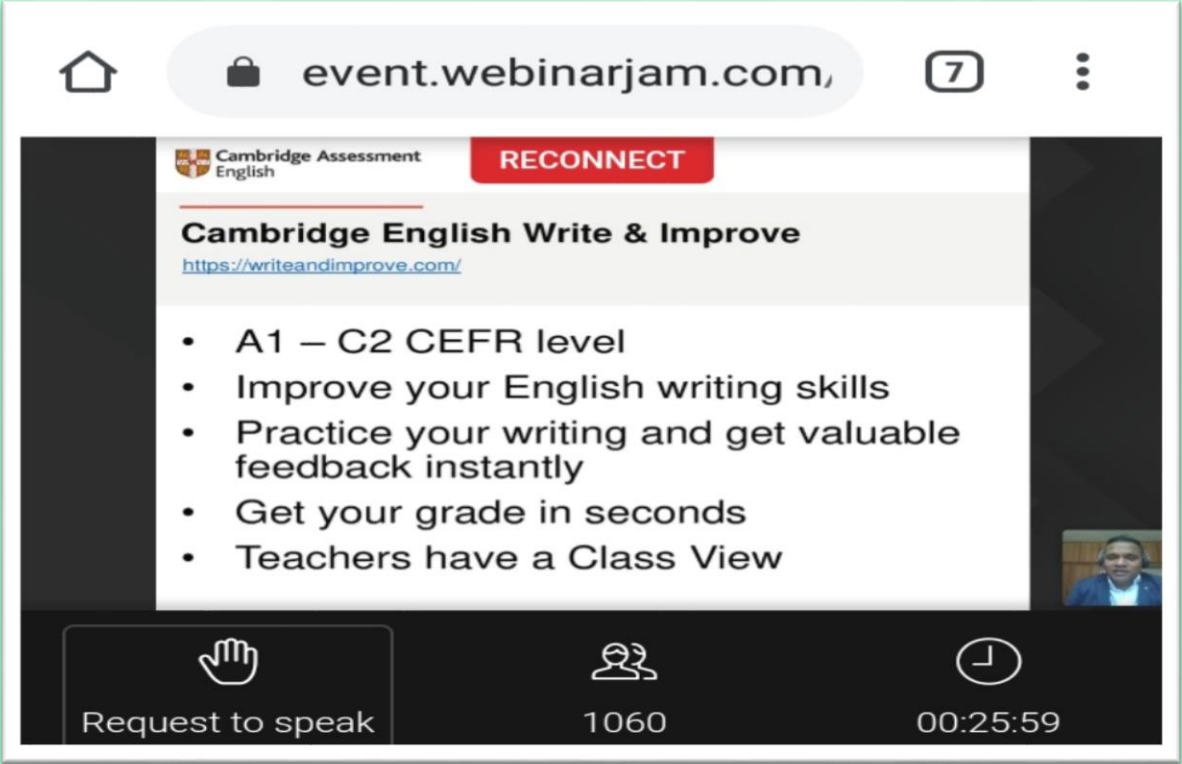
- AM Arvind Balaji M (Host)
- MR M Ramakumar
- AG Agni Gna...
- CS CLOUDIN S
- D Dhanasekaran
- PS Prasanna Bharathi S
- RR R.Rajkumar
- RA Rathinam A

Attendee:

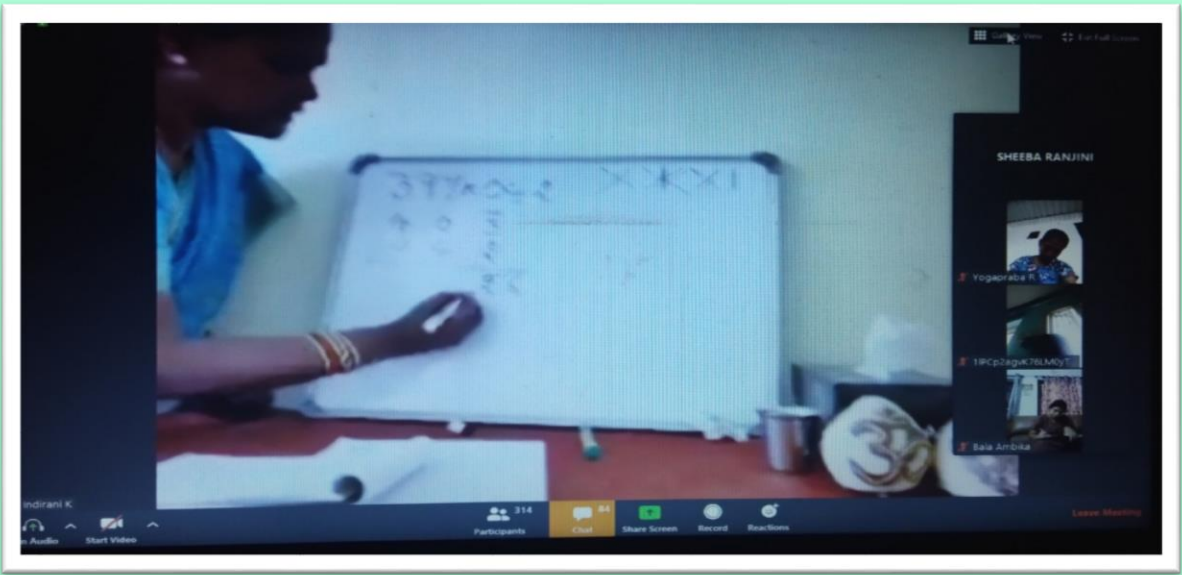
- JD Jeyabharathi D (me)



Dr V Thiyagarajan, Professor and Ms R Shanthamani, Asso. Professor, Dept. of Science and Humanities attended a Webinar **on Online Resources for Teachers and Learners** conducted by Cambridge Assessment English on 21 April 2020.

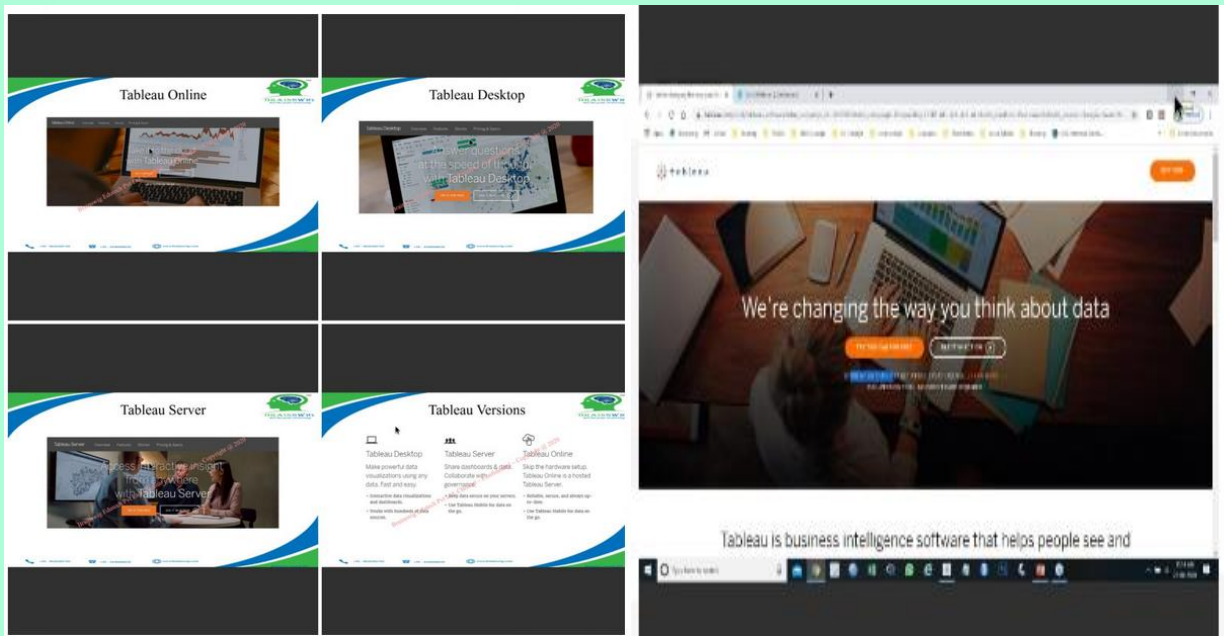


Ms P Sheeba Ranjini, and Ms C Kalaiselvi, Asst. Professor, Dept. of Science and Humanities participated in a **Webinar on Vedic Math Course** conducted by Dr K Indirani, State President, SSUN, Tamilnadu Chapter on 22 April 2020.





Dr R Suganya, Dr D Jeyabharathi, Ms Sindhumeena, Ms S Priyadharshini, Mr A Sureshkumar, and Ms P Alaguvathana, Asst. Professors, Dept. of IT attended a Webinar on **Data Visualisation using Tableau Software** organized by Brainswing Education, Chennai. Mr Dinesh Babu, the Resource Person discussed with the participants between 11. 00 am and 12.00 pm on 22 April 2020.







Dr Santhosh, Asst. Professor, Dept. of EEE attended the AICTE Online Course on “**Examination Reforms**” with Dr Ashok Shettar, Dr Prakash Tewari, and Dr Gopal Joshi, Professors, KLE Technological University, Hubli.

The image shows a presentation slide titled "AICTE Examination Reforms Overview". At the top center is the AICTE logo, which is a yellow gear with the text "AICTE the only authority" and "All India Council for Technical Education" around it. Below the logo, the title "AICTE Examination Reforms" is written in a large, bold, dark blue font, with "Overview" centered below it in a smaller, regular font. In the bottom left corner, there is a white box containing the names "Prof. Ashok Shettar", "Prof. Prakash Tewari", and "Prof. Gopal Joshi". In the bottom right corner, there is the KLE Technological University logo and name, with the tagline "Creating Value... Learning Knowledge". The slide is displayed in a browser window with a Windows taskbar visible at the bottom.

The image is a screenshot of a Zoom meeting. The main video feed shows a man with grey hair, glasses, and a white beard, wearing a blue shirt and a white necktie. His name "anil sahasrabudhe" is visible below the video. At the top of the meeting window, there is a blue bar with the text "You can access session controls here" and a speech bubble icon. Below the main video, there is a gallery view of other participants. From left to right, the participants are: "Sumar (Host)", "Rajive Kumar", "anil sahasrabudhe" (the same man as in the main video), "Dr Neeraj Saxena", and "Madhukar waware". Each participant's name is displayed below their respective video thumbnail.

Mr Karthikeyan N, Asst. Professor, SoM attended the Day 4 of the four-day “Online Course on Examination Reforms” conducted by KLE Technological University, Hubli in association with AICTE, New Delhi.



### 3. Assessing higher order Abilities & Professional Skills

To address these challenges, **comprehensive reforms** are needed in the way we design our curriculum, student learning experiences and assessment of the outcomes.

- Experiential
- Contextual
- Situated

Ashok Sh.

### 1. Assessment Strategy for Outcome Based Education

- Using the **two step method**, brings a clear understanding of the exp of each Program Outcomes to faculty and students
- Connecting Course Outcomes to Performance Indicators and hence to POs will be easy and accurate

```
graph LR; PO[Program Outcomes] <--> CO[Course Outcomes]; CO <--> PI[Performance Indicators]; PI <--> EQ[Examination questions];
```

- By mapping examination questions with Performance Indicators, we get clarity and better resolution for the assessment of COs and POs.

Ashok Shettar

# WEBINARS ORGANIZED



## WEBINAR







The Dept. of ECE organized an Online Panel Discussion with the Alumni of SKCT on “**Employment Scenario for Engineers after COVID 19 Crisis**” with Mr Christo George, CEO& MD, Hykon India (Pvt) Ltd., Thrissur; Mr Mathur Parameswaran, Business Management Leader, Altran, Bengaluru; Mr P L K Ravi Chandar, Vice President, Global Technology Operations, Citicorp Services India (P) Ltd.; and Mr D Suresh, CTO, Spark Minda Group Companies & CEO Spark Minda Technology Centre, Pune, Maharashtra on 22 April 2020. Dr Srinivasan Alavandar, Principal, SKCT moderated the Panel Discussion. Dr R Udaiyakumar, Prof.& Head, and Dr S Senoj Joseph, Assoc. 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]

Hosting a Panel Discussion on

## Employment Scenario for Engineers after COVID 19 crisis

**Elite Panel Members [Distinguished alumni of ECE, SKCT]**

**Mr. Christo George**  
CEO & Managing Director  
Hykon India (Pvt) Ltd.,  
Thrissur

**Mr. P.L.K Ravi Chandar**  
Vice President  
Global Technology Operations  
Citicorp Services India (P) Ltd.,  
Chennai



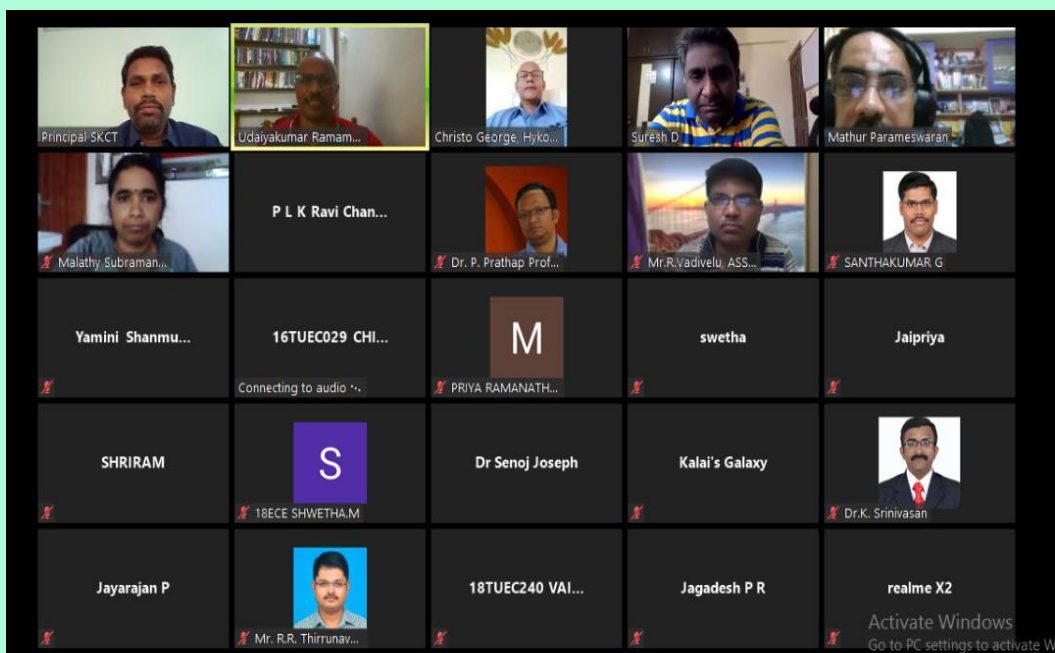
**Mr. Mathur Parameswaran**  
Business Management Leader  
Altran, Bengaluru

**Mr. D. Suresh**  
CTO, Spark Minda Group companies &  
CEO, Spark Minda Technology Centre  
Pune, Maharashtra



**on April 22, 2020 @ 10.00 am**









Centre for Research & Development (CRD), Sri Krishna College of Technology organized a Webinar on **“Rural Empowerment”** facilitated by Mr Arvind Kamath, Strategic Advisor and Consultant, Happy World Foundation at Bangalore on 21 April 2020.

**SRI KRISHNA COLLEGE OF TECHNOLOGY**  
AN AUTONOMOUS INSTITUTION | ACCREDITED BY NAAC WITH 'A' GRADE

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

CISCO WEBEX 571 967 769

**WEBINAR TITLE:**  
**RURAL EMPOWERMENT**

**RESOURCE PERSON:**  
**Mr ARVIND KAMATH**  
Advisor & Consultant  
Happy World Foundation  
Bangalore

**DATE / TIMINGS:**  
**21<sup>st</sup> APRIL 2020**  
**4:00 PM – 5:00 PM**

Organized by the Center for Research & Development, Sri Krishna College of Technology, Coimbatore. For clarifications and feedback, please write to [crd.office@skct.edu.in](mailto:crd.office@skct.edu.in)

Arvind Kamath

Viewing Arvind Kamath's app...

### Outcome of COVID-19 crisis – Rising Unemployment

- Once the lockdown is lifted, the Government will stare at a huge loss caused to the economy coupled with a bigger challenge to address – **rising unemployment!**
- As per a recent report published by ILO, **about 400 million** people working in the informal economy in India, are at a **huge risk of falling deeper into poverty**
- The crisis is expected to wipe out **195 million full-time jobs** or 6.7% of working hours globally in the second quarter of this year.
- The ILO goes on to describe the coronavirus pandemic as **“the worst global crisis since World War II”**
- The current situation has also forced m... areas. **But where are the jobs in r...**
- As per a report from OECD, the overall **8%** (before the pandemic broke out) to at nearly **31%**, amid the countrywide loc...

**TOTAL UNEMPLOYMENT AT 23.4%**

Week Ended	Rural (%)	Urban (%)	Total (%)
8 March	8.1	7.8	7.8
15 March	10.0	10.0	10.0
22 March	15.0	15.0	15.0
29 March	20.0	20.0	20.0
5 April	26.2	26.2	23.4

Figures in % Source: CMIE

**Weekly unemployment rate quadruples in urban India**  
Weekly unemployment rate in urban India has quadrupled since the start of the lockdown. This may be the reason behind the surge in migrant workers.

**Unemployment rate of 8.14% for March 2020 was highest in 43 months**  
Single month unemployment rate in India was already at 8% and this sudden break in economic activities may have further worsened the situation.

**Compared to others, India has small share of workers with contracts**  
Wage and salaried workers in India have job contracts that are more likely to be temporary than in other countries. This is not directly proportional to the number of the total workers in India, but only 22% of the workers.

**Majority of Indian employment is considered vulnerable contracts**  
Another parallel to measure employment conditions in the... **76.2%**

Participants (12):

- ganeshr
- K.Nirmal Kumar
- Karthik R
- Mallaian Lenin Sunder
- Mythili
- PANDIYAN P
- sindhukrish32
- siva ilakkiya
- Tamije Selvy P
- Viraja

Chat:

- can u all hear?
- from Tamije Selvy P to everyone: 4:05 PM
- yes Sir
- to Tamije Selvy P (privately): 4:06 PM
- thank you, please give thinking notes?



Centre for R&D(CRD), Sri Krishna College of Technology organized a Webinar on **“Quantum & Meditation”** facilitated by Guru Ji Master Vamsi Krishna, Pyramid Spiritual Society Movements (PSSM), Chennai on 22 April 2020.



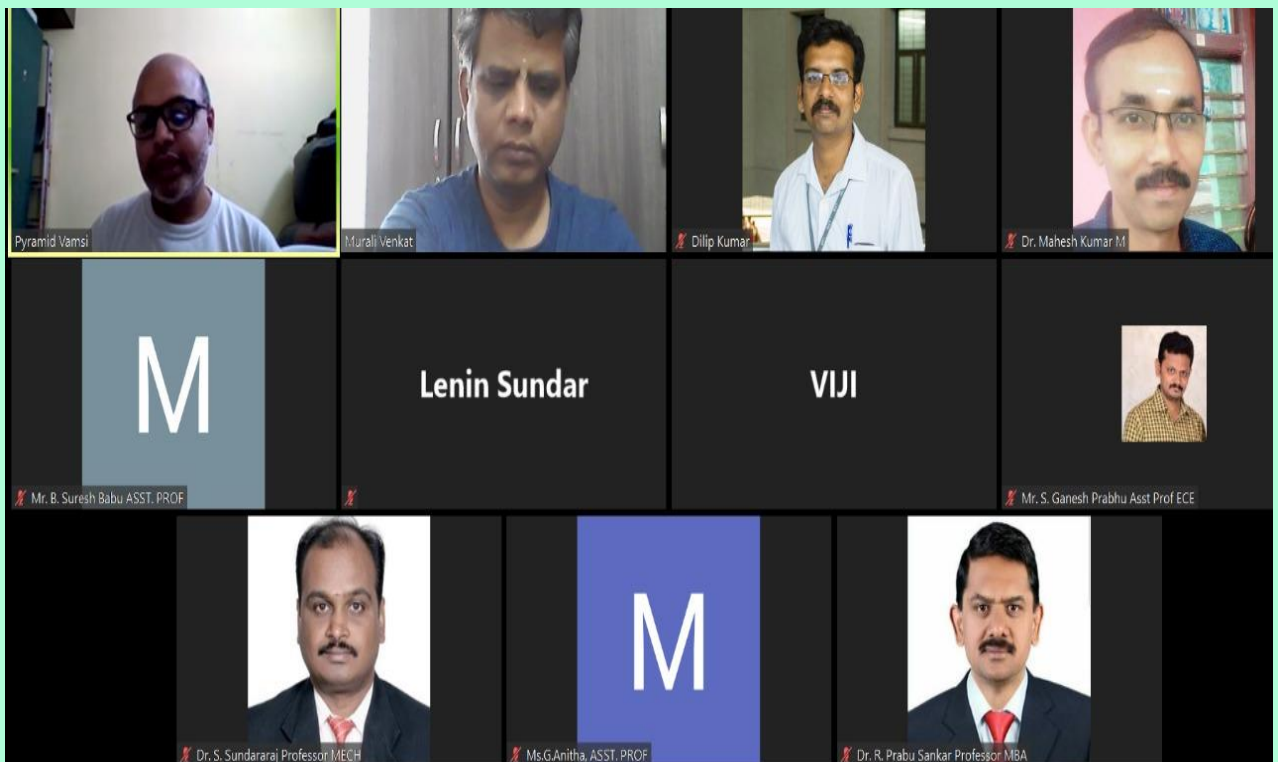
**SRI KRISHNA COLLEGE OF TECHNOLOGY**  
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**WEBINAR TITLE: QUANTUM & MEDITATION**

**GUIDED BY: MASTER VAMSI KRISHNA**  
PYRAMID SPIRITUAL SOCIETIES  
MOVEMENT (PSSM), CHENNAI

**DATE: WED, 22<sup>nd</sup> APR 2020**  
**TIME: 9:00 AM - 10:00 AM**  
**ZOOM 702 694 1141**

Organized by the Center for Research & Development, Sri Krishna College of Technology, Coimbatore. For clarifications and feedback, please write to [crd.office@skct.edu.in](mailto:crd.office@skct.edu.in)





The Dept. of Mechanical Engineering organized a Webinar on **“Introduction to CFD”** for the benefit of Students and Members of Faculty by Mr M Midhun, Senior Research Fellow, CSIR, NIIST, Kerala on 21 April 2020.



Contents

- What is CFD and why you should care about it?
- Advances in CFD – w.r.t various fields
- What should you know to get into CFD?
- Benefits of learning CFD
- Learning resources that are available for you

### What is Computational Fluid Dynamics?

CFD is “solving fluid flow problems numerically”

“CFD is the art of replacing the integrals or the partial derivatives (as the case may be) in the Navier-Stokes equations by discretized algebraic forms, which in turn are solved to obtain numbers for the flow field values at discrete points in time and/or space.”  
(John D. Anderson, Jr. 1995).

Computational Fluid Dynamics is a tool that allows us to solve flow problems that have known analytical solutions and cannot be solved in any other way.

### Navier Stokes Equations

- Describes motion of viscous fluids.
- It's analogous to Newton's second law.
- It is a set of coupled Partial differential equations that helps predict fluid behaviour.

### What is CFD all about?

**Navier-Stokes Equations**  
3 - dimensional - unsteady

Coordinates (x,y,z) Time: t Density: ρ Pressure: p Reynolds Number: Re  
Velocity Components (u,v,w) Stress: τ Heat Flux: q Prandtl Number: Pr

Continuity:  $\frac{\partial \rho}{\partial t} + \frac{\partial (\rho u)}{\partial x} + \frac{\partial (\rho v)}{\partial y} + \frac{\partial (\rho w)}{\partial z} = 0$

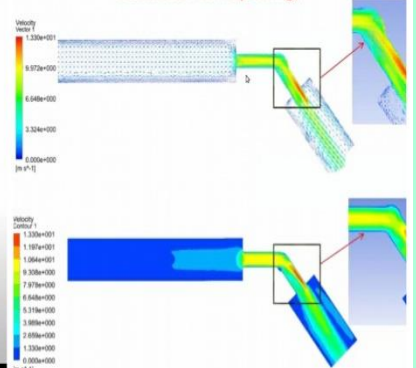
X - Momentum:  $\rho \left( \frac{\partial u}{\partial t} + u \frac{\partial u}{\partial x} + v \frac{\partial u}{\partial y} + w \frac{\partial u}{\partial z} \right) = -\frac{\partial p}{\partial x} + \mu \left( \frac{\partial^2 u}{\partial x^2} + \frac{\partial^2 u}{\partial y^2} + \frac{\partial^2 u}{\partial z^2} \right) + \rho g_x$

Y - Momentum:  $\rho \left( \frac{\partial v}{\partial t} + u \frac{\partial v}{\partial x} + v \frac{\partial v}{\partial y} + w \frac{\partial v}{\partial z} \right) = -\frac{\partial p}{\partial y} + \mu \left( \frac{\partial^2 v}{\partial x^2} + \frac{\partial^2 v}{\partial y^2} + \frac{\partial^2 v}{\partial z^2} \right) + \rho g_y$

Z - Momentum:  $\rho \left( \frac{\partial w}{\partial t} + u \frac{\partial w}{\partial x} + v \frac{\partial w}{\partial y} + w \frac{\partial w}{\partial z} \right) = -\frac{\partial p}{\partial z} + \mu \left( \frac{\partial^2 w}{\partial x^2} + \frac{\partial^2 w}{\partial y^2} + \frac{\partial^2 w}{\partial z^2} \right) + \rho g_z$

Total Energy - Et:  $\rho \left( \frac{\partial E}{\partial t} + u \frac{\partial E}{\partial x} + v \frac{\partial E}{\partial y} + w \frac{\partial E}{\partial z} \right) = -\frac{\partial (p u)}{\partial x} - \frac{\partial (p v)}{\partial y} - \frac{\partial (p w)}{\partial z} + \frac{\partial (q_x)}{\partial x} + \frac{\partial (q_y)}{\partial y} + \frac{\partial (q_z)}{\partial z} + \rho \dot{q}$

### Velocity Contour & Velocity Vectors (Velocity inlet condition full opening)



### Meshing

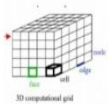
Construction of a quality grid is crucial to the analysis.

Choice of grid type depends on: complexity.

Element types supported by solver.

Hexahedral offers the greatest flexibility.

Quality of solution adaption.



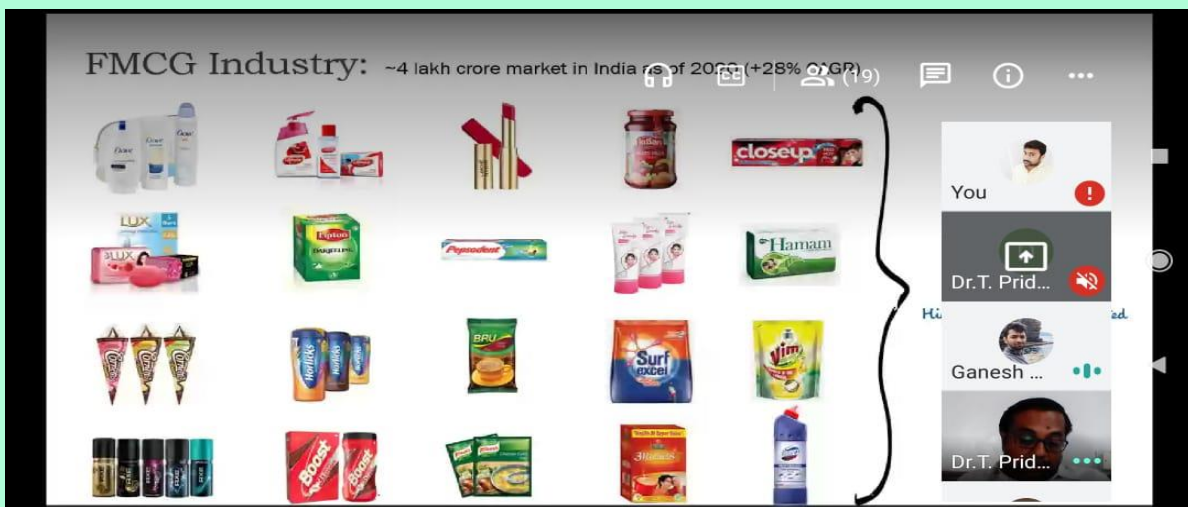
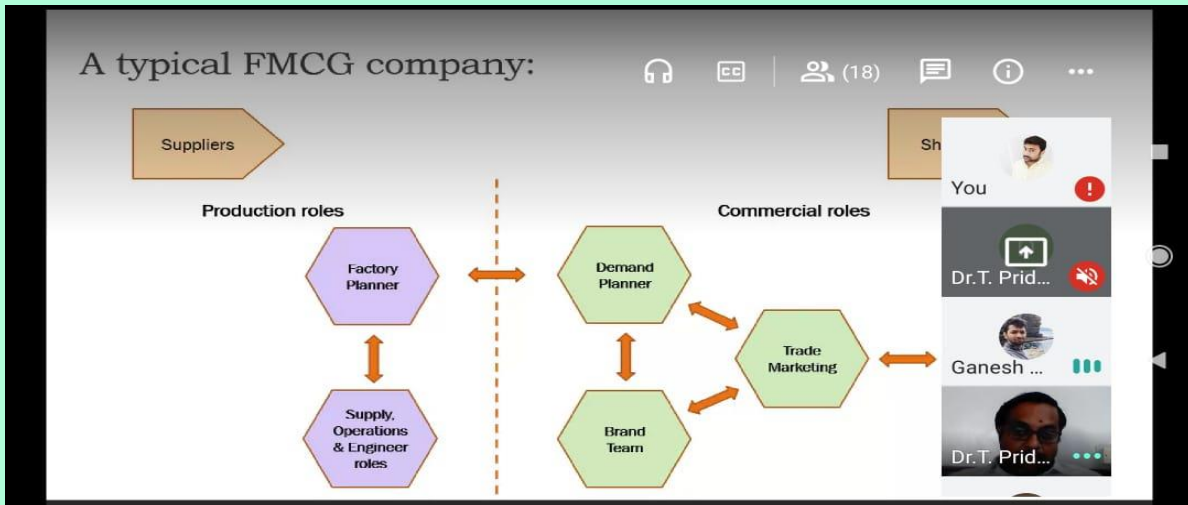
### Bio-medical appl

Participant list:

- Dhivagar Ramasamy (me, host)
- RP R.S.Suriya Prakash
- MM MIDHUN MURALI
- M Mr. B. Suresh Babu ASST. PROF
- SP Sivaraman Pr
- Aravindkumar Narayanasamy
- A Asrith
- joe jaf
- JG JOHN GEORGE



The Dept. of Mechanical Engineering organized a Webinar on “Engineering Thinking In FMCG Industry” for the Students and Members of Faculty by Mr N Ganesh Prasad, Assistant Trade Marketing Manager, Kimberly - Clark, Singapore, an Alumnus of Mechanical Engineering (2011-2015 Batch) on 22 April 2020.





The Dept. of CSE organized a Webinar on '**Industry Expectations and How to crack interviews**' between 11 am and 12 Noon on 22 April 2020. The session was handled by Mr Praveen Ravichandran, Senior Software Engineer, Robert Bosch Engineering and Business Pvt. Ltd., Coimbatore. Ms B Dhanalakshmi, Asst. Professor, Dept. of CSE coordinated the event.



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Kovaipudur, Coimbatore - 641042

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
(Accredited by NBA)

&

**INSTITUTION'S INNOVATION COUNCIL (IIC)**

ORGANIZES A

**WEBINAR ON**

**INDUSTRY EXPECTATIONS AND HOW TO CRACK INTERVIEWS**

RESOURCE PERSON

**Mr. PRAVEEN RAVICHANDRAN**

Senior Software Engineer  
Robert Bosch Engineering and Business Pvt Ltd  
Coimbatore



ONLINE TOOL



Meeting Number : 579 374 887

Password : 123456

DATE



TIME

11



AM

VENUE





Animations Slide Show Review View Help Tell me what you want to do

Internet can contain viruses. Unless you need to edit, it's safer to stay in Protected View. [Enable Editing](#)

# A WEBINAR ON INDUSTRIAL EXPECTATIONS AND TIPS TO CRACK INTERVIEWS

Dr. A.Balamurugan, ...

Dhanalakshmi Balakrish...

Praveen

kavithamargret

This image shows the title slide of a webinar. The slide features a background with colorful, wavy lines in shades of purple, blue, and pink. The main title is "A WEBINAR ON INDUSTRIAL EXPECTATIONS AND TIPS TO CRACK INTERVIEWS". On the right side, there is a vertical list of participant names: Dr. A.Balamurugan, Dhanalakshmi Balakrish, Praveen, and kavithamargret. The top of the slide shows the Microsoft PowerPoint interface with a menu bar and a warning message about Protected View.

A.Balamurug... Dhanalakshmi B... Praveen Aiswaryadevi...

Participants (49)

Find a participant

- DA Dr. A.Balamurugan, PROFE... (M...
- DB Dhanalakshmi Balakri... (Host)
- P Praveen
- A Abinaya U
- 17TUC5027 DHANA SRLV
- 1 17tucs049
- 17TUCS154 ROHINI.G
- S 17TUCS207 SARUS
- 17TUCS255 VISHNU VARDHAN
- A 18TUCS021 ATSAYA A.
- 18TUCS044 HARISH S.
- Aiswaryadevi V J
- A Akash

Mute Me Raise H

A Webinar on industrial expectations (Protected View) - PowerPoint

Internet can contain viruses. Unless you need to edit, it's safer to stay in Protected View. [Enable Editing](#)

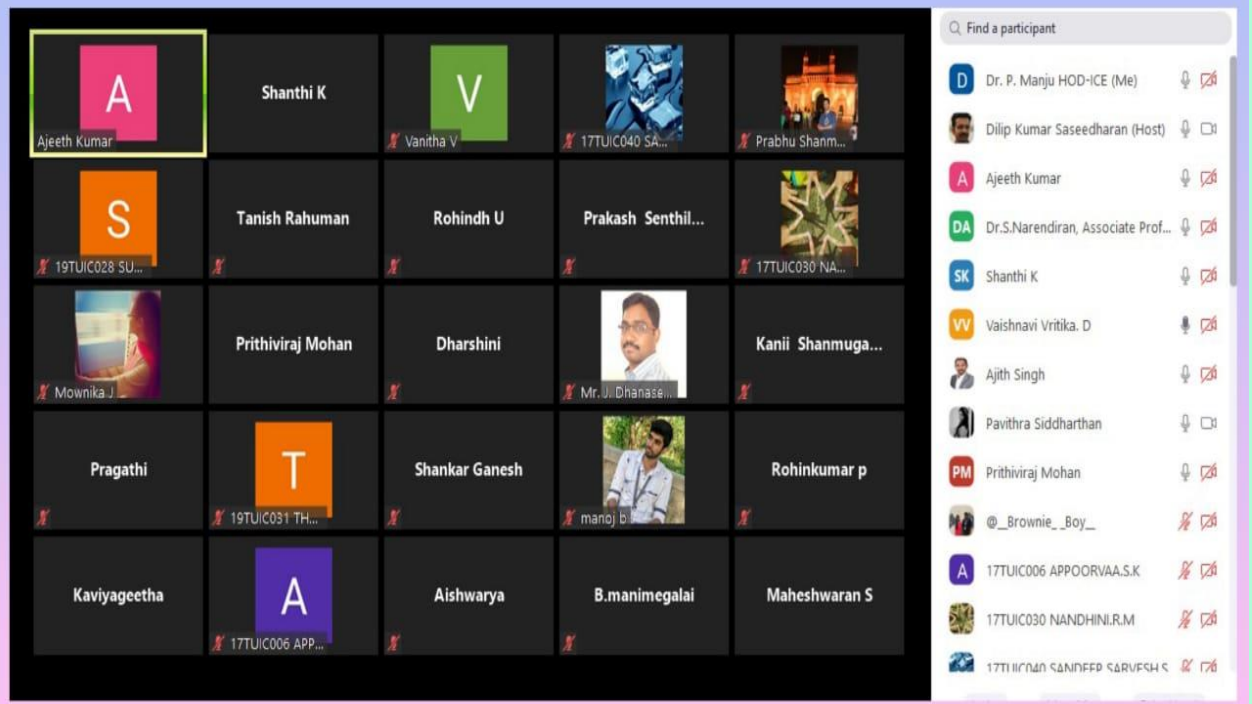
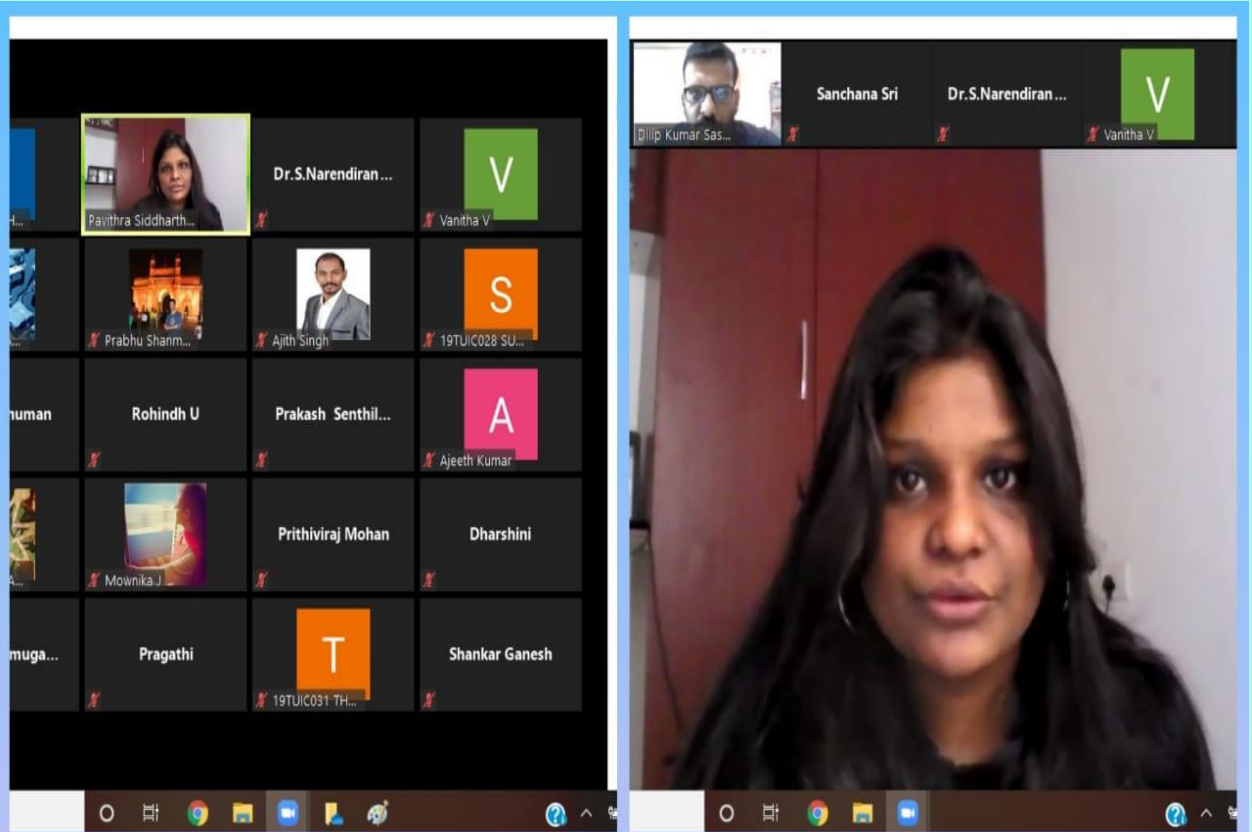
## OPPORTUNITIES IN IT SECTOR

- Do we have enough opportunities in IT sector ?

YES!

This image shows a content slide from the webinar. The slide has a light blue background with a grid pattern. The title is "OPPORTUNITIES IN IT SECTOR". Below the title, there is a bullet point: "Do we have enough opportunities in IT sector ?". At the bottom of the slide, there is a graphic with the word "YES!" inside a speech bubble, surrounded by various geometric shapes and symbols. On the right side, there is a list of participants with their names and initials. The top of the slide shows the Microsoft PowerPoint interface with a menu bar and a warning message about Protected View.

The Dept. of ICE organized a Webinar on **“Instrumentation & Healthcare Sector”** by Ms S Pavithra, Software Developer, Forus Healthcare, Bengaluru on 21 April 2020. Mr S Dilip Kumar, Asst. Professor, Dept. of ICE coordinated the event.





The Dept. of Civil Engineering organized a Webinar on **“Earthquake Hazard, Risk and Mitigation”** on 22 April 2020. Dr Sreevalsa Kolathayar, Assistant Professor, NIT – Surathkal, chaired the session and shared his words of wisdom with the Students and the Members of Faculty in the Dept. of Civil Engineering.




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 KOVAIPUDUR, COIMBATORE - 641042.

DEPARTMENT OF CIVIL ENGINEERING

INSTITUTION'S INNOVATION COUNCIL  
 (Member of IISc Institutes)


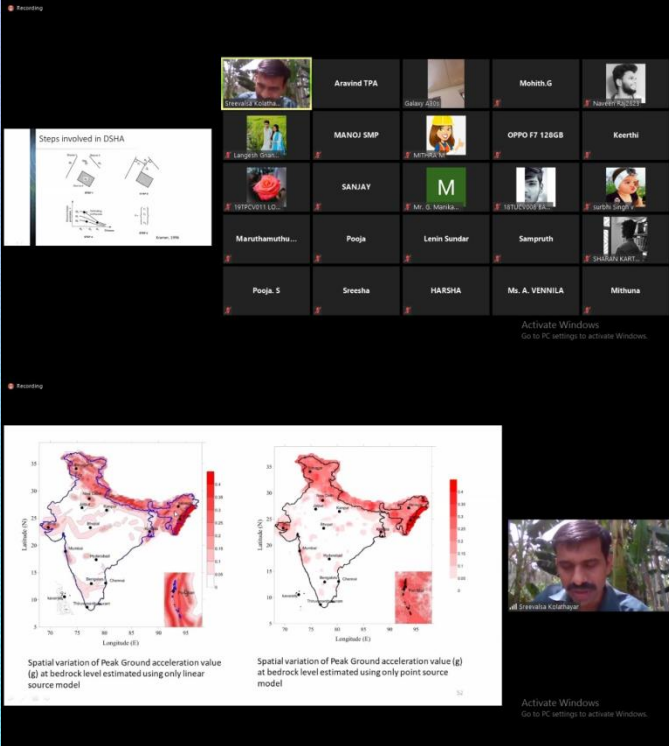
Organizing a webinar on  
**Earthquake Hazard, Risk and Mitigation**

Resource Person

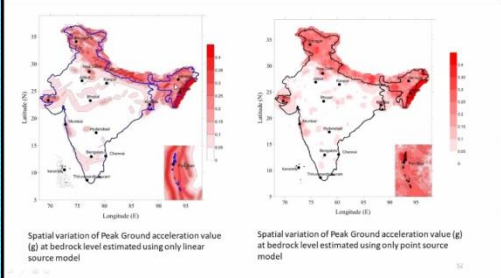


**Dr. Sreevalsa Kolathayar**  
 Assistant Professor  
 NIT - Surathkal

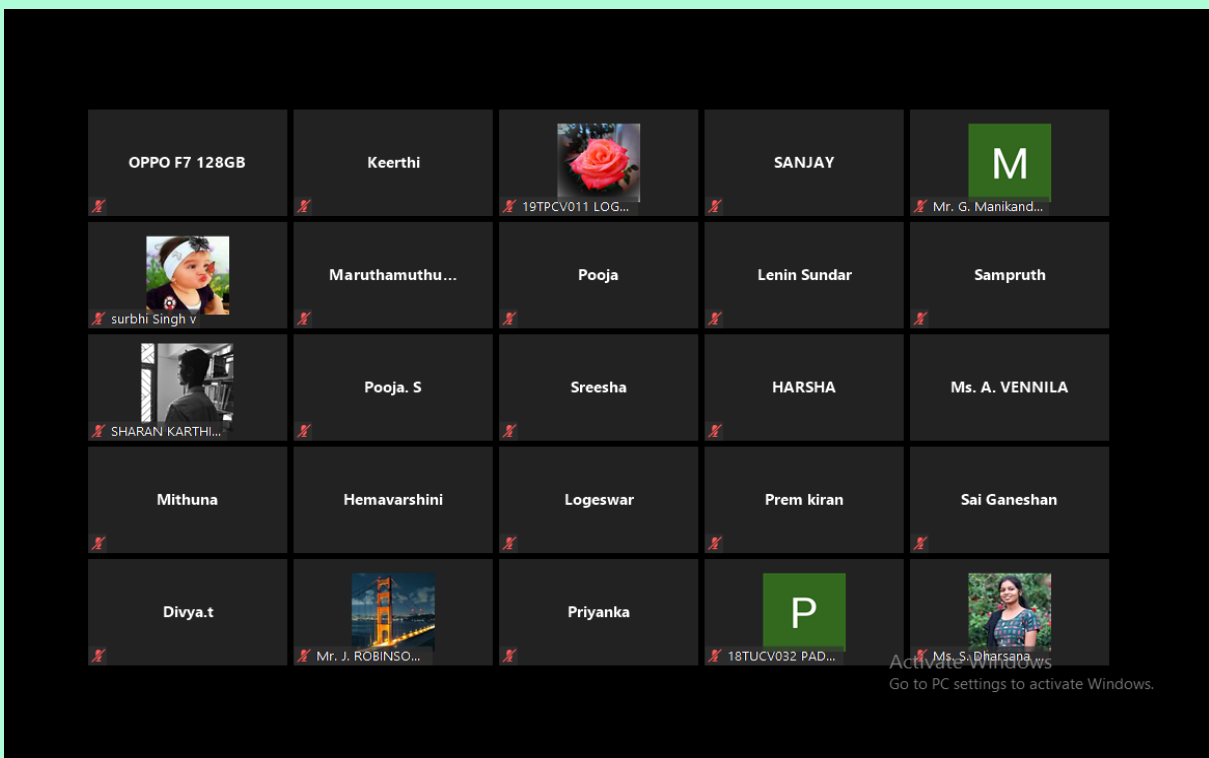
DATE: 22.04.2020  
 TIME: 10.30 - 11.30 AM

Steps involved in DSHA



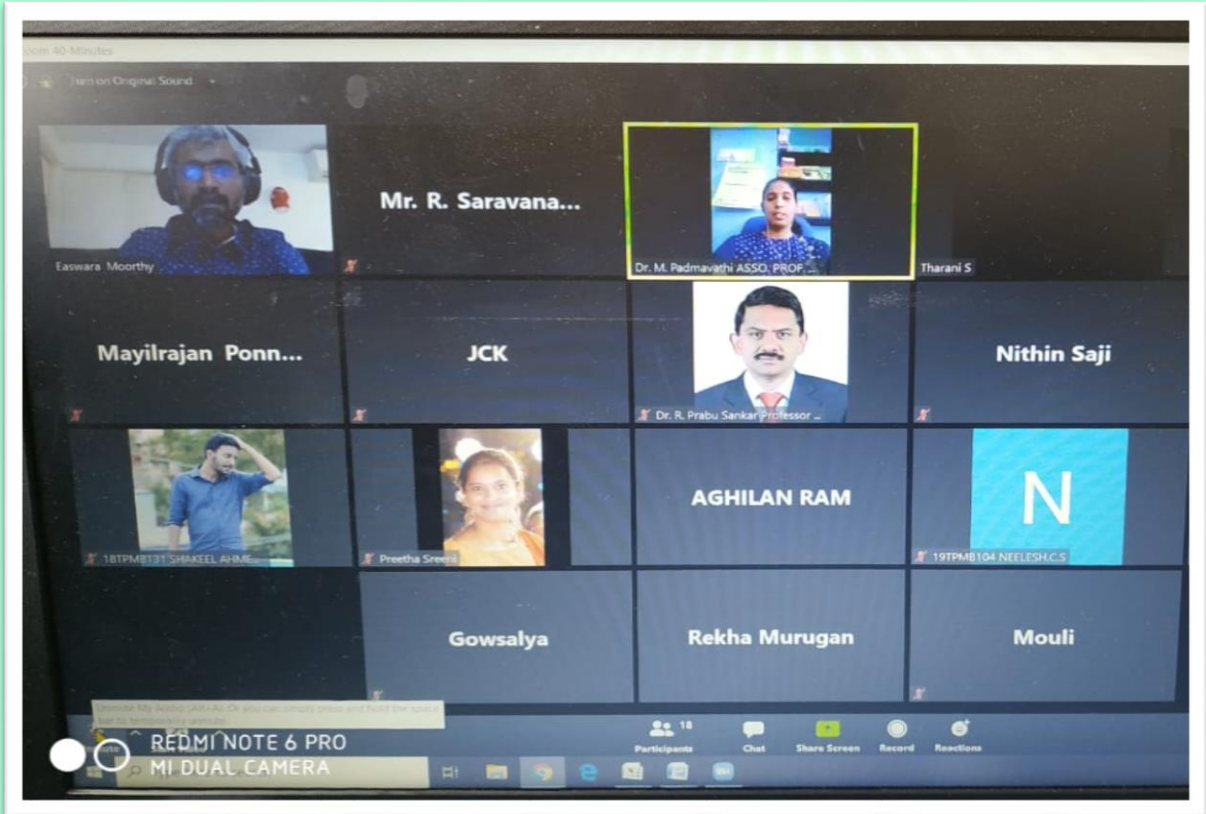
Mr. Sreevalsa Kolathayar



OPPO F7 128GB	Keerthi	19TPCV011 LOG...	SANJAY	M
surbhi Singh v	Maruthamuthu...	Pooja	Lenin Sundar	Sampruth
SHARAN KARTHI...	Pooja. S	Sreesha	HARSHA	Ms. A. VENNILA
Mithuna	Hemavarshini	Logeswar	Prem kiran	Sai Ganesan
Divya.t	Mr. J. ROBINSO...	Priyanka	18TUCV032 PAD...	Ms. S. Dharsana



The School of Management organized a Webinar on “**Chat Room- Live Interaction**” for I & II year students on 22 April 2020. Mr Easwara Moorthy, Manager- Global Operations (Quality) Facebook, Singapore, an Alumnus of SKCT SoM – Batch 1998-2000 was the Resource Person.





The Dept. of ECE organized a Webinar on “**Students to Professional-Emphasis on Resume Building and LinkedIn Profile**” with Mr Vignesh Kalirajan, Senior Engineer, Vitesco, Bengaluru & an Alumnus of SKCT on 21 April 2020 through CISCO WebEX Platform. Mr S Ganesh Prabhu, Asst. Professor & Dr S Senoj Joseph, Assoc. Professor, Dept. of ECE coordinated the event.

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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
[accredited by NBA under Tier - I]

Facilitating a Motivational Lecture on  
**Students to Professional-  
Emphasis on resume building and LinkedIn Profile**

**Guest Speaker**  
Vignesh Kalirajan  
Sr Engineer,  
Vitesco, Bangalore  
[an alumnus of ECE,SKCT]

**Schedule**  
On April 21, 2020 @ 3 pm  
through CISCO Webex

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

**ECE Association**

velan has joined the meeting.

**Students - Professional**

VEI4 INNOVATIVE LLP, Tamilnadu

VEI4

Cisco Webex Meetings

Options for Profession

Participants (25)

- BB Banuselvasarasw...
- VG Vignesh Kalirajan (Host)
- 1 18tuec120
- AV Abishhek VS
- AV Annie Jennifer V
- C1 CSR.KAVIN 18TUEC114
- DG Deepika. C. G
- D devadarsani
- DJ Dr Senoj Joseph
- G G.Anitha
- G gayavaradharaj27434
- H Haswanth



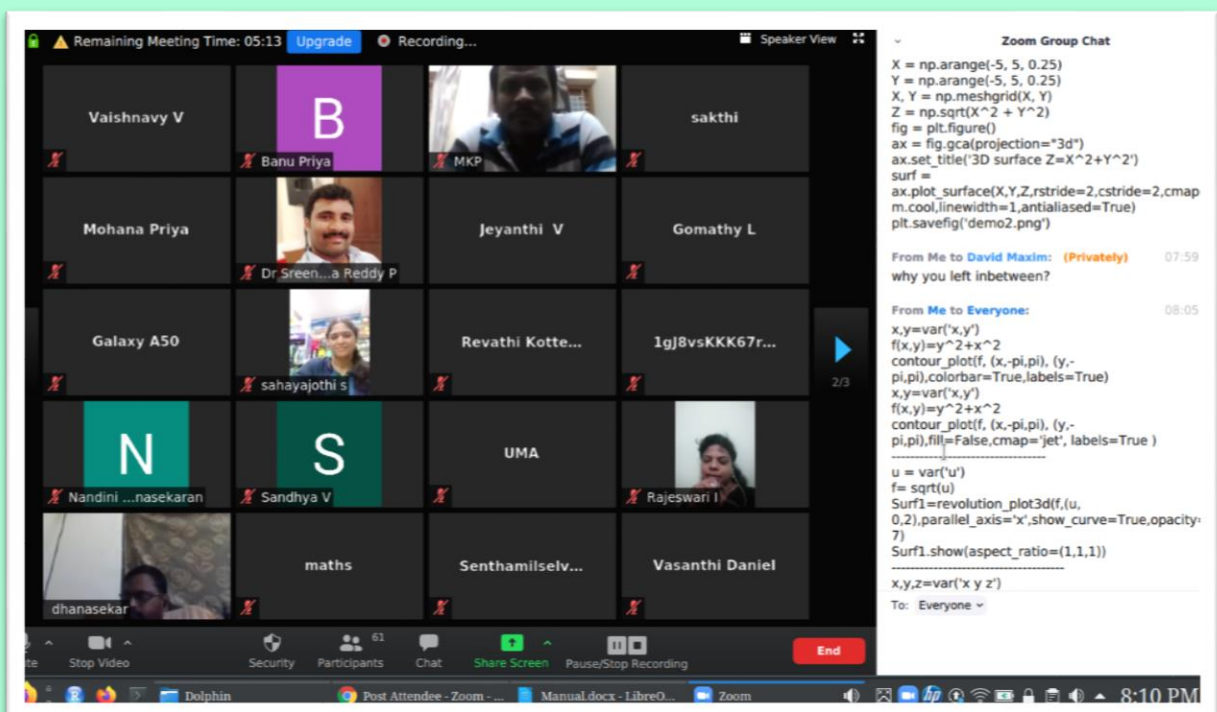
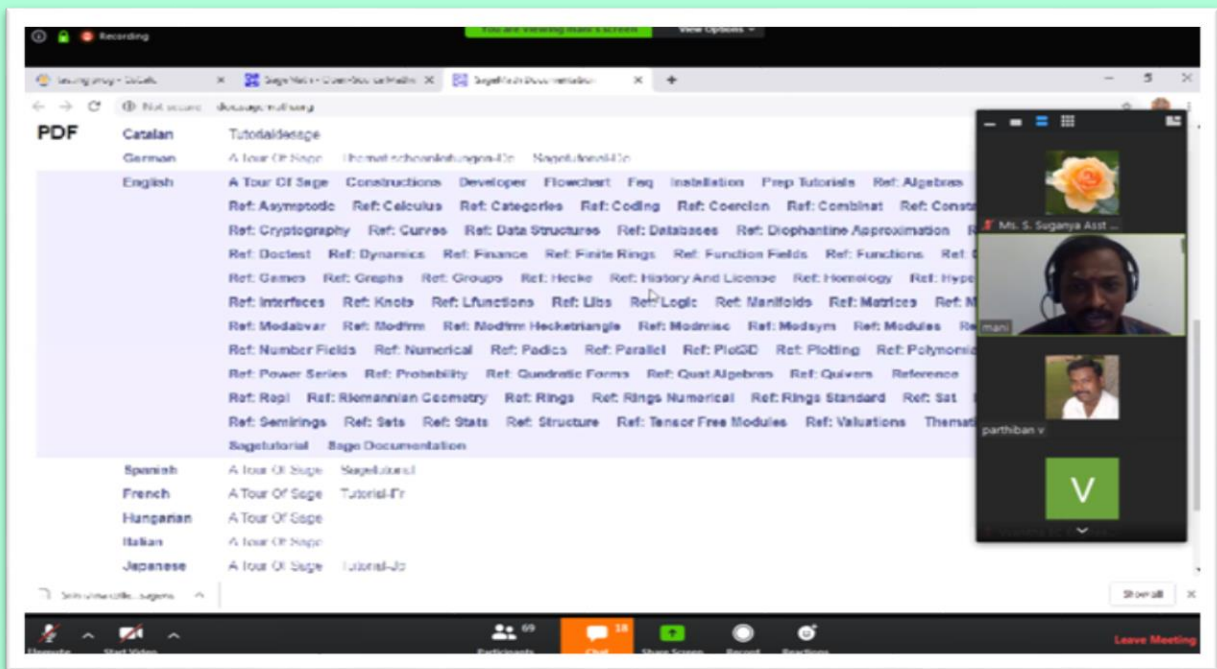


The Dept. of EEE organized a Webinar on “**Charging Technologies for Electric Vehicles**” facilitated by Mr Saravana Prakash Dharmalingam, Architect, Robert Bosch Engineering and Business Solutions Pvt. Ltd. on 22 April 2020. Ms A Elakkiya, and Ms T Dharanika, Asst. Professors, Dept. of EEE coordinated the event.

The screenshot displays a Zoom webinar interface. At the top, the status bar shows the time as 10:19 AM and 10:25 AM, along with system icons for volume, network, and battery. The main content area features a presentation slide titled "Charging technologies for Electric vehicles (1.0)" by Saravanaprakash Dharmalingam, System engineer for EV charging systems at Robert Bosch Engineering and Business solutions Pvt Limited. The slide includes a diagram of "Electric vehicle Architecture" with components labeled: Charging Plug, Battery, Power Electronics, Drive Train, and Inductive Charging Panel. Below the slide, a video thumbnail shows the host, Saravanaprakash Dharmalingam, with the caption "Why I have to know about Electric vehicle and its charging technology?". The bottom of the interface shows two identical video thumbnails of the host, each with a control bar containing icons for mute, video, a menu, and a close button.



The Department of Science and Humanities has conducted a webinar on **“Open Source Softwares for Mathematics Education - Session II ”** on 21.04.2020 Dr A Manivannan, Asst. Professor of Mathematics, School of Advance Sciences, VIT Chennai facilitated the Webinar. The webinar was coordinated by Ms S Suganya, Asst. Professor, Dept. of S&H.



The Department of Information Technology and Institutions Innovation Council jointly organized a Webinar on “**Big Data and Data Science in Industry Perspective**” on 22 April 2020. The Resource Person was Mr N Sai Natarajan, MD, Duratech Solution, Coimbatore.



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**DEPARTMENT OF INFORMATION TECHNOLOGY**  
&  
**INSTITUTION'S INNOVATION COUNCIL**

*Organizes*

**WEBINAR**

*On*



**BIG DATA AND DATA SCIENCE IN INDUSTRY PERSPECTIVE**

*By*



**Mr. N. Sai Natarajan,**  
MD, Duratech Solution,  
Coimbatore



22 April 2020



2 - 3 PM



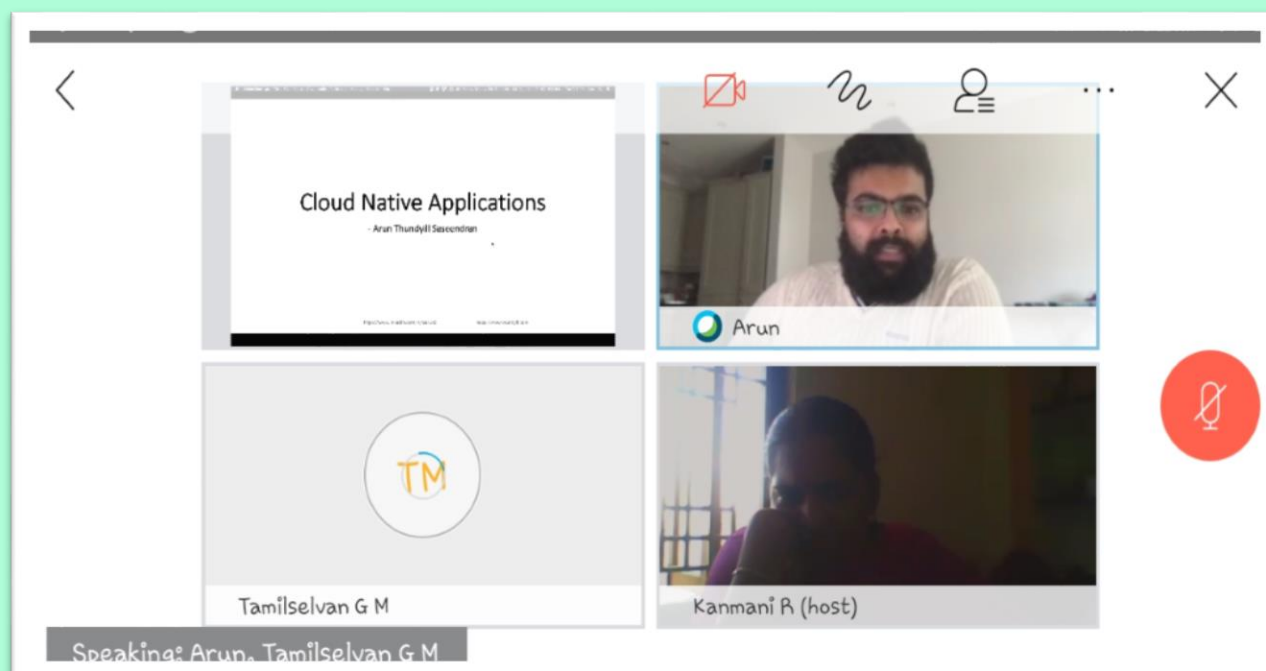
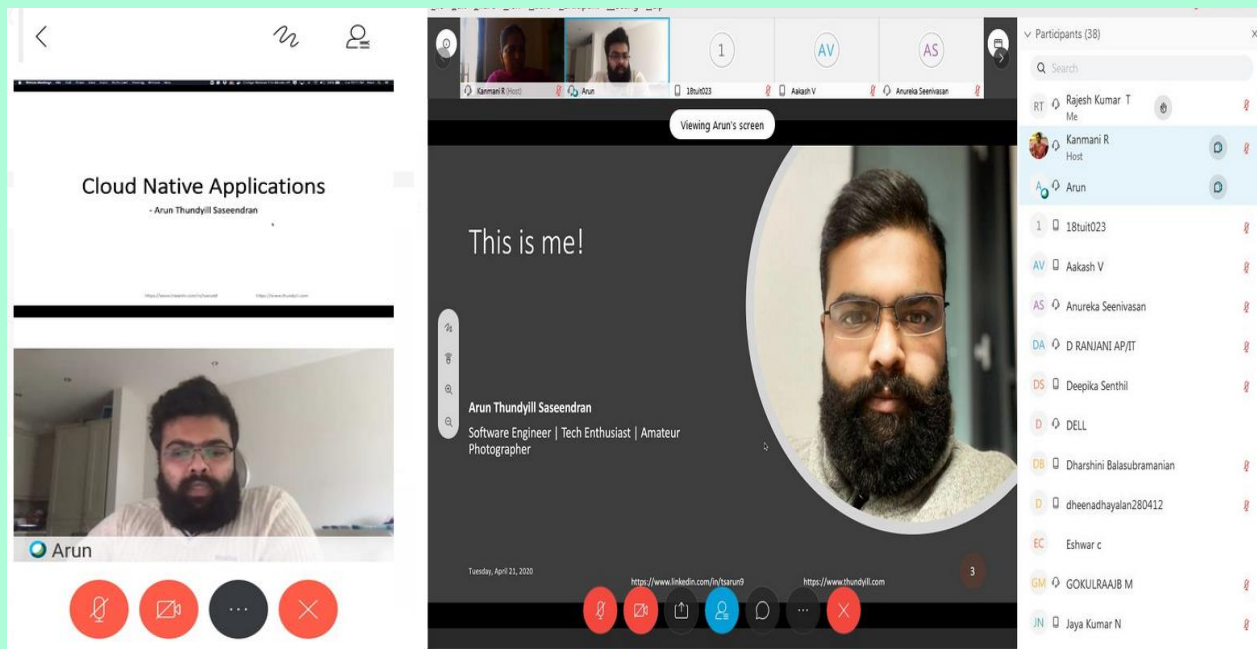
**CISCO WebEx**

**MEETING ID: 585313367**

**PASSWORD: skct12345**



The Department of Information Technology and Institutions Innovation Council jointly organized a Webinar on “**Cloud – Native Applications**” on 21 April 2020. The Resource Person Mr Arun Thundyill Saseendran, Senior Software Engineer, Innovation Center, Deem Imc., Dublin, Ireland and Visiting Researcher, Trinity College, University of Dublin, Ireland. Dr R Kanmani, Asso. Professor, Dept. of IT arranged the session.





Ms Reshma Sultana, Asst. Professor, Dept. of IT handled an Online Programming Series on “**Java Programming**” to all the interested Students of B.E./B.Tech. between 4.00 pm and 6.00 pm on 21 April 2020. Multi Threading, Collections and JDBC connectivity in class 5 session were discussed in the Online Session.

GoToMeeting interface showing a presentation slide titled "Difference b/w arraylist and linkedlist". The slide compares ArrayList and LinkedList:

ArrayList	LinkedList
1) ArrayList internally uses a <b>dynamic array</b> to store the elements.	LinkedList internally uses a <b>doubly linked list</b> to store the elements.
2) Manipulation with ArrayList is <b>slow</b> because it internally uses an array. If any element is removed from the array, all the bits are shifted in memory.	Manipulation with LinkedList is <b>faster</b> than ArrayList because it uses a doubly linked list, so no bit shifting is required in memory.
3) An ArrayList class can <b>act as a list</b> only because it implements List only.	LinkedList class can <b>act as a list and queue</b> both because it implements List and Deque interfaces.
4) ArrayList is <b>better</b> for <b>accessing data</b> .	LinkedList is <b>better</b> for <b>manipulating data</b> .

Additional text on the slide: "Ability to demonstrate the difference between Object Oriented concepts".

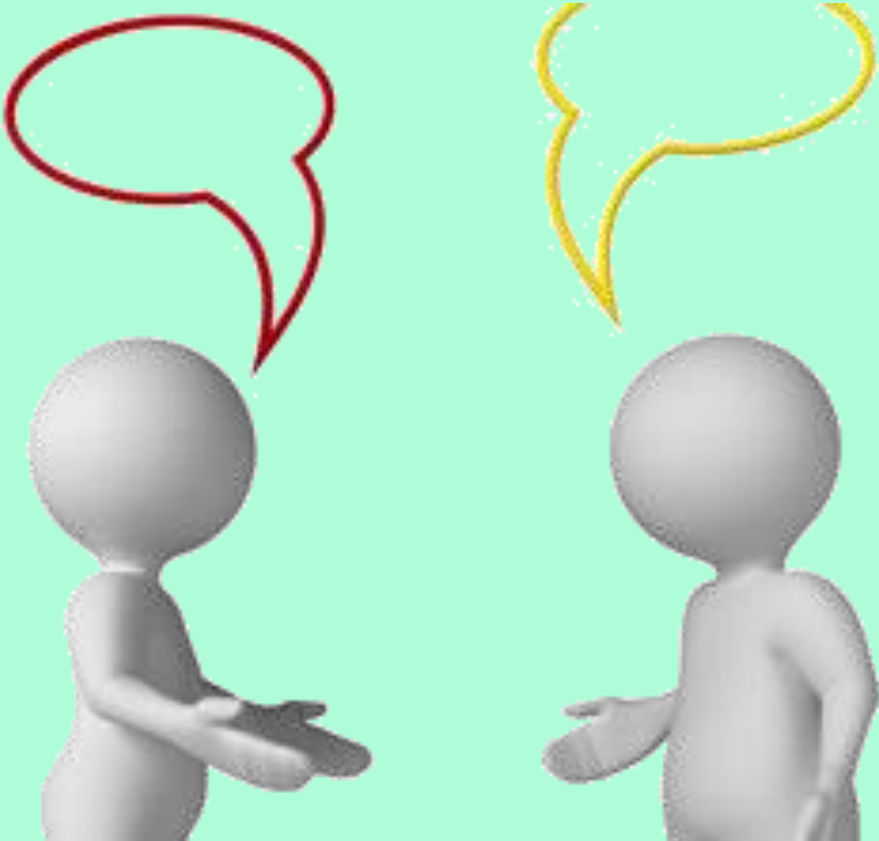
GoToMeeting interface showing a Java IDE (Eclipse) with a code editor. A dialog box titled "Errors in Workspace" is displayed, asking to "Proceed with launch?". The code in the editor is:

```

import java.util.*;
public class Sample {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
        int n = scanner.nextInt();
        ArrayList<String> list = new ArrayList<>();
    }
}

```

# TALK SERIES







Members of Faculty from SKCT attended the Sky Campus – **Digital Knowledge Series 2020 Season 2** organized by ICT Academy on 22 April 2020. Mr.Rajendran Dhandapani, Director, Zoho Corporation & Ms Sangeetha Shankaran Sumesh, High Performance Business Coach interacted with the attendees. Mr A Sureshkumar, Asst. Professor, Dept. of IT coordinated the event.

ICTACADEMY Presents  
**Skycampus**  
DIGITAL KNOWLEDGE SERIES  
— 2020 —  
**LEADING IN A VUCA WORLD**  
EXPERT TALKS & CONVERSATIONS  
20 – 24 APR 2020 : EVERY DAY 10.00 – 11.10 AM  
EXPERT TALKS – 22 APR 2020 – 10 AM  
*The Corona effect*  
*Unlocking Business*      *The BC to AD Transformation*  
Sangeeta Shankaran Sumesh  
ED & CFO, Dun & Bradstreet  
High Performance Business Coach  
Rajendran Dandapani  
Director of Engineering  
President – Zoho School of Learning  
ZOHU Corporation  
Moderator : Dr B Anuthambi, President, ICT Academy  
[www.ictacademy.in/skycampus](http://www.ictacademy.in/skycampus)

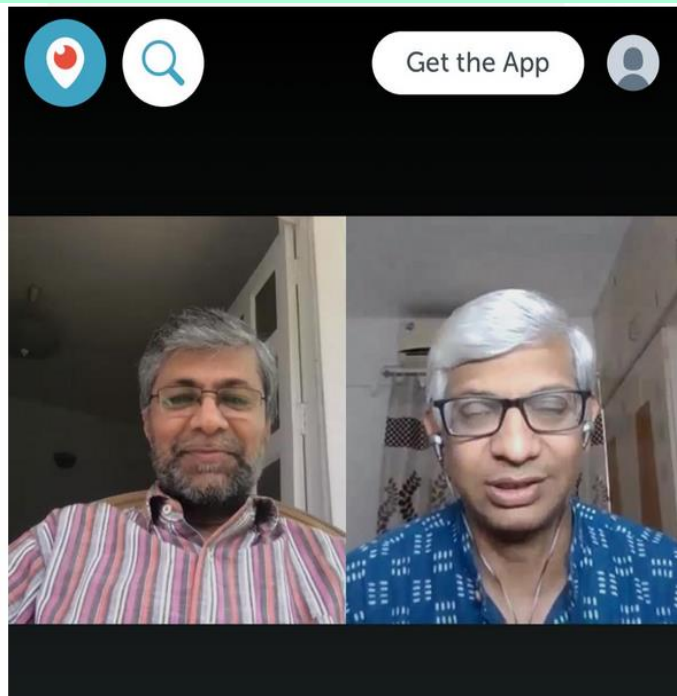
AA event.webinarjam.com  
RECONNECT  
919 00:15:44

RECONNECT

Skycampus : Digital Knowledg...  
<https://event.webinarjam.com>  
RECONNECT  
Total Cases  
Total Deaths  
3933 01:03:30



Members of Faculty and students from SKCT attended the seminar on “**Leadership Talk**” with Mr Vaidya Rajesh Kotecha, Secretary, Ministry of Ayush, Govt. of India & Dr Abhay Jere, Chief Innovation Centre, MHRD Innovation Cell through TWITTER live on 21 April 2020.



# EVENTS ORGANIZED





"A Day Celebrating all the Civil Servants who dedicated their lives to the cause of citizen". Students from the Dept. of ICE participated in the poster making competition celebrating "National Civil Service Day" on 21 April 2020.



Students of First year B. E. Mechanical C Section organized Know Your Home Quiz- 2020 competition on commemoration of **World Mother Earth Day**. Dr V Parimala, and Dr S Prabu, Asst. Professors, Dept. of Science and Humanities coordinated the event



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**International Mother Earth Day 2020**

**E-CERTIFICATE WILL BE PROVIDED** 





**KNOW YOUR HOME QUIZ-2020** 

Organised by- First year- MECH-C, SKCT **22 April 2020**

LINK WILL BE SENT TO MAIL ID

MSP

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**CERTIFICATE OF APPRECIATION**


THIS IS PRESENTED TO

*Dr. S. Prabu*

in grateful recognition of his/her participation in

**KNOW YOUR HOME QUIZ -2020**

organised by First year- MECHANICAL-C on 22-04-2020

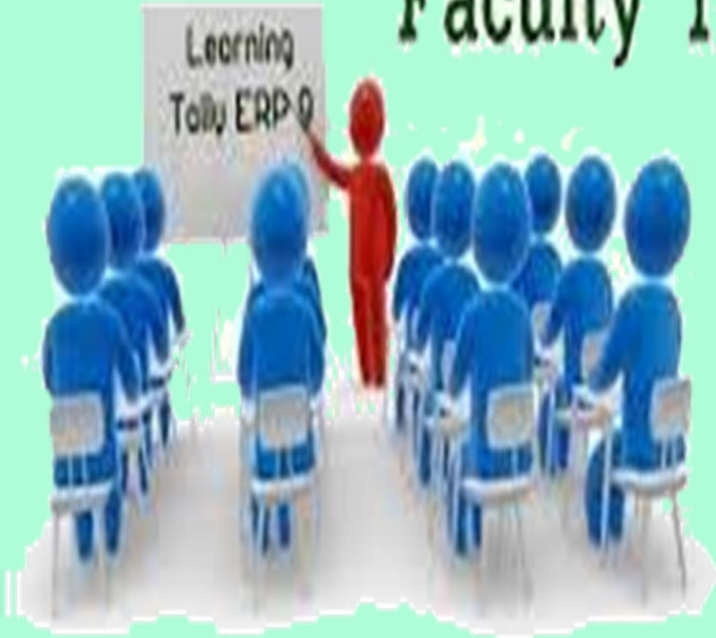


**FDPs ATTENDED**



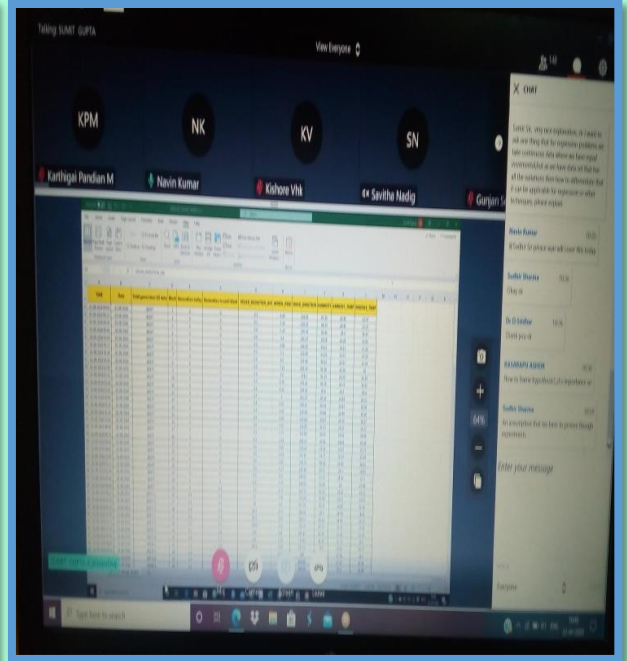
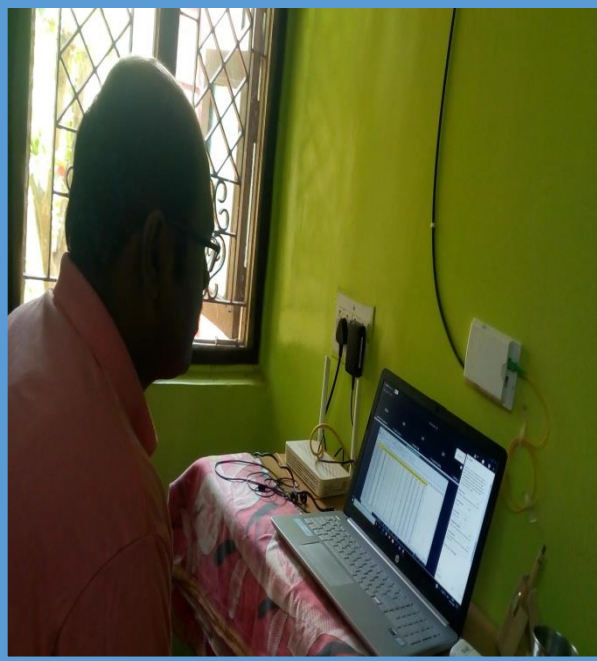
# Faculty Development Program

## Faculty Training





Dr M Karthigai Pandian, Asso. Professor, and Mr K Saravanakumar, Asst. Professor, Dept. of ICE attended the 3rd Day of the five-day ATAL FDP on “Data Science” on the topic “**Analysis of Data And Creation of Visualization Using Python**” conducted by Mr Navin Kumar, MSMSE, Meerut.



11:29 AM

SUMIT GUPTA is talking

Jupyter Untitled Last Checkpoint: 34 minutes ago (unsaved changes)

```
In [10]: # plotting library will be used later on and can also be used to save outcome of file
import matplotlib.pyplot as plt

In [9]: plot_data = pd.read_csv(filePath+"DAY_5_Ground Mounted_Data_data_Set.csv")
plot_data[['SOLAR_RADIATION_GHI', 'Generation in each block']].hist(figsize=(18,6))

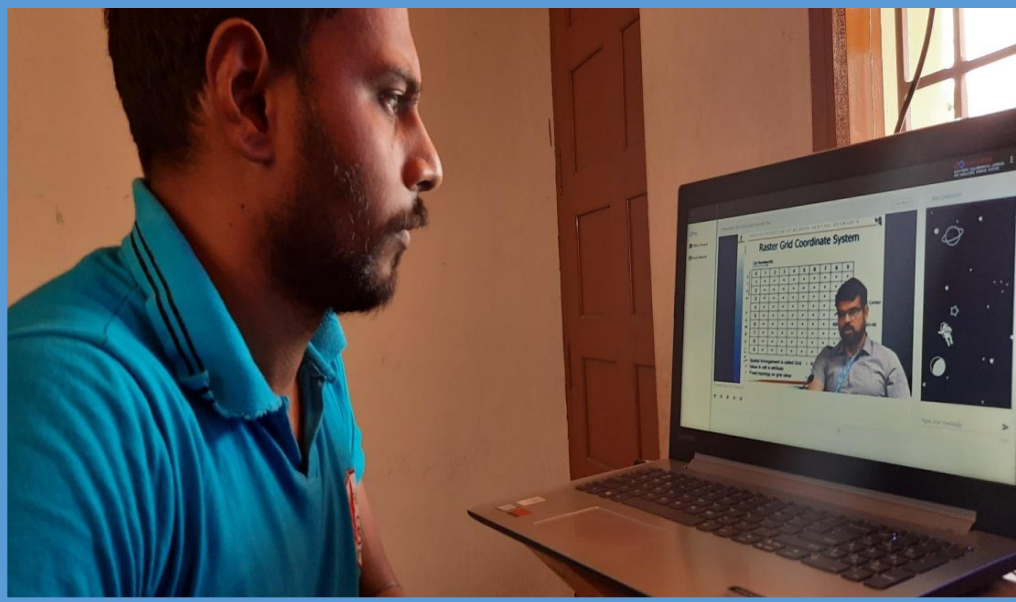
Out[9]: array([[<matplotlib.axes._subplots.AxesSubplot object at 0x000001P876F9408>,
<matplotlib.axes._subplots.AxesSubplot object at 0x000001P89E79E388>]],
dtype=object)
```

SOLAR\_RADIATION\_GHI

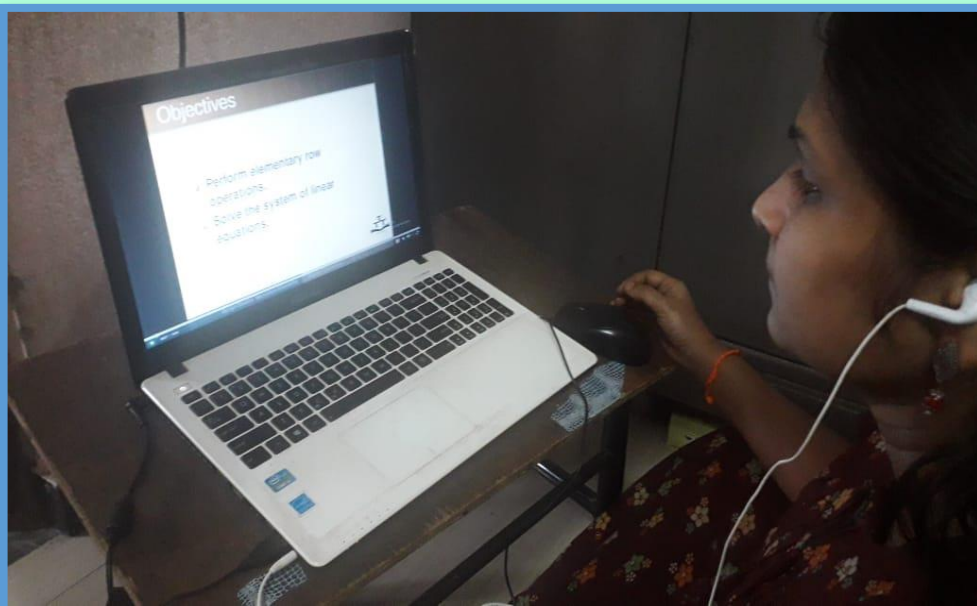
Generation in each block

22-04-2020

Mr Ajith.B.Singh, Asst. Professor, Dept. of ICE attended the Day 9 of ISRO sponsored FDP on “**Basic Principles of Remote Sensing**” on the topic GIS Data Models (Spatial & Non - Spatial) conducted by Shri Ashutosh Kumar Jha, Scientist/Engineer, Indian Institute of Remote Sensing, ISRO.



Mrs K Shanthi, Asst. Professor, Dept. of ICE participated the Day 3 FDP on “**SCILAB**” organized by IIT, Mumbai and handled by Professor Kannan M Moudgalya, Department of Chemical Engineering, IIT Bombay.







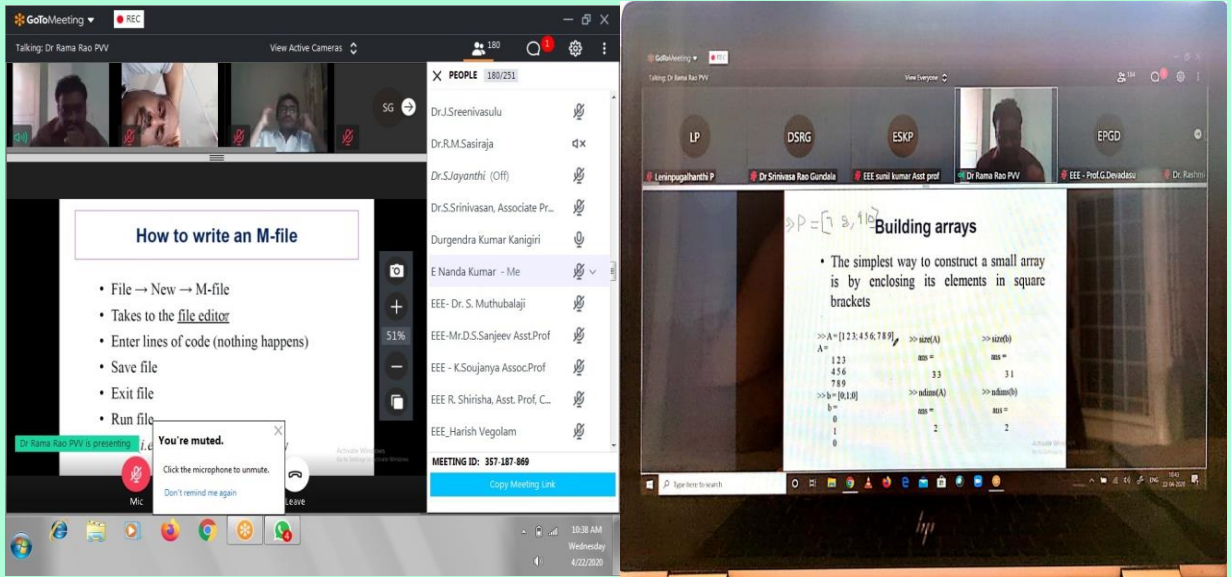


Dr S Siamaladevi, Asso. Professor, Dept. of CSE attended the Day 1 of the four-day AICTE Online Course on '**Examination Reforms**'. Prof Anil D Sahasrabude, Chairman, AICTE and Prof Ashok Shettar, Vice Chancellor, KLE Technological University, Hubballi handled the session on Importance of Examination Reforms in Indian Engineering Education System.

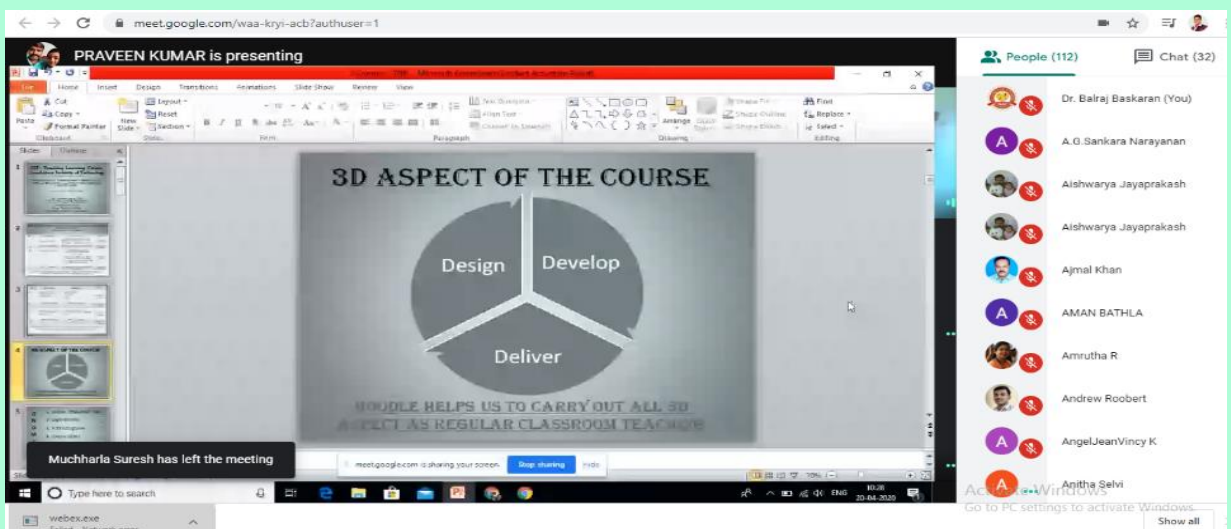
The screenshot shows a Zoom meeting interface. The main slide is titled "Examination Reforms" and features a central diagram. The diagram is a large triangle with a white circle in the center. The circle contains the text "Student Learning" in red. The triangle is divided into three sections: "Curriculum" (top, light blue), "Assessment" (bottom-left, dark blue), and "Pedagogy" (bottom-right, medium blue). To the right of the slide, the text "Three Key" is partially visible. A "Participants" window is open on the right side of the screen, showing a list of attendees. The list includes "Ashok Shettar" (with a profile picture), "Madhukar waware", "Prakash Tewari", "Rajive Kumar", and "Dr Siamala Devi S (me)". The total number of attendees is listed as 556 (No Privilege). The Zoom toolbar at the bottom of the window shows icons for mute, video, chat, and other controls.

The screenshot shows a Zoom meeting interface with a video feed of a speaker. The speaker is an older man with glasses and a white beard, wearing a light blue shirt. He is speaking into a microphone. The video feed is titled "anil sahasrabudhe". Below the video feed, there is a row of five small thumbnail images of other participants, labeled "Rajul Kumar (Host)", "Rajive Kumar", "anil sahasrabudhe", "Ashok Shettar", and "Dr Neeraj Saxena". A "Participants" window is open on the right side of the screen, showing a list of attendees. The list includes "Dr Neeraj Saxena", "Madhukar waware", "Prakash Tewari", and "Dr Siamala Devi S (me)". The total number of attendees is listed as 512 (No Privilege). The Zoom toolbar at the bottom of the window shows icons for mute, video, chat, and other controls.

Dr E Nandakumar, Asso. Professor, Mr P Lenin Pugalhanthi, Mr R Senthil kumar, and Mr T Bharaniprakash, Asst. Professors, Dept. of EEE have been attending the one-week Faculty Development Programme on **“Research Opportunities in Power Engineering (ROPE)”** since 22 April 2020 organized by CMR College of Engineering & Technology, Hyderabad. Dr P V V Rama Rao, Professor, Dept. of EEE, Dean R&D, Sri Vasavi Engineering College, Tadepalligudam, handled the session on 22 April 2020.



Dr B Balraj, Asst. Professor, dept. of EEE attended two-day Faculty Development Programme on **“Virtual Teaching”** organized by CIT - Teaching Learning Centre and handled by Mr Parveen Sharma, Asst. Professor, MMDU, Mullana (Ambala), Haryana.



# STUDENTS' PARTICIPATION & ACHIEVEMENTS





Mr V ManikandaPrabhu of Final year B.E. EEE B secured the Third Place in “**Hackathon from Home**” organized by ALniTek during 17 - 19 April 2020.



## Certificate of Achievement

3<sup>rd</sup>

*This is awarded to*

**Manikandaprabhu V**

*for securing 3<sup>rd</sup> place in*

**Hackathon-From-Home**

*Event powered by ALniTek  
April 17<sup>th</sup> - April 19<sup>th</sup>, 2020*

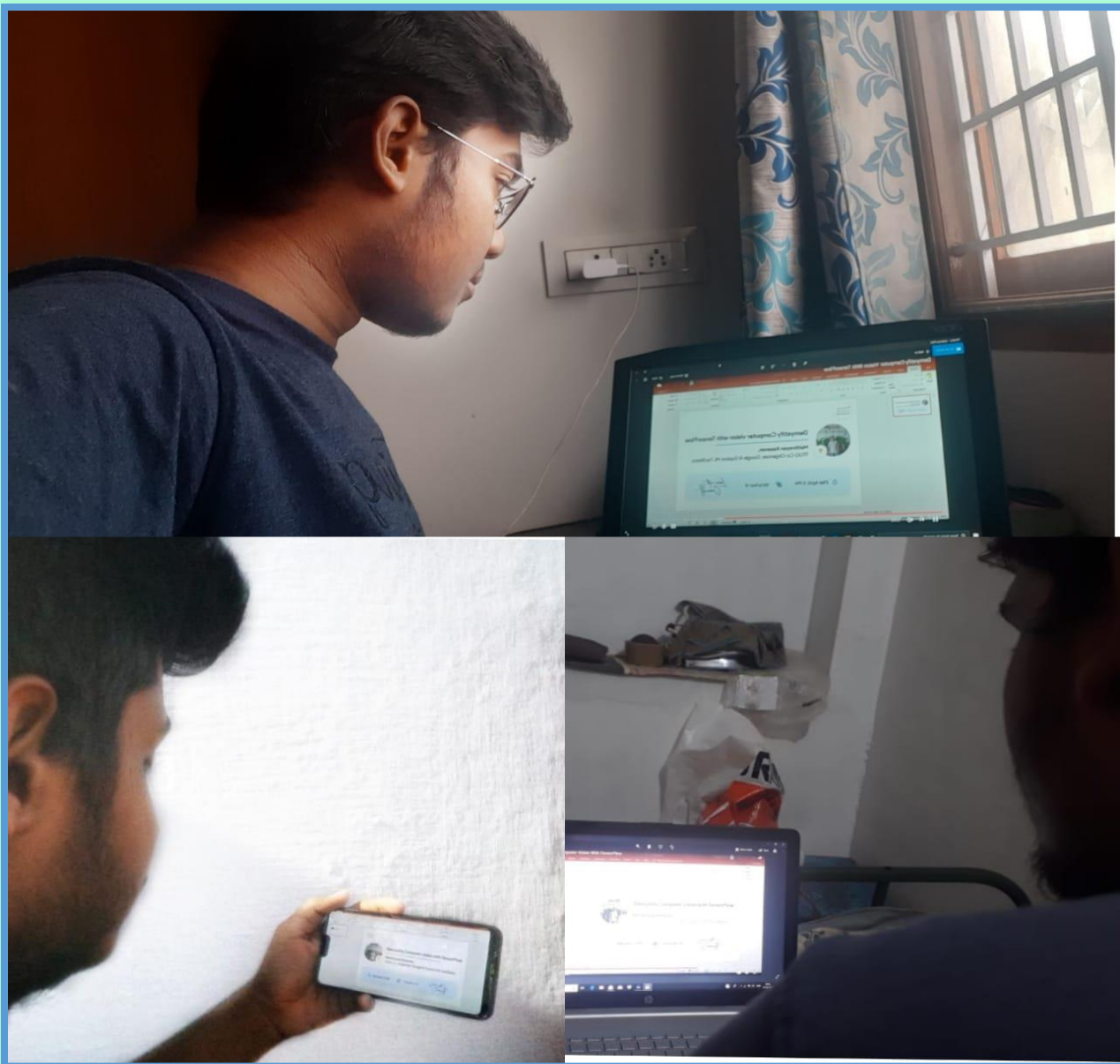
A handwritten signature in blue ink, appearing to read 'Sushma R', positioned above a horizontal line.

**Sushma R**  
Special Guest and Judge

A handwritten signature in blue ink, appearing to read 'Prabhakar Pavate', positioned above a horizontal line.

**Prabhakar Pavate**  
Director - Technology & Innovation

Second Year students Mr S Sri Sabhari, Mr S Subish and Mr J Vinoth from the Dept. of ICE attended a Webinar on “**Demystify Computer Vision with Tensor Flow**” by Maithreyan Kesavan, T FUG Co-Organizer, Google AI Explore ML Facilitator.



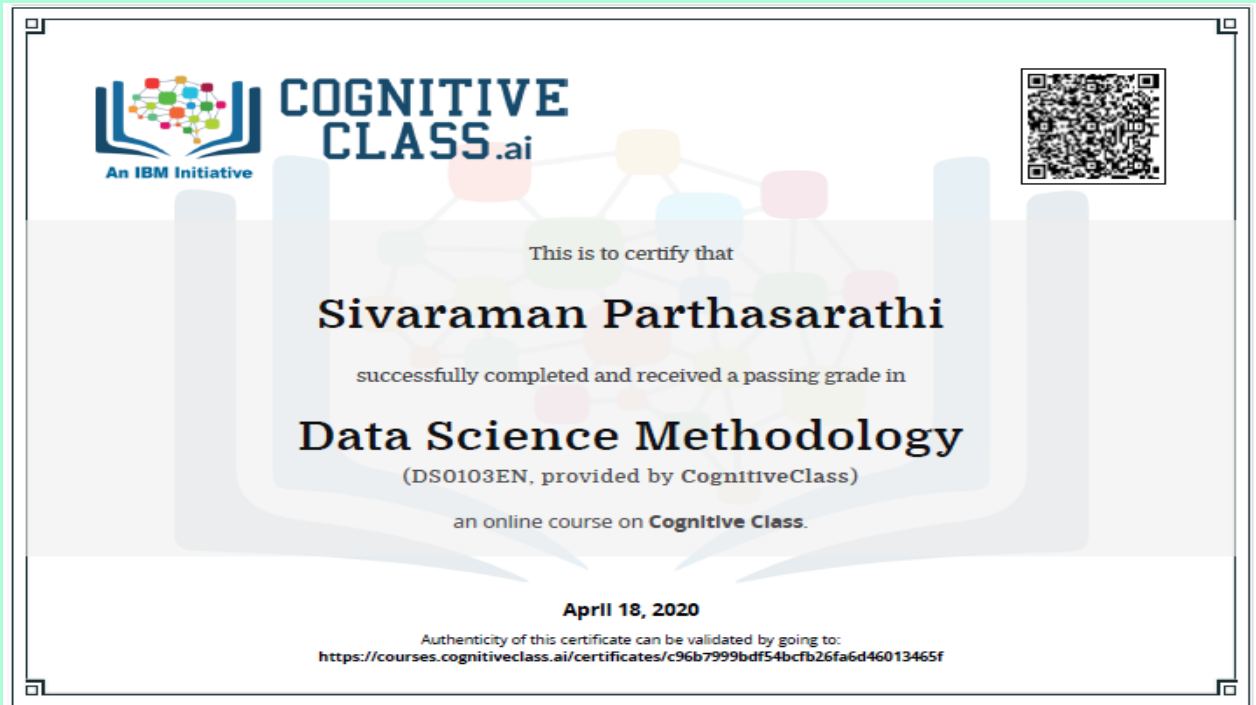
Students and Members of Faculty from the Dept. of CSE attended a Webinar on ‘**Demystify Computer Vision with Tensor Flow**’ conducted by Mr Maithrayan Kesavan, TFUG Co-Organizer, Google AI Explore ML Facilitator between 5 PM and 6 PM on 21 April 2020. The event was organized by Learn with Community, GDG Cloud Coimbatore Team and an initiative of Mr. R. Manoj Aiyer, III CSE B, SKCT.

# FACULTY PARTICIPATION & ACHIEVEMENTS





Mr P Sivaraman, Asst. Professor, Dept. of Mechanical Engineering, successfully completed an online course on “**Data Science Methodology**” through Cognitive Class an IBM Initiative on 18 April 2020.



Dr T Pridhar, Professor, Dept.of Mechanical Engineering, successfully completed an online course on “**Design Thinking**” through HP Life e-Learning on 18 April 2020.





Mr P Sivaraman, Asst. Professor, Dept. of Mechanical Engineering, successfully completed and received a Passing Grade in “**Mathematical Optimization for Business Problems**” provided by Big Data University, an Online Course on Cognitive Class by IBM.



**COGNITIVE  
CLASS.ai**



This is to certify that

**Sivaraman Parthasarathi**

successfully completed and received a passing grade in

**Mathematical Optimization for Business  
Problems**

(CP0101EN, provided by Big Data University)

an online course on **Cognitive Class**.

**April 22, 2020**

Authenticity of this certificate can be validated by going to:  
<https://courses.cognitiveclass.ai/certificates/47d34d909fa846dc87fc3b0e652d0858>

Dr M Lenin Sundar, Professor, Dr V Sreevidya, Asso. Professor, Ms A Vennila, Mr R Ramesh, Mr T P A Aravind, Ms S Muthukeerthana, Mr G Manikandan, Mr J Robinson, Ms S Dharsana and Ms G Selina Ruby, Asst. Professors in the Dept. of Civil Engineering completed their Seventh Module in the Elsevier - **Researcher Academy** portal to improve their Research and Publication Skills on 21 April 2020.



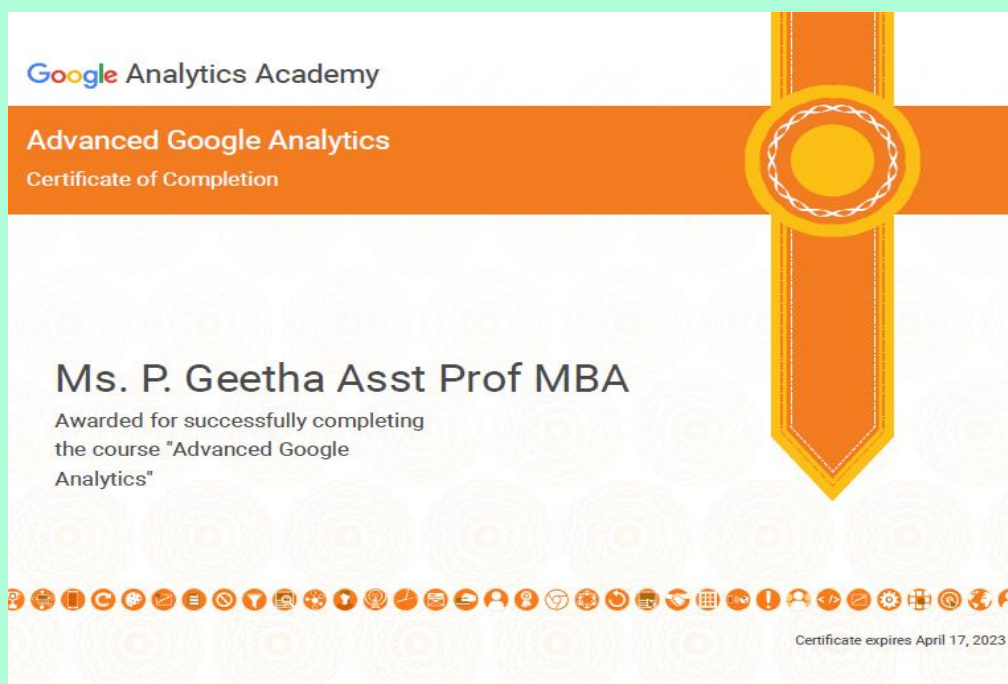
# Researcher Academy



Dr M Padmavathi, HoD, SoM completed a certification on **“Google Analytics for Beginners”** conducted by Google Analytics Academy.



Ms P Geetha, Asst. Professor, SoM completed a certification on **“Advanced Google Analytics”** conducted by Google Analytics Academy.





Ms A Mohanpriya, Asst. Professor, SoM completed a certification on **“Google Analytics for Beginners”** conducted by Google Analytics Academy.



Dr S Rajkumar, Asst. Professor, SoM completed an Online Certificate Course on **“Reading Financial Statements”** offered by Corporate Finance Institute.





Mr N Karthikeyan, Asst. Professor, SoM completed an Online Course on “Basics of Wealth Management” offered by TCS ion Digital Hub.

**TCS iON** | Digital Learning Hub  
Learn. Share. Collaborate

**TATA CONSULTANCY SERVICES**

This is to certify that  
**Mr. N. KARTHIKEYAN Asst Prof MBA**  
has successfully completed  
**Basics of Wealth Management**  
online course offered by TCS iON

Start Date: 21 Apr 2020 | End Date: 21 Apr 2020

Topics:

- Introduction to Wealth Management, Private Banking and Asset Management
- Wealth Management Process, Services and Activity
- Functions performed by Front, Middle and Back Offices in Wealth Management

**CERTIFIED**  
Cert. ID.: 71230-6658962-1016  
Dated: 21 Apr 2020

Head - Learning,  
iON Digital Learning Hub

Mr N Karthikeyan, Asst. Professor, SoM completed an Online Certificate Course on “Reading Financial Statements” offered by Corporate Finance Institute®.

**Corporate Finance Institute®**

*The Board of Directors of the  
Corporate Finance Institute® have conferred on*

**Karthikeyan N**

*who has pursued studies and completed all the  
requirements for the certificate of*

**Reading Financial Statements**

*with all the rights and privileges  
pertaining to this certificate.*

Certificate number  
16732254

Chair of the Board

Director

Director

Apr 21, 2020





Dr K Srinivasan, Assoc. Professor, Dept. of ECE has been certified by the World Health Organization (WHO) for having attended the 7 Modules on “Introduction to Go. Data - Field Data Collection, Chains of Transmission and Collect Followup” on 21 April 2020.



	Self-tests	Assignments	Visited	
Module 1: Introduce the Go.Data project	—	—	100% 1 of 1 visited	
Module 2: Go.Data Platform overview and persistent elements of the interface	—	—	100% 1 of 1 visited	
Module 3: Outbreaks and templates, including case investigation form and contact follow-up form	—	—	100% 1 of 1 visited	
Module 4: Cases, Contacts and Events	—	—	100% 1 of 1 visited	

Module 5: Contact follow-up including usage of the Go.Data mobile app	—	—	100% 1 of 1 visited	
Module 6: Laboratory Data	—	—	100% 1 of 1 visited	
Module 7: Dashboard, Data visualization and Data exports	—	—	100% 1 of 1 visited	
<b>Total</b>	—	—	<b>100%</b> <b>7 of 7 visited</b>	

**My course certificates**

As soon as the course has finished (and the teaching staff have published the final results), you can download your certificates here.

- Gain a **confirmation of participation** by completing at least **80%** of the course material.

[Confirmation of Participation](#)

Dr B Balraj, Asst. Professor, Dept. of EEE has successfully participated in IIT Bombay sponsored Training Programme on **Python 3.4.3** organized by Hindusthan College of Arts and Science, Coimbatore.



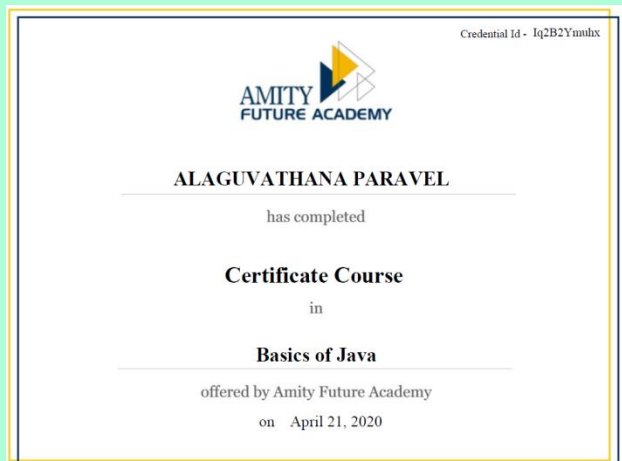
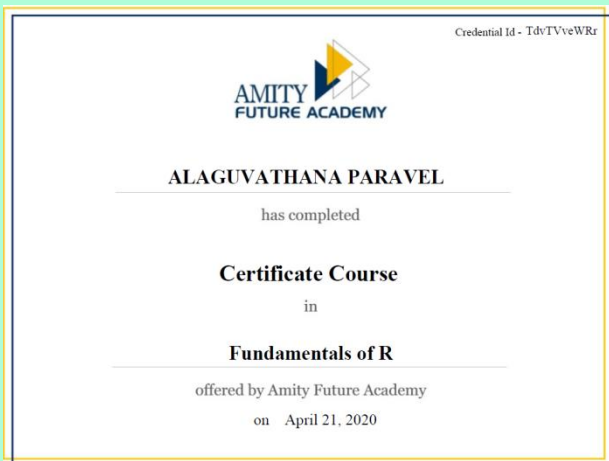
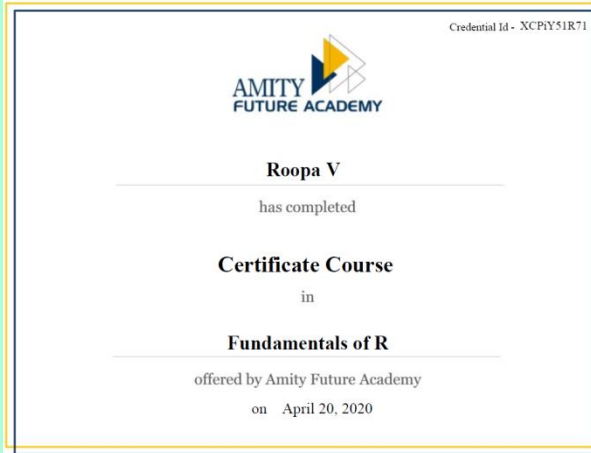
Dr B Balraj, Asst. Professor, Dept. of EEE has successfully completed the module “**Detecting Image Manipulation :Routine, Tools & Limitation**” conducted by Mr Michael Seadie, Thorsten Beck, Ijsbrand Aalbersberg of Research Academy –Elsevier on 22 April 2020.



Ms D Jeyabharathi, Ms V Roopa, Ms S Madumidha and Ms Alaguvathana, Asst. Professors, Dept. of IT attended various **technical Online Courses** offered by Amity Future Academy on 21 April 2020.



Ms K Mythili, Asst. Professor, Dept. of IT has successfully completed all the modules of **Writing Skills** conducted by Research Academy on 22 April 2020.



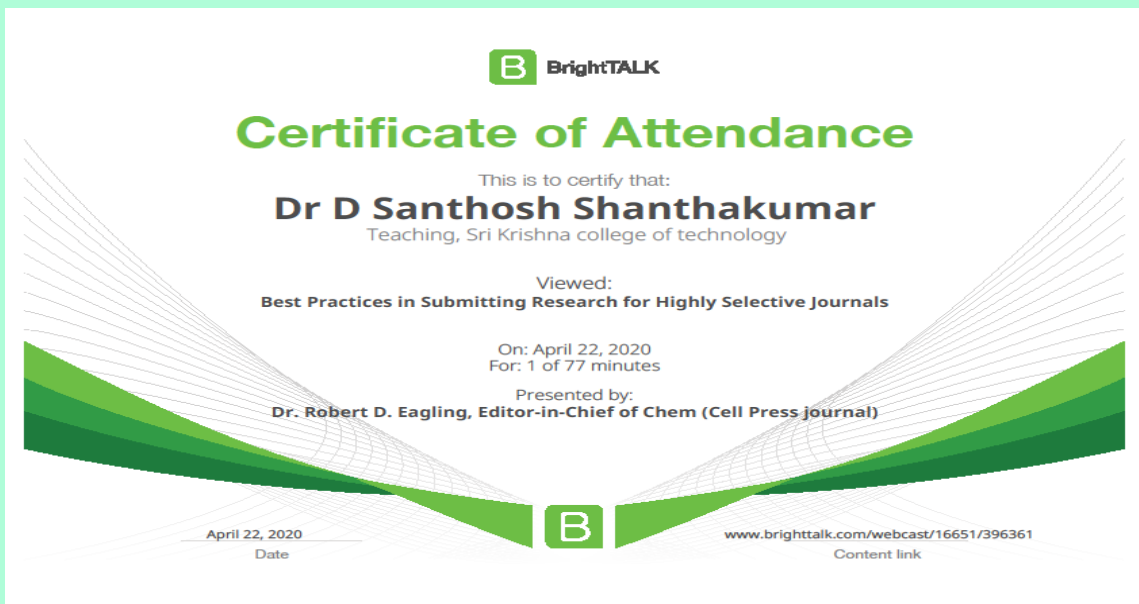


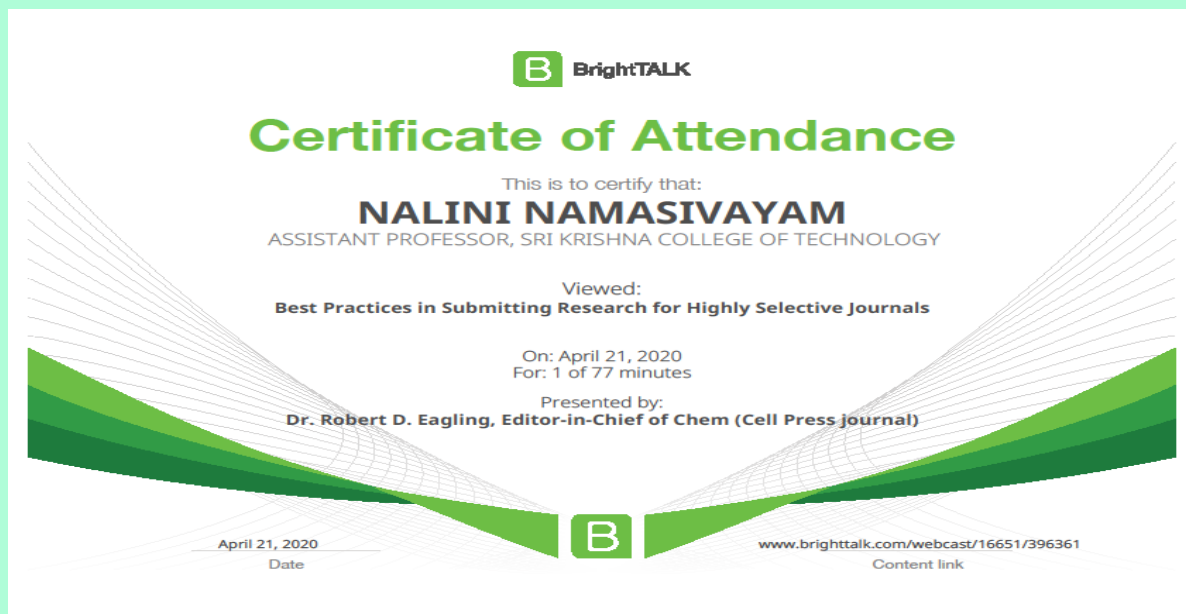


Dr K R Kanomozhi, Asso. Professor, Dept. of Science and Humanities completed a Certification Course on Successful **Research Grant Applications-Getting** It Right conducted by Research Academy, Elsevier on 22 April 2020.



Dr D Santhosh Shanthakumar, and Dr N Nalini, Asst. Professors, Dept. of Science and Humanities viewed the Best Practices in Submitting **Research for Highly Selective Journals** presented by Dr. Robert D. Eagling, Editor-in-Chief of Chem (Cell Press journal) on 22 April 2020.





Dr N Nalini, Asst. Professor Dept. of Science and Humanities viewed **the Integrating Scopus APIs** into Your Everyday Workflow presented by Martin Edling Andersson, Principal Product Manager and Aileen Christensen, Scopus Marketing Manager on 22 April 2020.



# MEETINGS & DISCUSSIONS



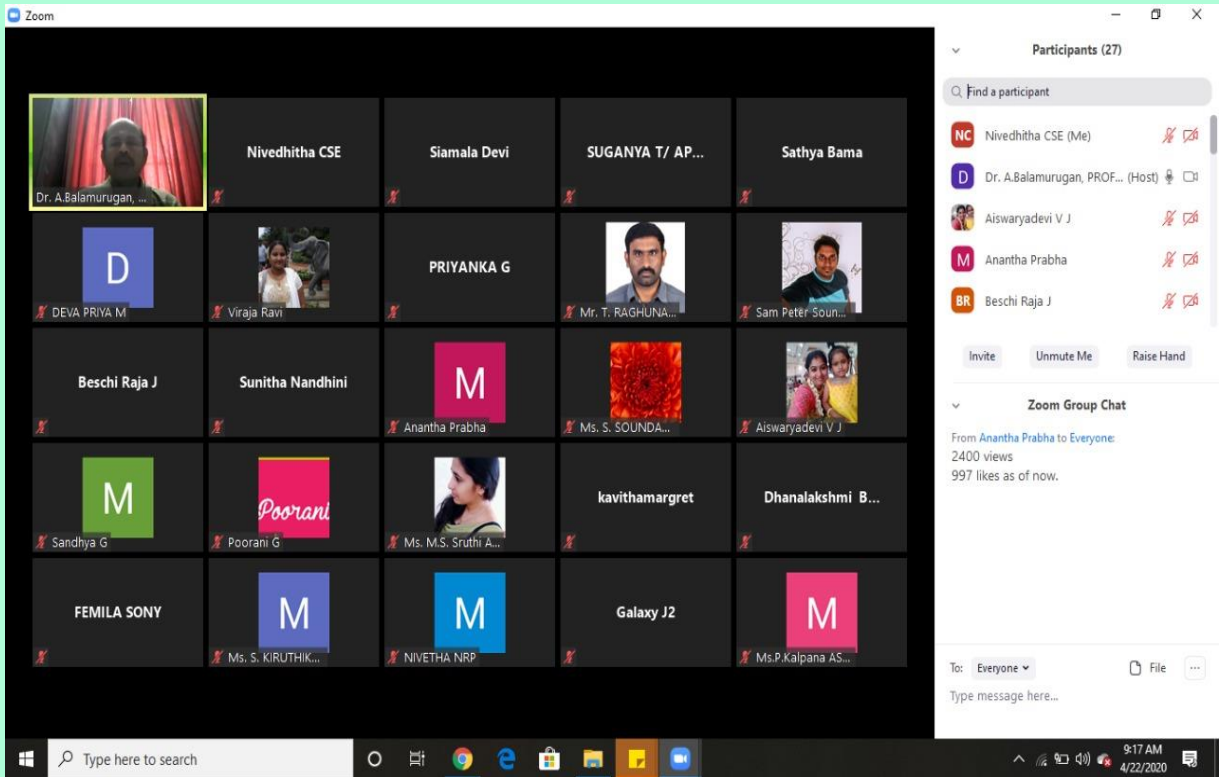
GoToMeeting





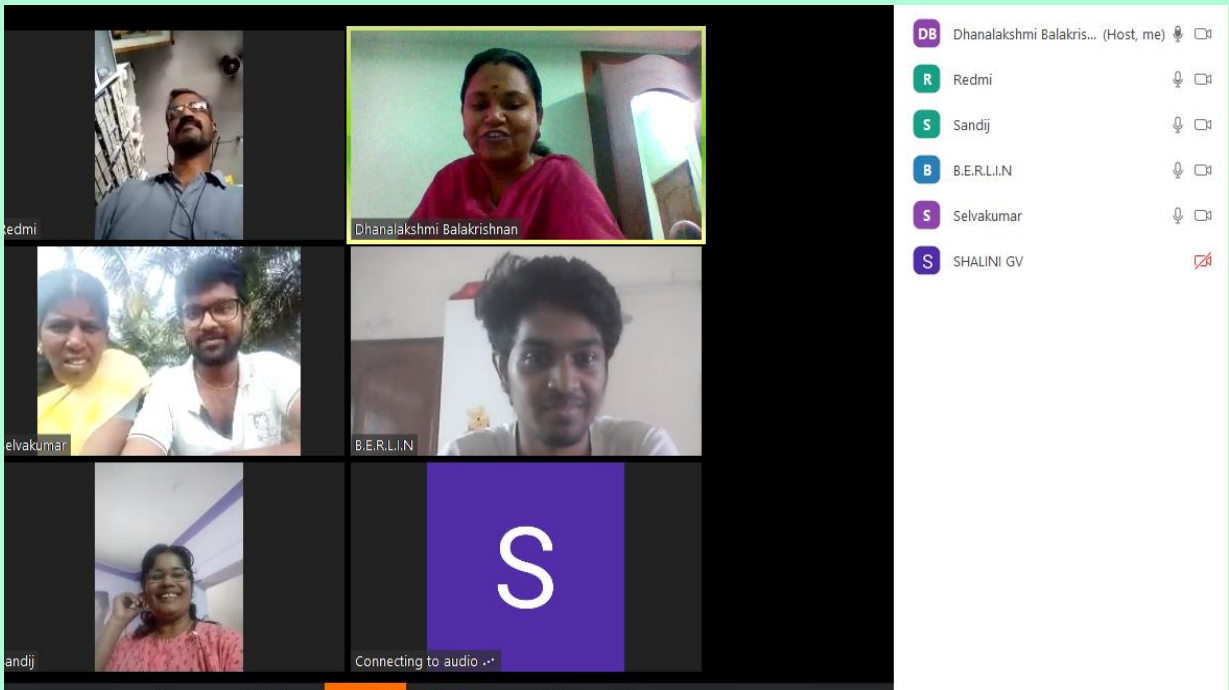
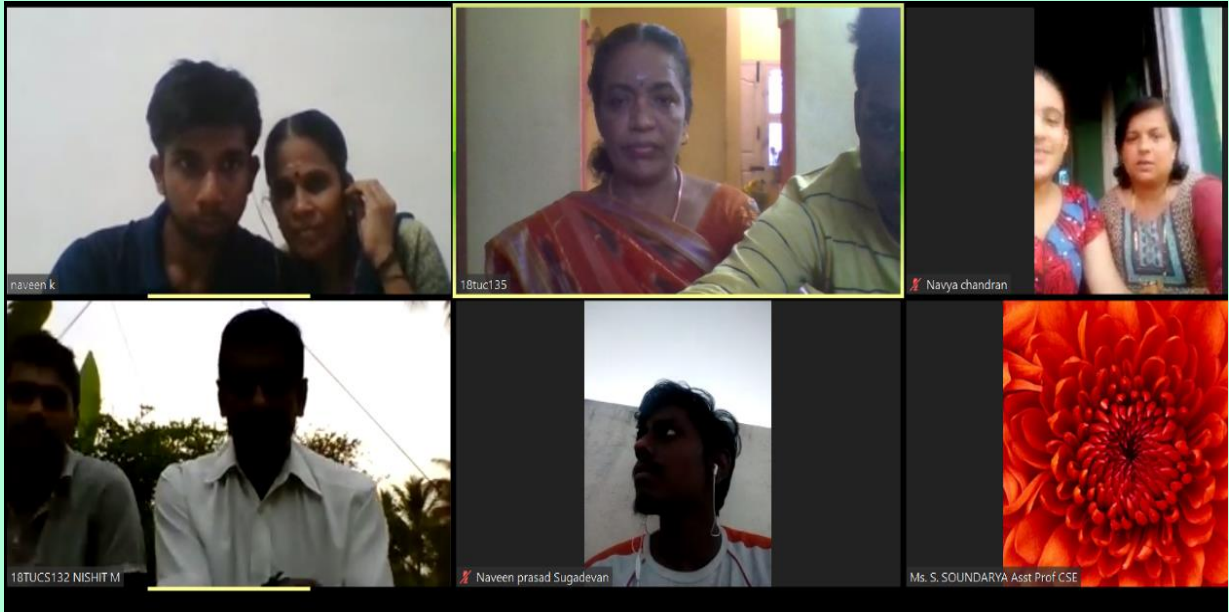


Dr A Balamurugan, Prof. & Head, Dept. of CSE convened the **Department Meeting** through Zoom on 22 April 2020. All the Members of Faculty of the Department attended the meeting.

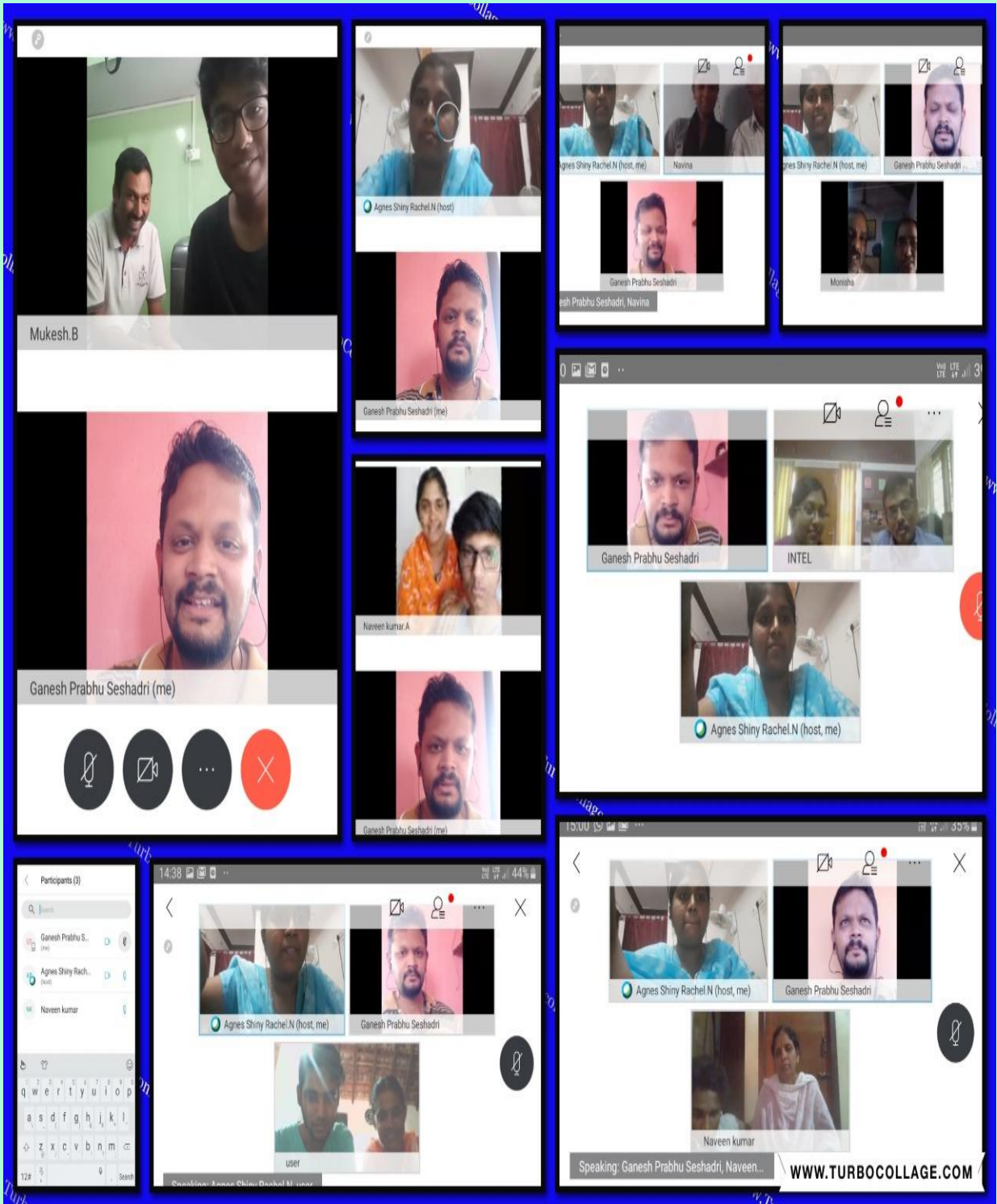




The Dept. of CSE organised the **Academic Review Meeting** on 21.04.2020 for II and III year students and discussed the Academic performance, End Semester exam preparation, self-improvement & self-learning, participation in innovative competitions, importance of online webinars, courses and Internshala internship, and Bootcamp Assessment.

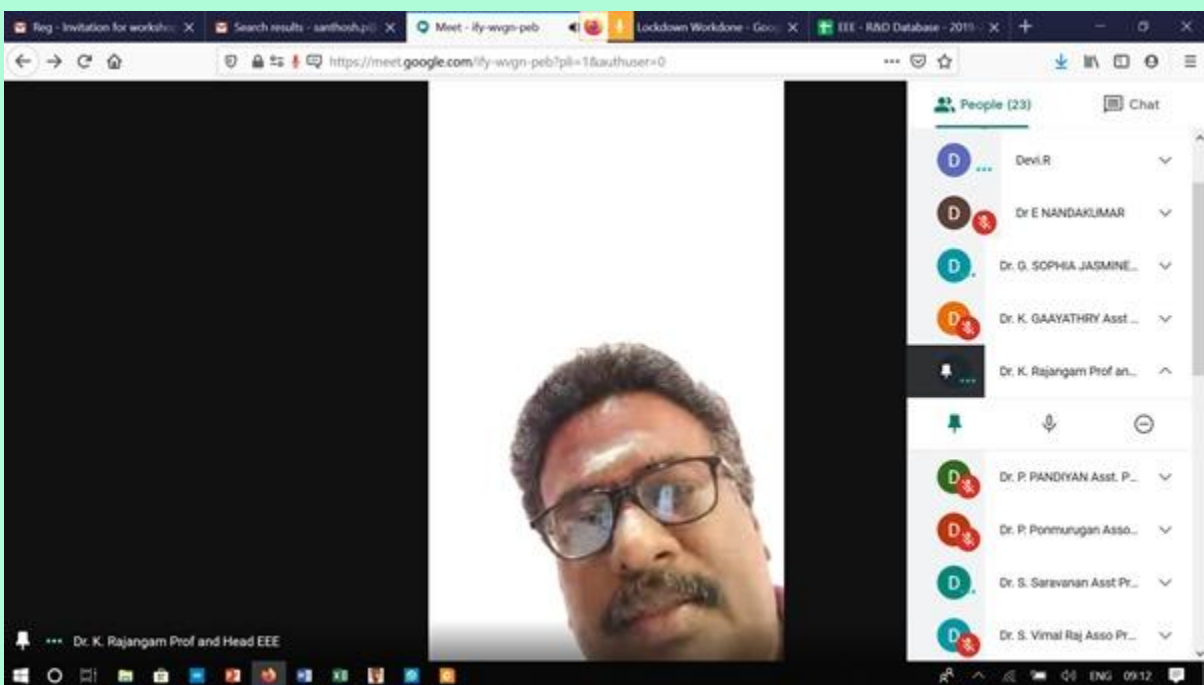
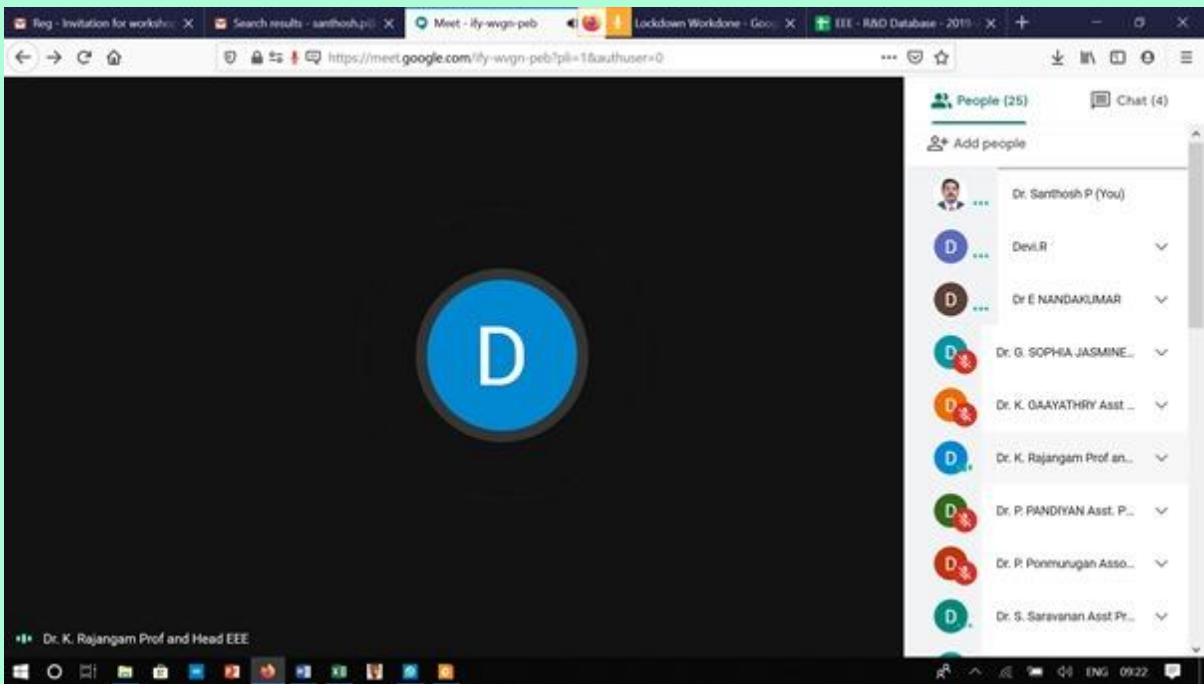


**Academic Review Meeting** for the Students of Third Year BE ECE B Section with their parents was conducted by the Tutors through CISCO WebEX Online Platform on 21 April 2020 and discussed the importance of taking the placement tests and the efforts to be taken to clear the backlogs during the lockdown.

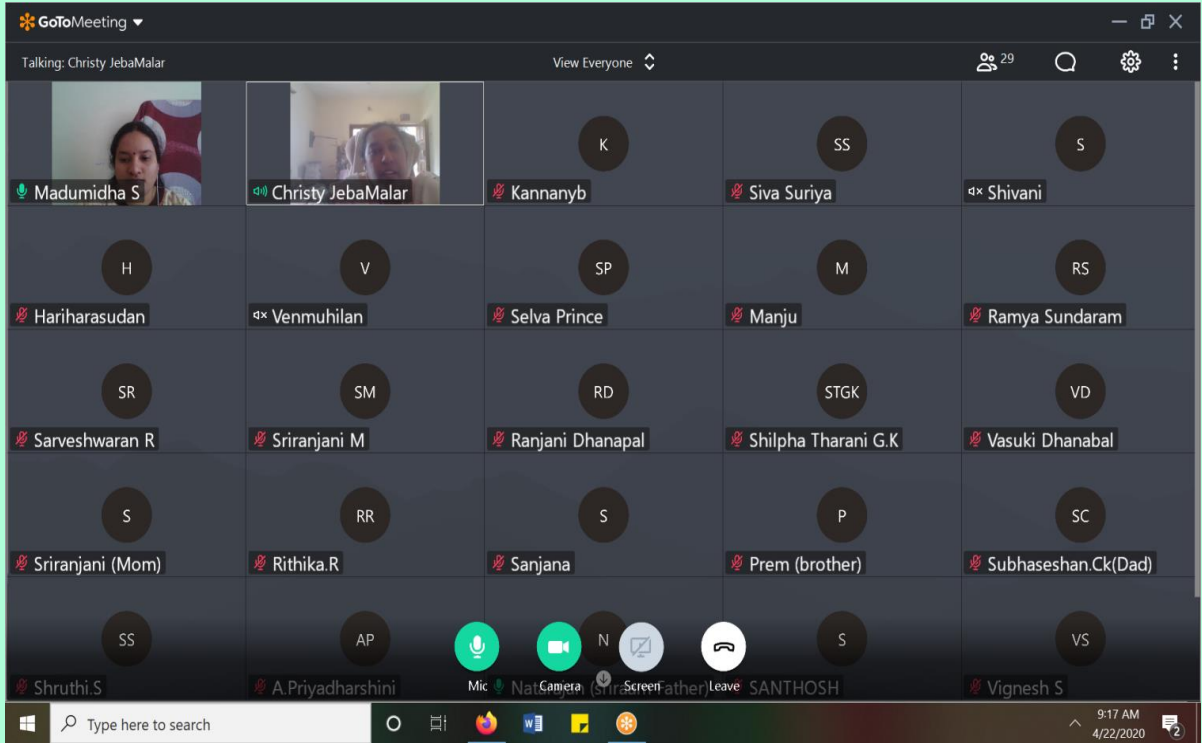




Dr K Rajangam, Prof. & Head, Dept. of EEE conducted Online **Faculty Meeting** with all the on 22 April 2020 regarding Patent, Publication, Conduct of Webinars, Research Activities, End Semester Examination, Funding Proposals, etc.



Dr G M Tamilselvan, Prof. & HoD along with the Tutors, Dept. of IT conducted the **Academic Review Meeting** for Students of Third Year B. Tech. IT B and discussed Academic Performance, Placements Activities, Special Online Classes to the parents and students on 22 April 2020.

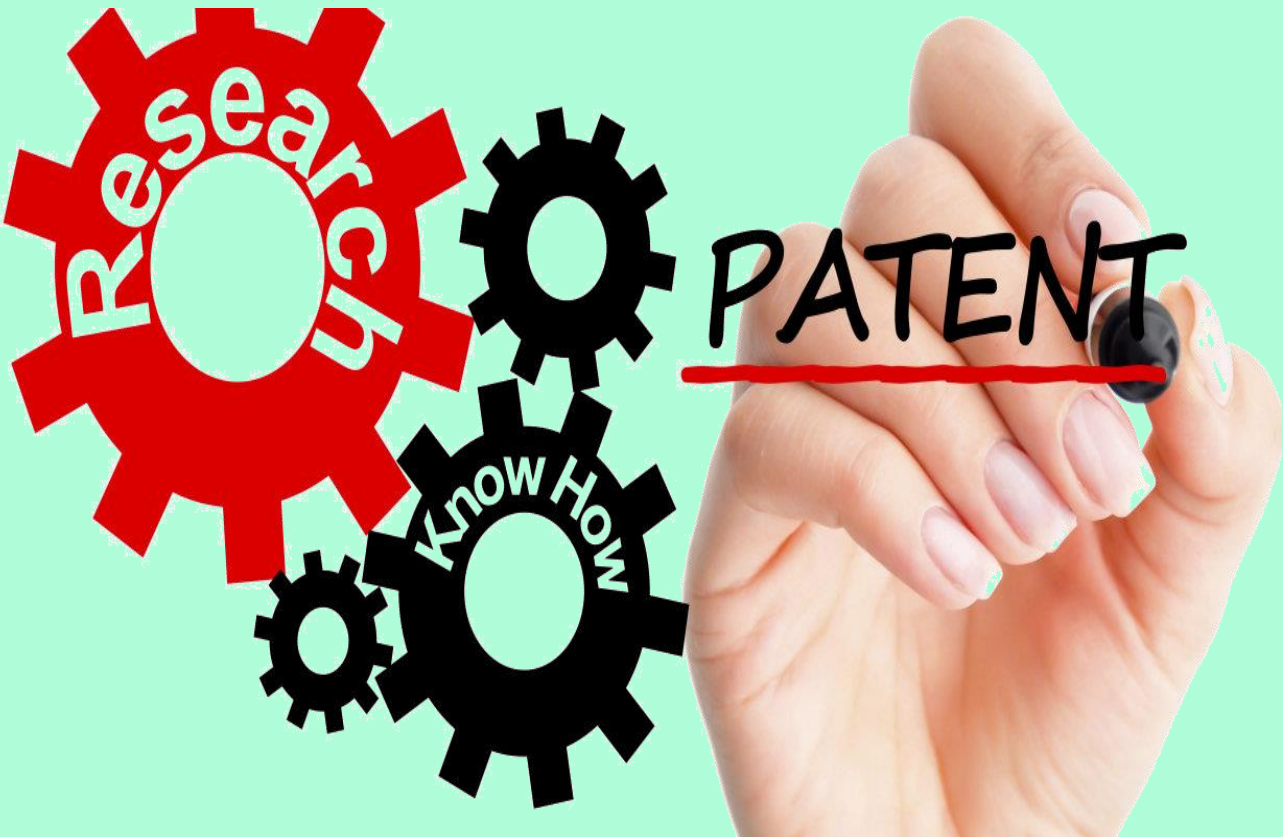


Dr G M Tamilselvan, Prof. & HoD, Department of IT, convened the **Department Meeting** with members of faculty in IT and discussed Placement Progress, Research Progress, Student Contest Participation, etc. on 22 April 2020.





# PUBLICATIONS



Ms H Shubhajyothi, and Ms T Bhavani, Asst. Professors, Dept. of Science and Humanities have published a Book Chapter titled “**Contemporary Issues and Challenges for Teaching of Engineering Mathematics**” in Contemporary Research in Engineering and Technology (ISBN:978-81-945125-0-9) during March - April 2020.



**CONTEMPORARY RESEARCH IN ENGINEERING AND TECHNOLOGY** 

Published by Manglam Publications, Delhi

**Merit Certificate for Publication**


Certificate No: CRET / 054 05.04.20

This is to certify that H.Shubhajyothi, Assistant Professor, Department of Mathematics, Sri Krishna College of Technology, Coimbatore, Tamilnadu, India published a book chapter entitled “Contemporary Issues and Challenges for Teaching of Engineering Mathematics” in Contemporary Research in Engineering and Technology (ISBN:978-81-945125-0-9) during March - April 2020.

Signed by:

  
The Chief Editor,  
CRET 2020

  
General Manager  
Manglam Publications, Delhi

**CONTEMPORARY RESEARCH IN ENGINEERING AND TECHNOLOGY** 

Published by Manglam Publications, Delhi


**Merit Certificate for Publication**

Certificate No: CRET / 055 05.04.20

This is to certify that T.Bhavani, Assistant Professor, Department of Mathematics, Sri Krishna College of Technology, Coimbatore, Tamilnadu, India published a book chapter entitled “Contemporary Issues and Challenges for Teaching of Engineering Mathematics” in Contemporary Research in Engineering and Technology (ISBN:978-81-945125-0-9) during March - April 2020.

Signed by:

  
The Chief Editor,  
CRET 2020

  
General Manager  
Manglam Publications, Delhi

**WORLD EARTH DAY**



**Earth Day**

**April 22**



The United Nations General Assembly proclaimed 22 April as **International Mother Earth Day**. Mother Earth is clearly urging a call to action. Nature is suffering. Now we face COVID -19, a worldwide health pandemic link to the health of our ecosystem. Climate change, man-made changes to nature as well as crimes that disrupt biodiversity. Let's remind more than ever in this International Mother Earth Day that we need a shift to a more sustainable economy that works for both people and the planet. Let's promote harmony with nature and the Earth.





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“Earth provides enough to satisfy every man’s need, but not every man’s greed.” - **Mahatma Gandhi**

“Now I see the secret of making the best person: it is to grow in the open air and to eat and sleep with the earth.” - **Walt Whitman**

“Earth laughs in flowers. Nature always wears the colors of the spirit.” - **Ralph Waldo Emerson**

“And this, our life, exempt from public haunt, finds tongues in trees, books in the running brooks, sermons in stones, and good in everything.” - **William Shakespeare**

