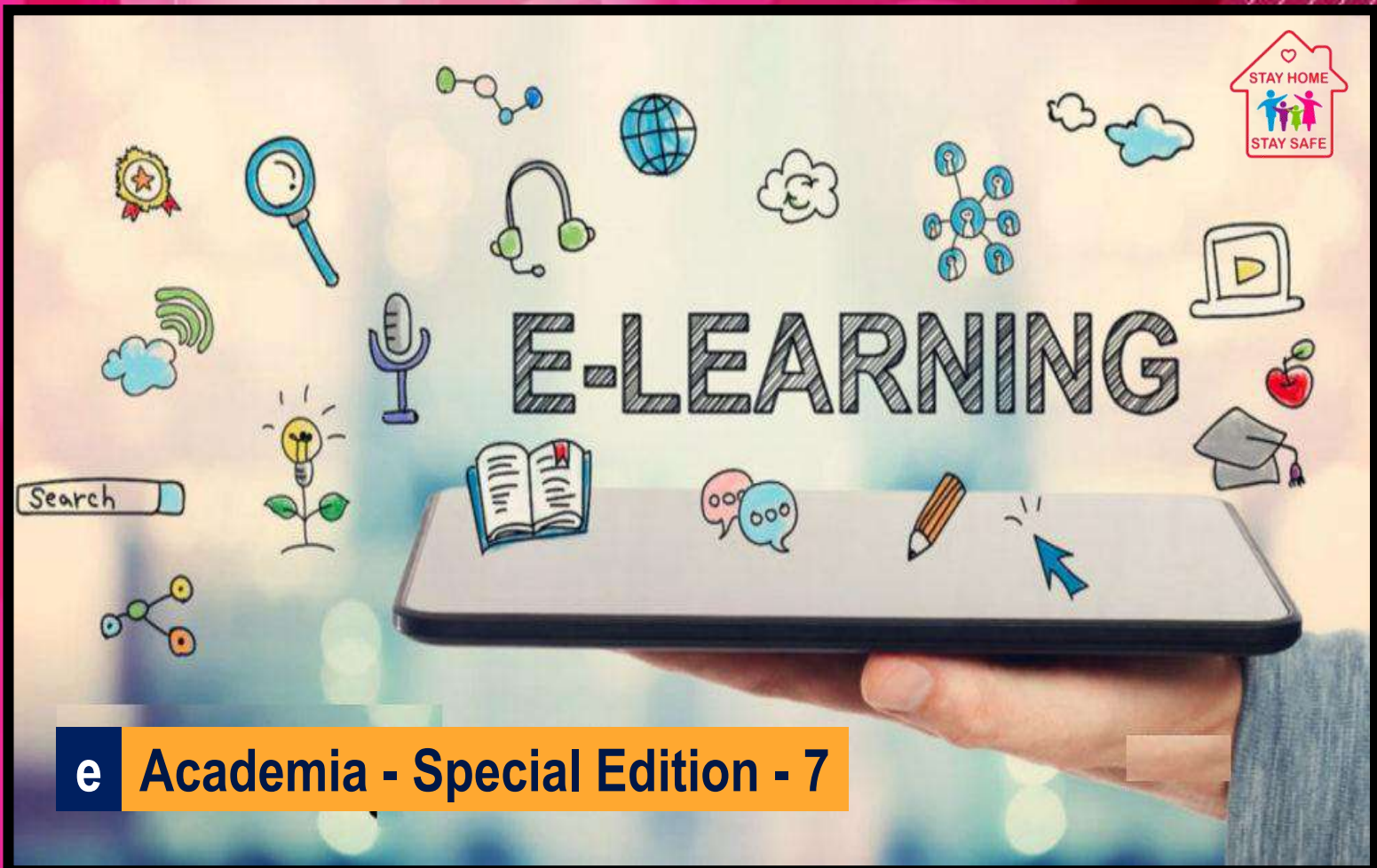


**SKCET**

# Buzz



**CAMPUS NEWSLETTER**  
**04 May – 09 May 2020**



**e Academia - Special Edition - 7**



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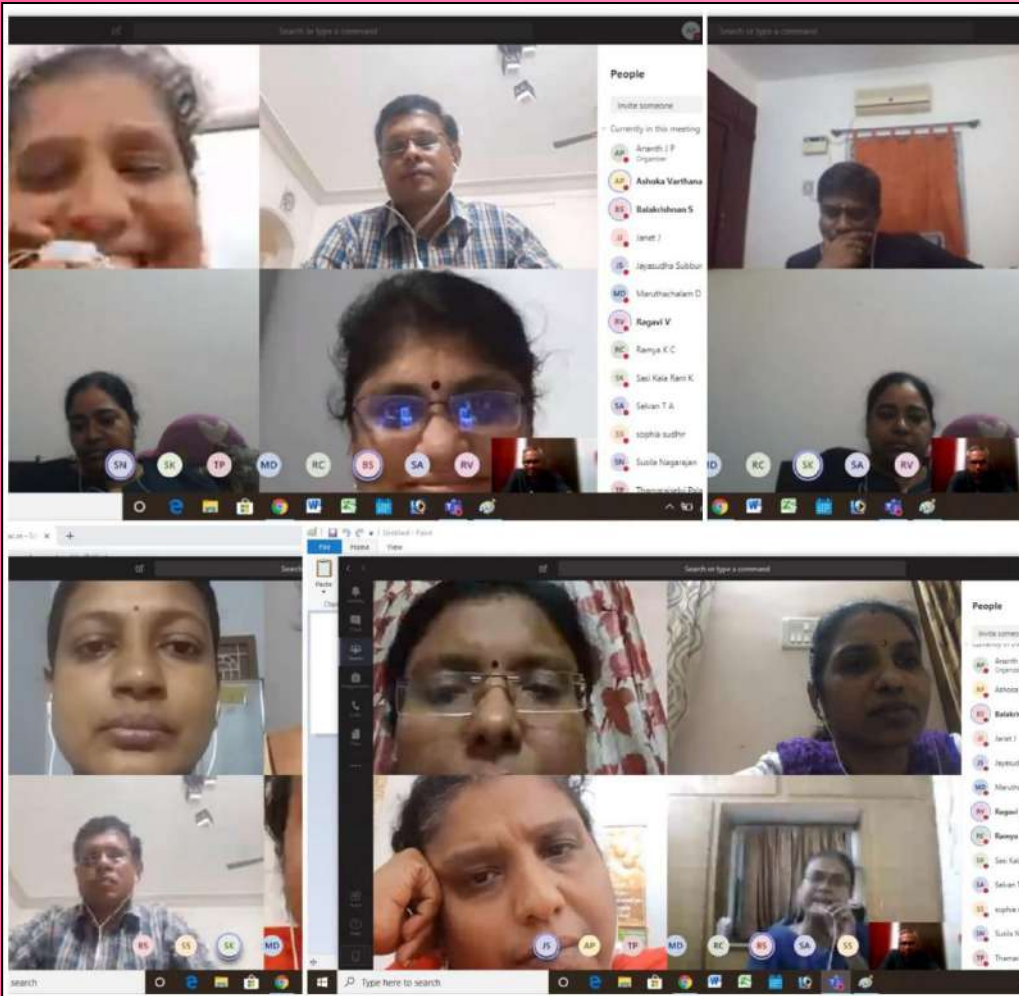
# INSTITUTIONAL PLENUM



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## PRINCIPAL MEETING WITH HODs



Meeting was conducted with all Academic administrators of SKCET on 04.05.2020 at 6.30pm through Microsoft TEAMS by **Principal Madam** to discuss and plan the forth coming academic year 2020-2021.

Following points were discussed:

- Preparedness of faculty for the efficient conduct of online lectures and lab materials for the odd semester
- Guidelines for the preparation, timeline and scrutiny of online content compiled by faculty
- Proactive and responsiveness of faculty
- Google classroom creation for this odd semester.





# HACKATHON/MYGOV ACCOLADES



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## CSE | JINIHACK WINNERS

**BookingJini** 46 mins · 🌐

**#Hackathonupdate**  
 Congratulations Firefly Developers, the winner of the First Online Hotel-Tech Hackathon. Within the 48 hours hackathon they addressed the problem of Human Interaction post COVID using QR codes and Near Field Communication (NFC) Technology for seamlessly Checking In to the Hotel and Machine Learning algo for suggesting Menu during the stay. In case you missed it, you can check out the contest here: <https://bit.ly/jinihack>

**#Automation.**  
**#JINIHACK #Hackathon #Bookingjini #innovation**



### SKCET Team CSE Sweepstakes First Prize With 1 Lakh Cash Reward In Jinihack, 48 Hrs Tech Online Hackathon hosted by JiniHacks.

The Department of **CSE** is delighted to share that **Kumaraguru** and **Samuel Wycliffe**, First year **CSE B** students have won the **First Prize** with a cash award of **Rs.One Lakh** among the 178 participated teams.

**Problem Statement:** Human interaction post COVID using novel implementation of QR Codes and Near Field Communication (NFC) Technology for seamless check-in and ML for Menu.

**Mentor:** Ms.A.Priya AP/ CSE.

## CSE | HackCoViT- LEADERBOARDS

Selection for Round-2		
Team Name	Institute Name	Domain
Drac Delta	Indian Institute of Science (IISc), Bangalore	Agriculture
The Coldlers	VIT Bhopal University, Bhopal	Agriculture
Pied Piper	Vivekanand Education Society's Institute Of Technology (VESIT), Mumbai	Agriculture
Hack Squad	Sri Saram Institute of Technology (SSIT), Chennai	Agriculture
MAITian	Maharaja Agrasen Institute of Technology (MAIT), New Delhi	Health Care innovations
WeBro	VIT Bhopal University, Bhopal	Health Care innovations
God's Eye	PSG College of Technology (PSGCT), Coimbatore	Health Care innovations
TeamMUJ	Manipal University (MU), Jaipur	Health Care innovations
The Architect	VIT Bhopal University, Bhopal	Information Security
VBOuo	VIT Bhopal University, Bhopal	Environment
Parle_G	VIT Bhopal University, Bhopal	Environment
transcendentals	Indian Institute of Science (IISc), Bangalore	Environment
aztecs	VIT Bhopal University, Bhopal	Environment
aficionados	Vellore Institute of Technology (VIT), Vellore	Environment
FRESH ROLE	Sri Krishna College Of Engineering And Technology (SKCET), Coimbatore	Education
AZTECS	Nitte Minkshi Institute of Technology (NMIT), Bangalore	Education
ONLINE EXAMINATION PORTAL (Team Phoenix)	Thapar Institute of Engineering and Technology (TIET), Patiala, Punjab	Education



Student Team comprising of **Srinath.C** and **Thinesh kumar.S**, **Second year CSE B** students have top charted the Top 17 teams amongst the 700 participated teams in the **HackCoViT**, Hack the crisis event. The team has successfully cleared the gratifying progress to the 'Skill play' Finale of HackCoViT under education category organised by **VIT Bhopal** in association with **Microsoft** and **Coding Blocks Partnership** on 03.05.2020. The Team “**Fresh role**” will be showcasing their coding skills in this **HacktheCrisis Challenge Finale** with other shortlisted teams from IISc and VIT. The team was mentored by **Mr.M.Manikandan**, Assistant Professor, CSE.



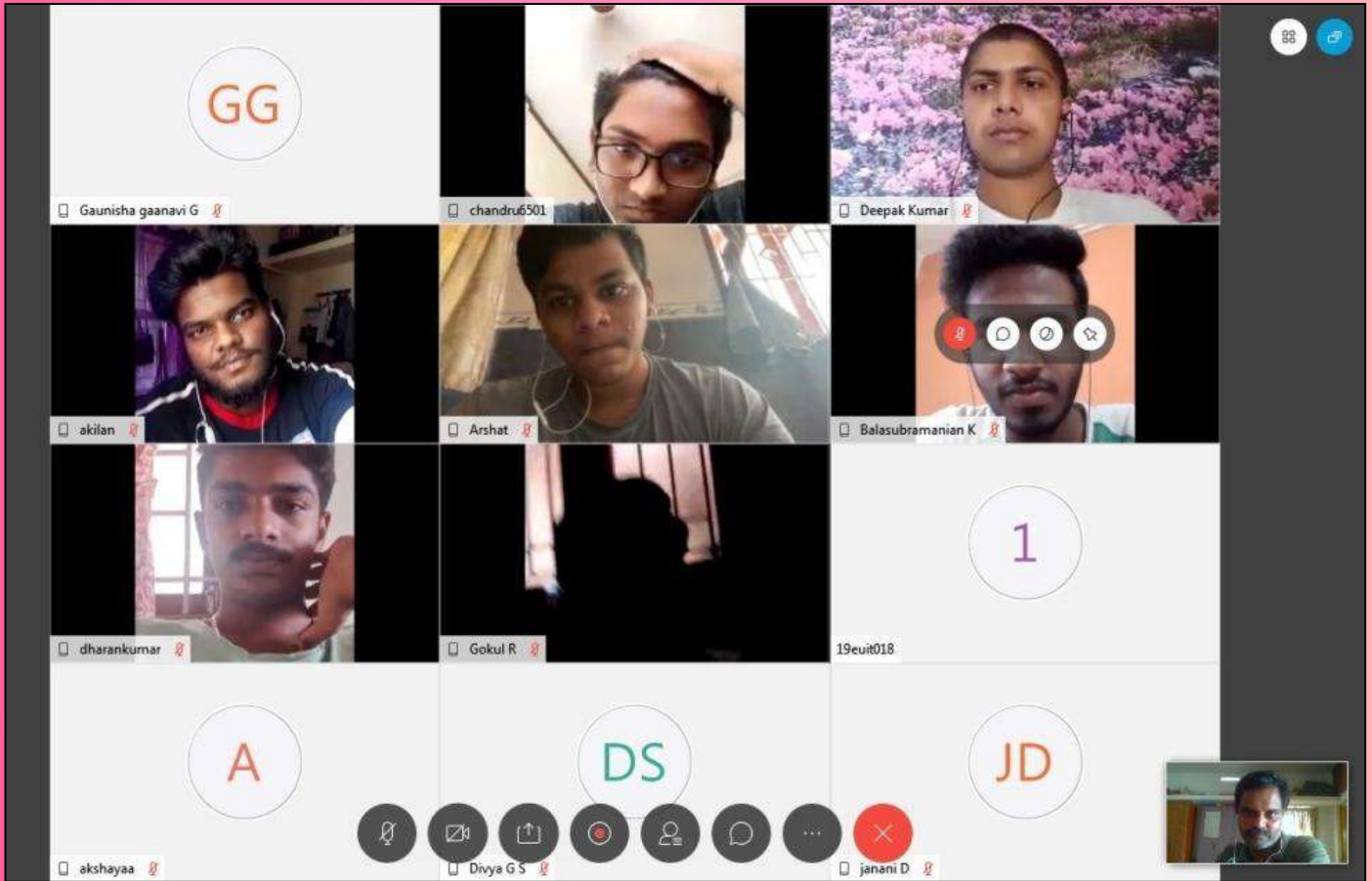


# ONLINE VIRTUAL CLASSROOMS



e Academia - Special Edition - 7

# #1 IT | SPECIAL COACHING CLASS

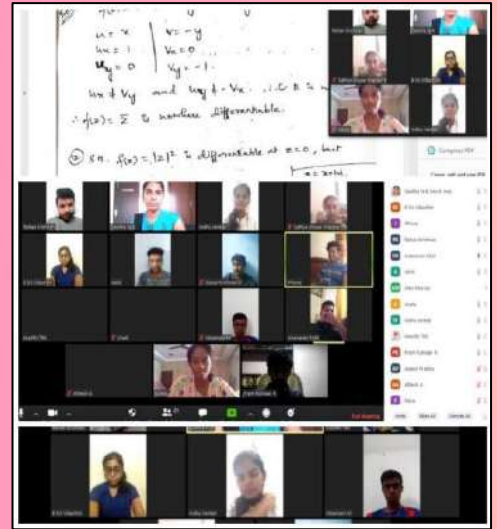
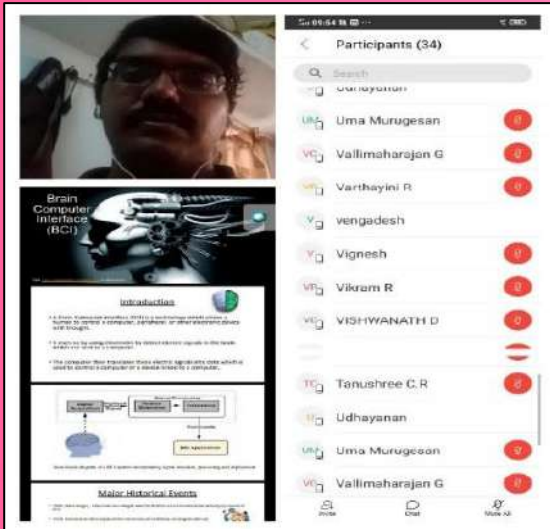


Index	0	1	2	3	4	5
Variable	H	e	l	l	o	\0
Address	0x23451	0x23452	0x23453	0x23454	0x23455	0x23456

Faculty member of IT department - **Dr.V.Anandkumar**, conducted **C Programming** Coaching class for I B.Tech IT 'A' students on the topic 'String Handling in C '.

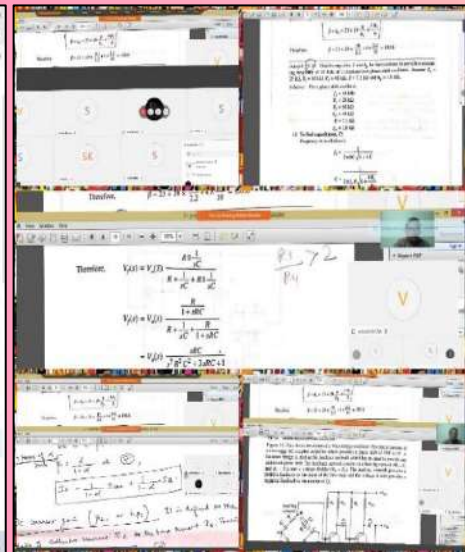
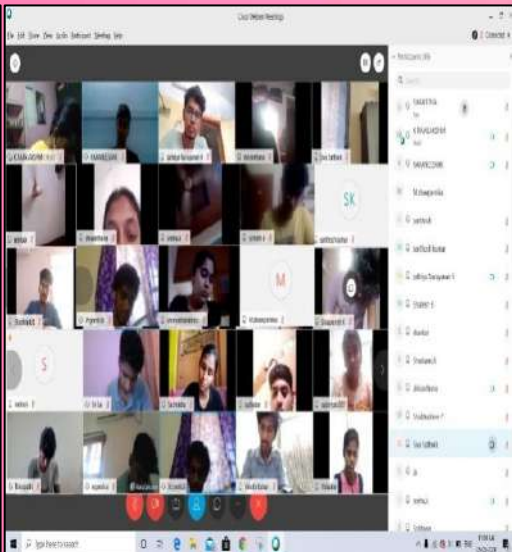
## #2 S&H | SPECIAL COACHING CLASSES

The Department of **Science and Humanities** scheduled a Special Coaching Class for the **First year B.E/B.Tech and M.Tech** students to provide supportive growth in academics.



Engineering Biology

Integral Calculus and Complex Variables



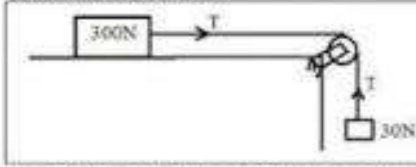
Linear Algebra

Electron Devices and Circuits

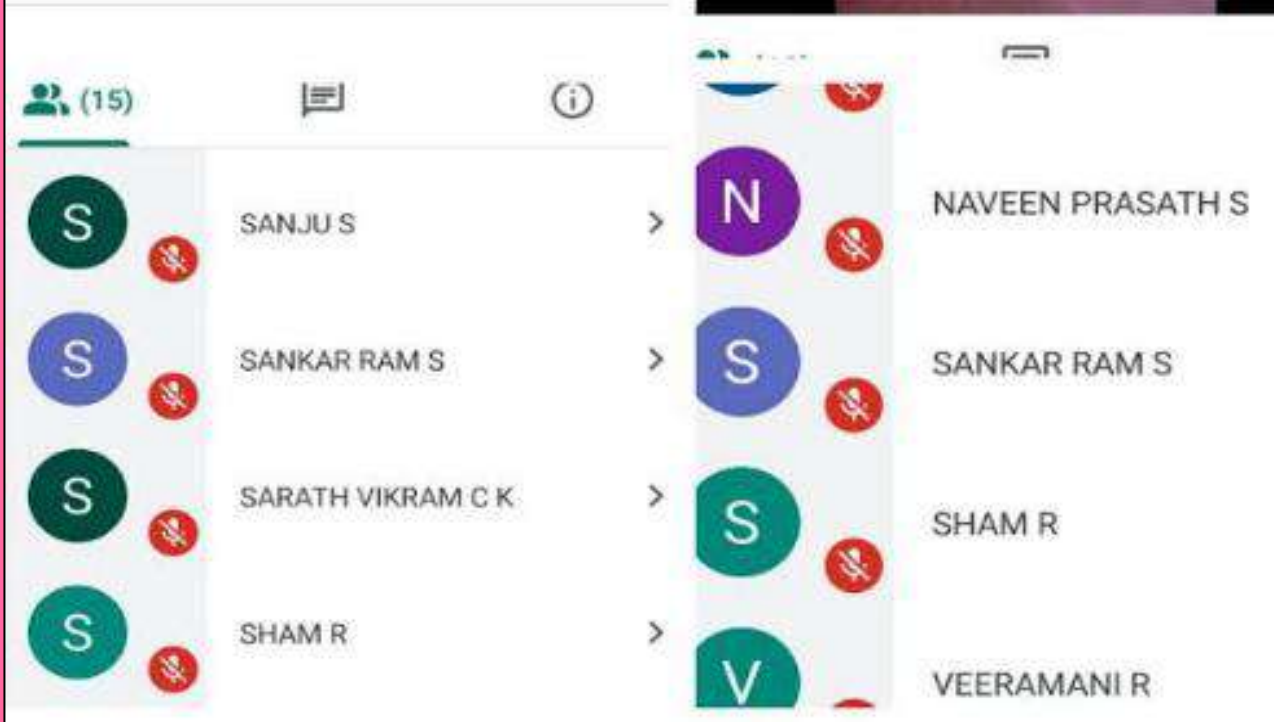


### #3 MCT | SPECIAL COACHING CLASS ON APPLIED MECHANICS

a string to a 30N weight, which hangs vertically. Find the acceleration of system and the tension in the string.



Two blocks A and B of weight 80N and 60N are connected by a string, p through a smooth pulley as shown in fig. calculate the acceleration of th body and the tension in the string.



**Mr.S.Panneerselvam**, Assistant Professor, Department of **Mechatronics Engineering** has conducted online special coaching class series for Applied Mechanics on the topic "**Newton's Law of Motion**" on 05.05.2020.

# #4 CIVIL | E-LECTURE ON ENGINEERING MECHANICS

- Position of a particle may depend on position of one or more other particles.
- Position of block B depends on position of block A. Since rope is of constant length, it follows that sum of lengths of segments must be constant.  
 $x_A - 2x_B = \text{constant}$  (one degree of freedom)
- Positions of three blocks are dependent.  
 $2x_A + 2x_B + x_C = \text{constant}$  (two degrees of freedom)
- For linearly related positions, similar relations hold between velocities and accelerations.  
 $2 \frac{dx_A}{dt} + 2 \frac{dx_B}{dt} + \frac{dx_C}{dt} = 0 \Rightarrow 2v_A + 2v_B + v_C = 0$   
 $2 \frac{dv_A}{dt} + 2 \frac{dv_B}{dt} + \frac{dv_C}{dt} = 0 \Rightarrow 2a_A + 2a_B + a_C = 0$

### Sample Problem 3

SOLUTION:

- Ball: uniformly accelerated rectilinear motion.  
 $v = v_0 + at = 18 \frac{m}{s} - \left(9.81 \frac{m}{s^2}\right)t$   
 $y_B = y_0 + v_0 t + \frac{1}{2}at^2 = 12m + \left(18 \frac{m}{s}\right)t - \left(4.905 \frac{m}{s^2}\right)t^2$
- Elevator: uniform rectilinear motion.  
 $v_E = 2 \frac{m}{s}$   
 $y_E = y_0 + v_E t = 5m + \left(2 \frac{m}{s}\right)t$

---

### Example

A projectile is fired from the edge of a 150-m cliff with an initial velocity of 180 m/s at an angle of 30° with the horizontal. Find (a) the range, and (b) maximum height.

Remember:

- $v = v_0 + at$
- $x = x_0 + v_0 t + \frac{1}{2}at^2$
- $v^2 = v_0^2 + 2a(x - x_0)$

ASHWIN

Saravanan.R

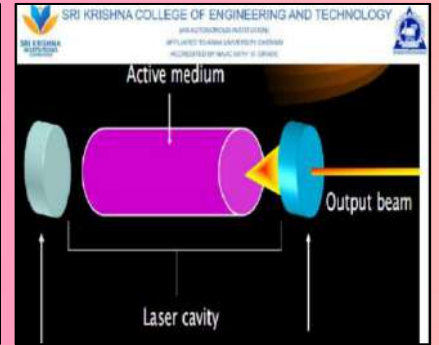
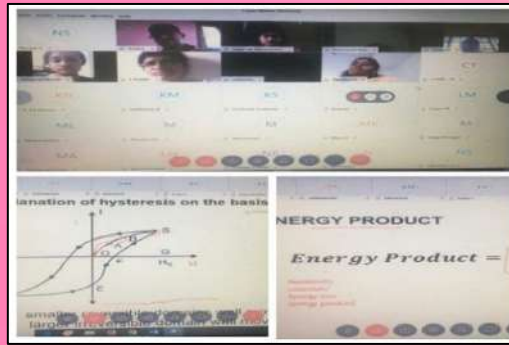
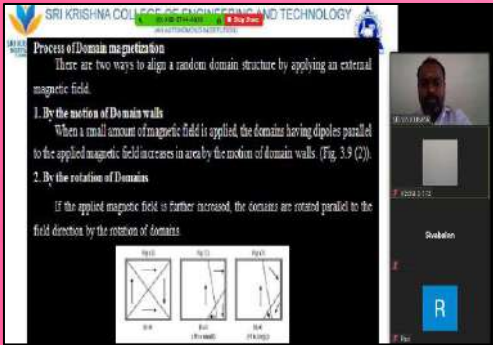
Rajakarthika

Oviyaa Mani

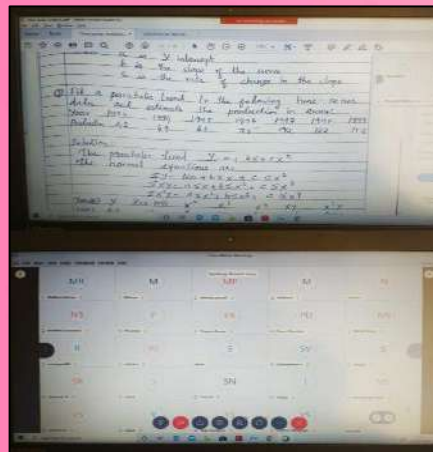
Dr.P.Saravanakumar, Associate Professor, Department of Civil Engineering conducted online special class for the First year Civil Engineering students on the topic **Curvilinear Motion** on 06.05.2020.



# #5 S&H | SPECIAL COACHING CLASSES

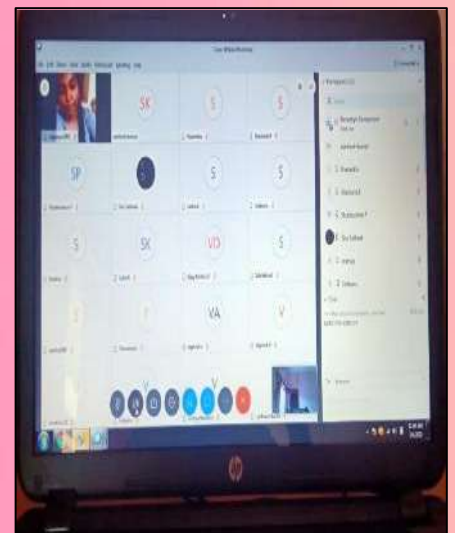
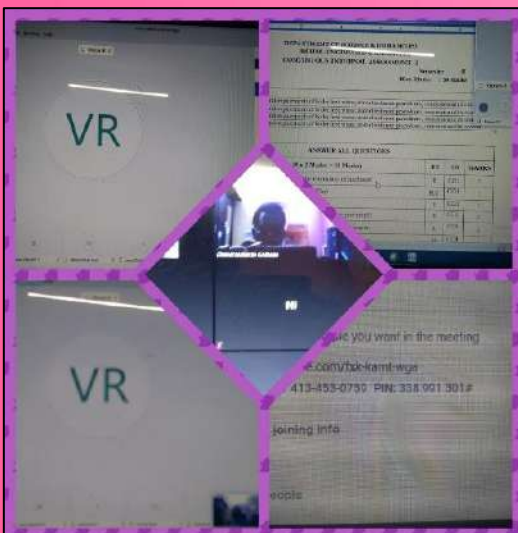


## Engineering Physics



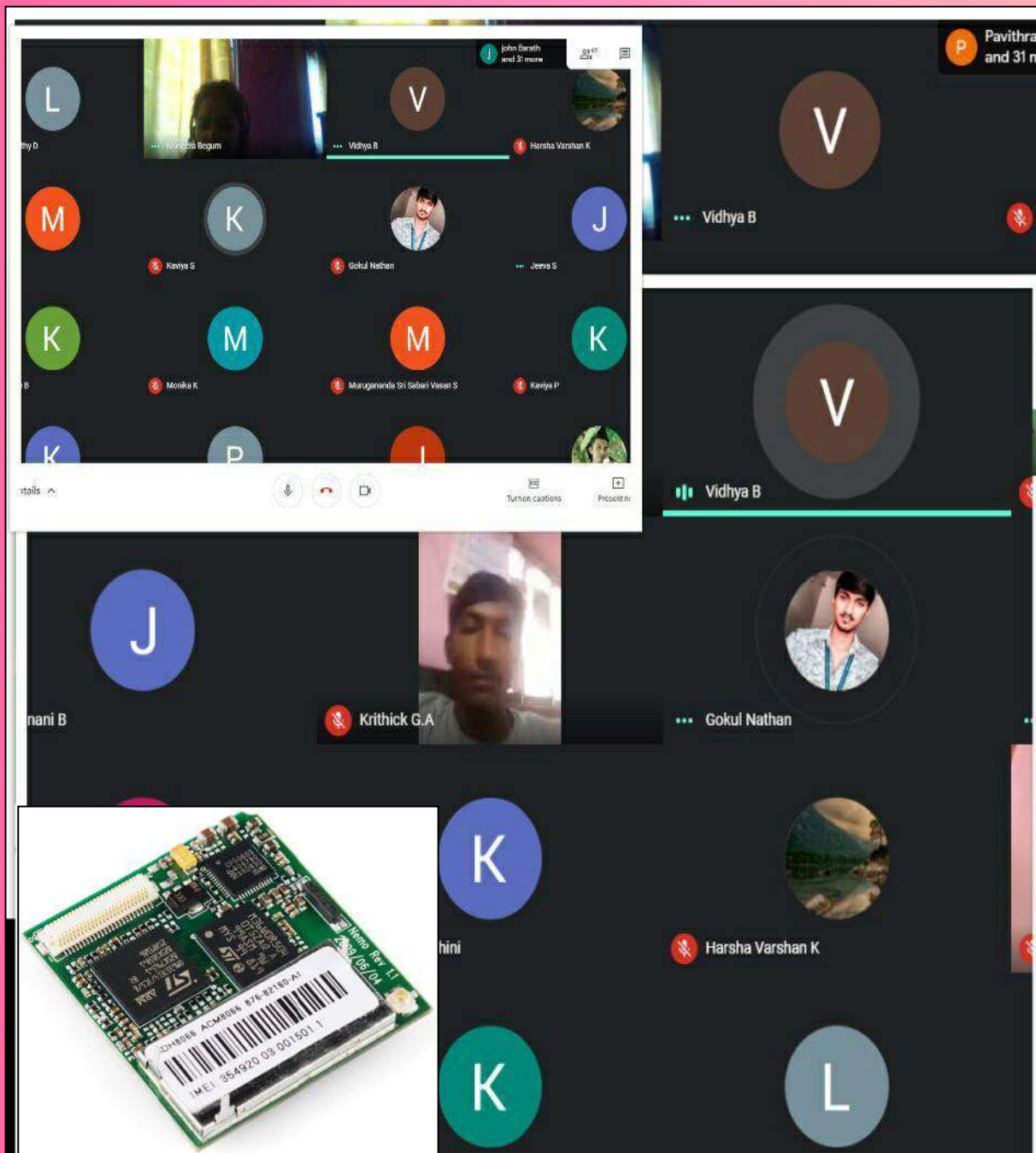
## Data Structures

## Engineering Chemistry



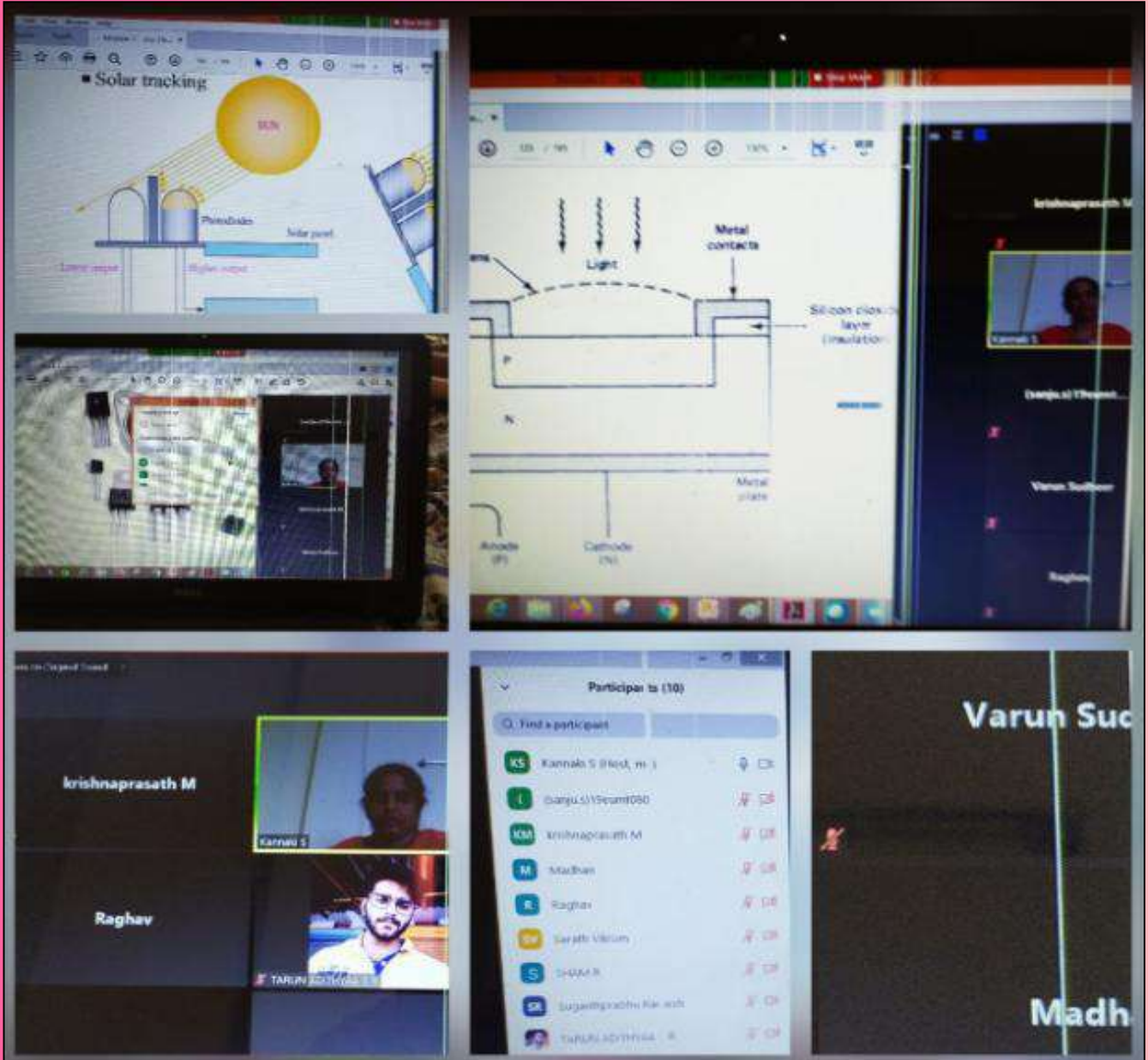


## #6 ECE | SPECIAL COACHING CLASSES



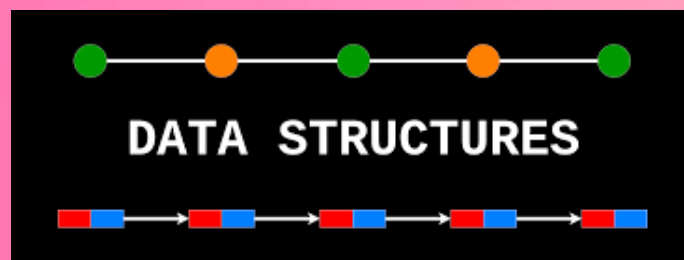
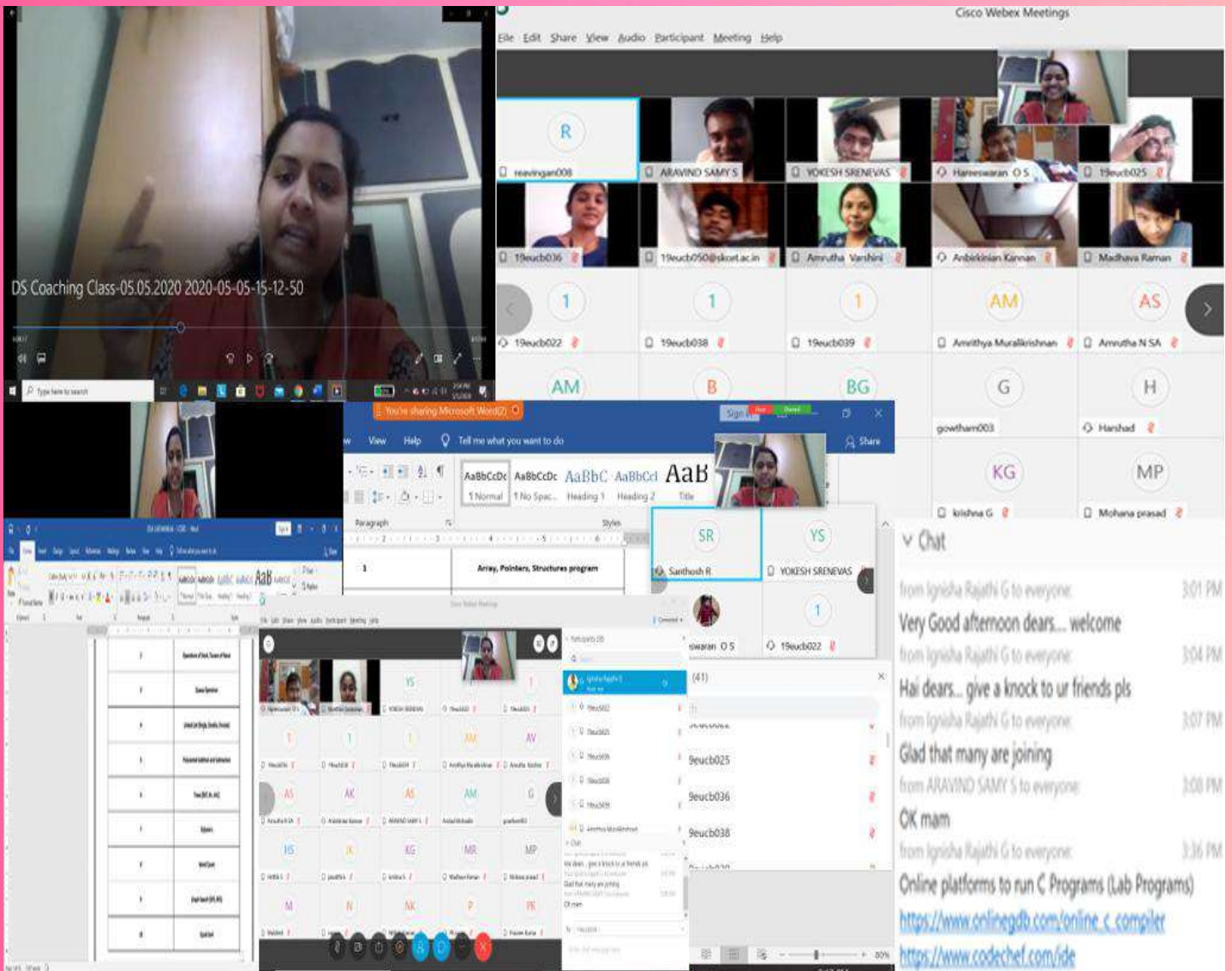
Online coaching class for **Second year ECE B** was conducted for the subject **Analog Integrated Circuits** by **Ms. B.Vidhya**, Assistant Professor, **ECE**.

## #7 MCT | SPECIAL COACHING CLASS ON PHOTO DEVICES



**Ms.S.Kannaki**, Assistant Professor, Department of Mechatronics Engineering has conducted special coaching class for Electrical and Electronic Devices on the topic "**Photo Devices**" on 04.05.2020.

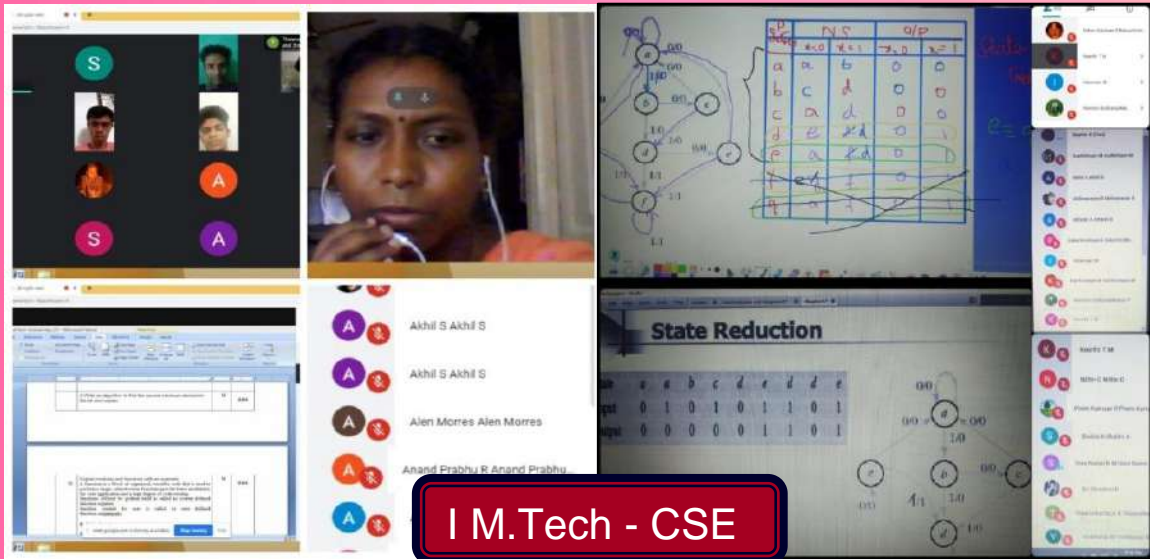
## #8 CSBS| SPECIAL COACHING CLASSES



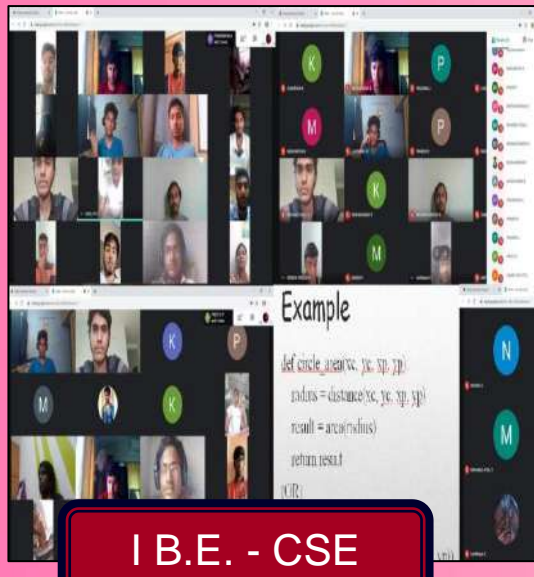
Dr. G. Ignisha Rajathi, Faculty of CSBS conducted Special Coaching Class for the **First year CSBS** students on Data Structures.



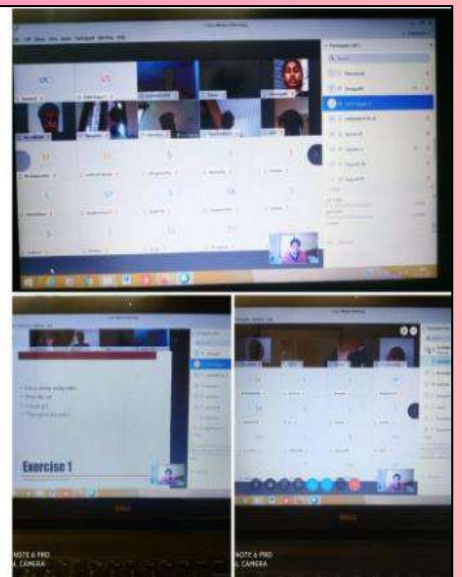
# #9 CSE | SPECIAL COACHING CLASSES



I M.Tech - CSE

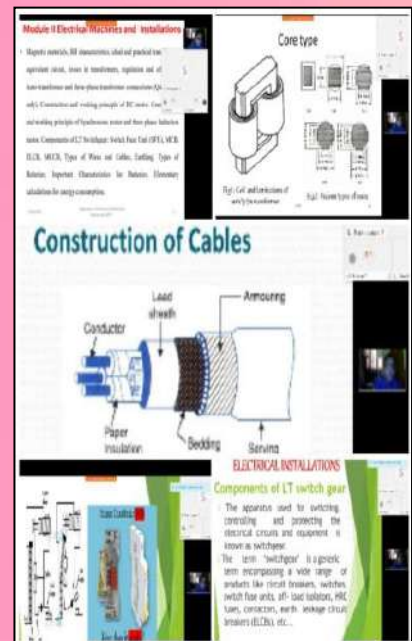
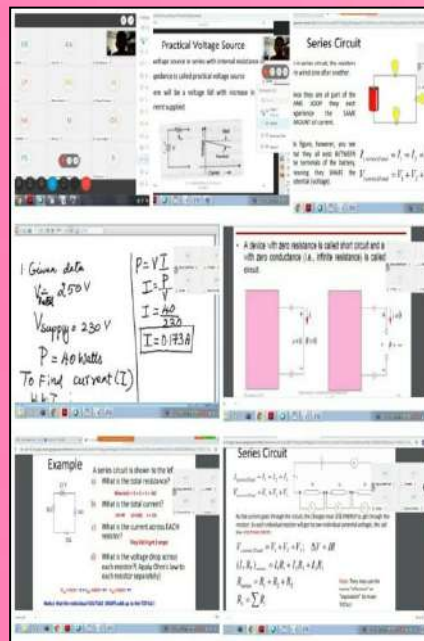
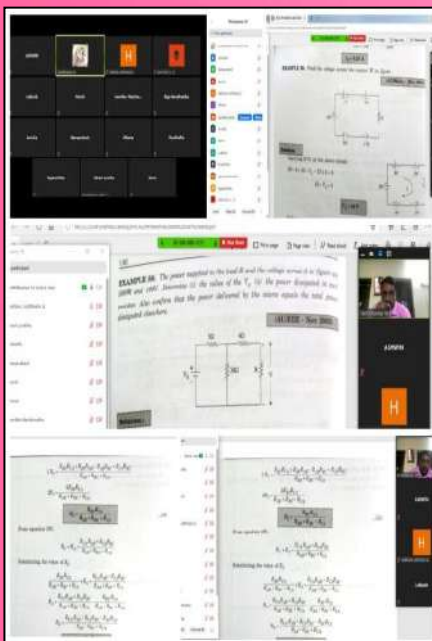
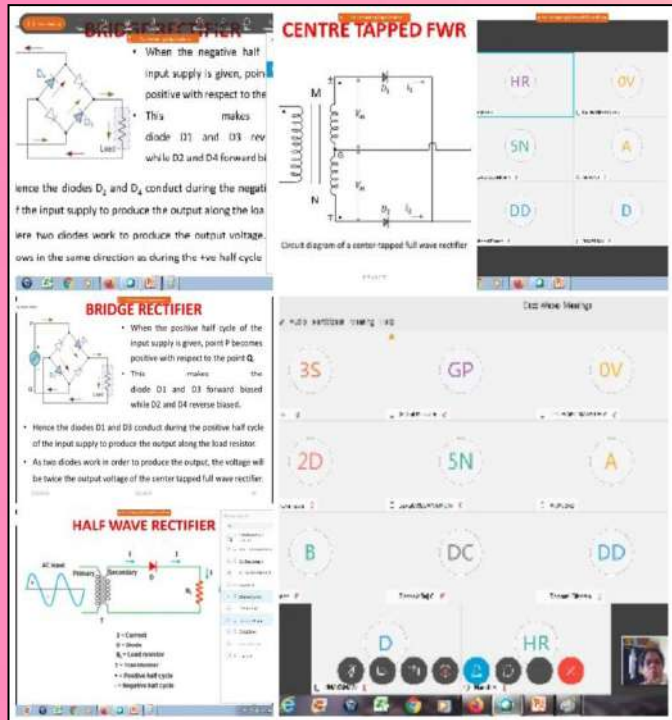
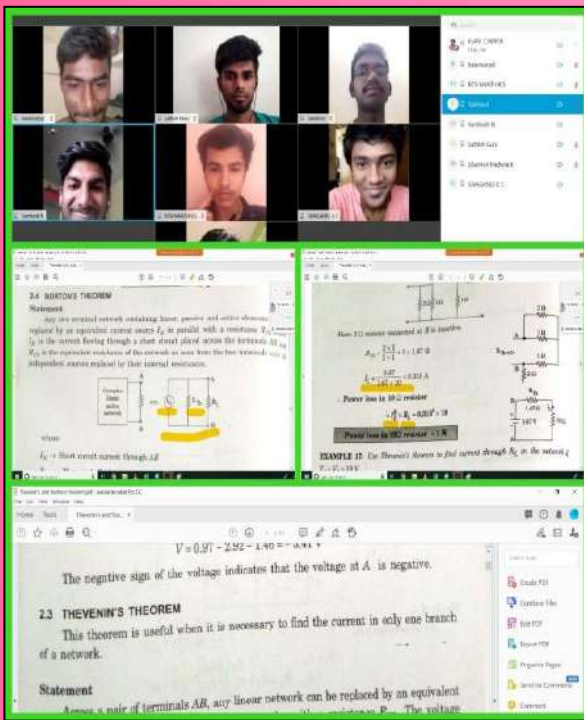


I B.E. - CSE



**Dr.D.Prabha, Dr.K.Rama Abhirami, Ms.S.Nagajothi, Ms.B.Sophia and Ms.A.Priya**, faculty members from the Department of CSE conducted special coaching class on **Python Programming and Digital Principles & System Design** for First year B.E CSE and M.Tech CSE students through Cisco WebEx Meet.

# #10 EEE| SPECIAL COACHING CLASSES



The Department of Electrical and Electronics Engineering conducted Special Coaching Class for the First year B.E and B.Tech students to provide supportive growth in academics.



# #11 ECE | SPECIAL COACHING CLASSES

Ten participants were ranked according to their performance in musical test by the 3 Judges in the following data.

	1	2	3	4	5	6	7	8	9	10
Rank by X	1	6	5	10	3	2	4	9	7	8
Rank by Y	3	5	8	4	7	10	2	1	6	9
Rank by Z	6	4	9	8	1	2	3	10	5	7

Using rank correlation method, discuss which pair of judges has the nearest approach to common likings of music.

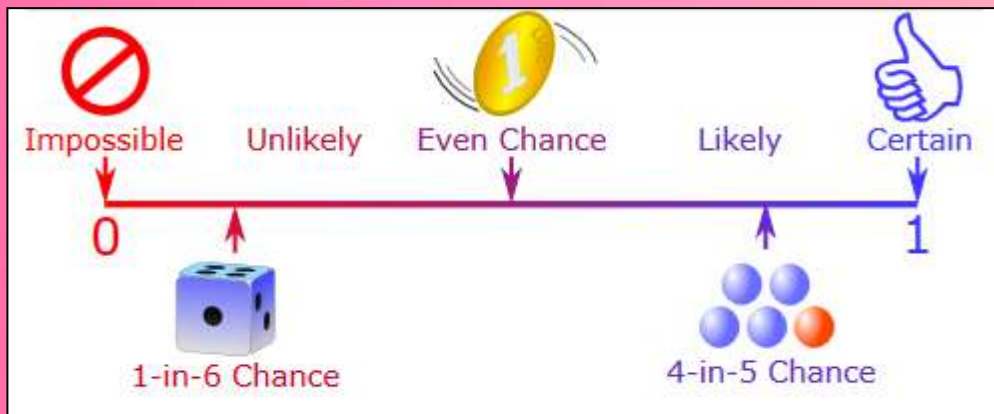
Solution :

$x_i$	$y_i$	$z_i$	$d_1 = x_1 - y_1$	$d_2 = y_1 - z_1$	$d_3 = x_1 - z_1$	$d_1^2$	$d_2^2$	$d_3^2$
1	3	6	-2	-3	-5	4	9	25
6	5	4	1	1	2	1	1	4
5	8	9	3	-1	-4	9	1	16
10	4	8	6	-4	2	36	16	4
3	7	1	-4	6	2	16	36	4
2	10	2	-8	8	0	64	64	0
4	2	3	2	-1	1	4	1	1
9	1	10	8	1	2	64	1	4
7	6	5	1	1	1	1	1	1
8	9	7	-1	2	1	1	4	1

The rank correlation co-efficient between X and Y is given by

$$r(X, Y) = 1 - \frac{6 \sum d_1^2}{n(n^2 - 1)}$$

Here,  $n = 10$



Online coaching class for **Second year ECE B** was conducted for the subject **Probability & Random Process** by **Dr.R.Ramesh**, Assistant Professor, **ECE**.



# #12 MCT | SPECIAL COACHING CLASS ON ELECTRICAL AND ELECTRONIC DEVICES

The screenshot shows a Zoom meeting interface. On the left, there are two panels of handwritten notes. The top panel shows the expansion of a Boolean expression  $f(A, B, C) = (A+B+C) \cdot (A+B+D) \cdot (A+B+E) \cdot (A+B+C) \cdot f(A, B, C)$  and a truth table for 2 variables with minterms and maxterms. The bottom panel shows the conversion of the expression  $f(A, B, C) = AC + AB + BC$  into standard SOP form through three steps: identifying missing literals, ANDing with complements, and expanding the literals.

On the right, the Zoom meeting controls are visible, showing a video feed of the instructor, NITHYA PRIYA S, and the names of participants: keshav and S Gowtham. A blue 'A' icon is also present at the bottom of the Zoom window.

**Ms.S.NithyaPriya**, Assistant Professor, Department of Mechatronics Engineering has conducted a Special Coaching class for Electrical and Electronic devices on the topics **Sum of Products, Product of Sum, minimum term and maximum term** on 05.05.2020.

## #13 EEE| SPECIAL COACHING CLASSES

**PROBLEM 89:** In the circuit given in figure, obtain the load current  $i_L$ .

*(AU, Coimbatore/EEE - Dec. 2010), (AU/M)*

**Solution:**

Applying KVL, we can get three mesh equations.

Find  $V_1, V_2, V_3$  by the nodal method for the given circuit.

By inspection method

$$\begin{bmatrix} \frac{1}{1} + \frac{1}{1} & -\frac{1}{1} & -\frac{1}{1} \\ -\frac{1}{1} & \frac{1}{1} + \frac{1}{1} + \frac{1}{4} & -\frac{1}{1} \\ -\frac{1}{1} & -\frac{1}{1} & \frac{1}{1} + \frac{1}{1} \end{bmatrix} \begin{bmatrix} V_1 \\ V_2 \\ V_3 \end{bmatrix} = \begin{bmatrix} 5 \\ 0 \\ 10 \end{bmatrix}$$

$$\begin{vmatrix} 2 & -1 & -1 \\ -1 & 2.25 & -1 \end{vmatrix} \begin{bmatrix} V_1 \\ V_2 \end{bmatrix} = \begin{bmatrix} 5 \\ 0 \end{bmatrix}$$

Using these three equations and forming a matrix equation:

$$\begin{bmatrix} 16 & -12 & 0 \\ 12 & -27 & 9 \\ 0 & 9 & -27 \end{bmatrix} \begin{bmatrix} I_1 \\ I_2 \\ I_3 \end{bmatrix} = \begin{bmatrix} 120 \\ 0 \\ 0 \end{bmatrix}$$

By applying Cramer's rule, we can find out current through load (15 Ω) resistor  $I_3$  flows through 15 Ω resistor

$$\Delta = \begin{vmatrix} 16 & -12 & 0 \\ 12 & -27 & 9 \\ 0 & 9 & -27 \end{vmatrix} = 16(729 - 81) + 12(-324) = 6480$$

$$\Delta I_3 = \begin{vmatrix} 16 & -12 & 120 \\ 12 & -27 & 0 \\ 0 & 9 & -27 \end{vmatrix} = -192(108) - 108(324)$$

The Department of **Electrical and Electronics Engineering** scheduled a Special Coaching Class for the **First year BE and B.Tech** students to provide supportive growth in academics.



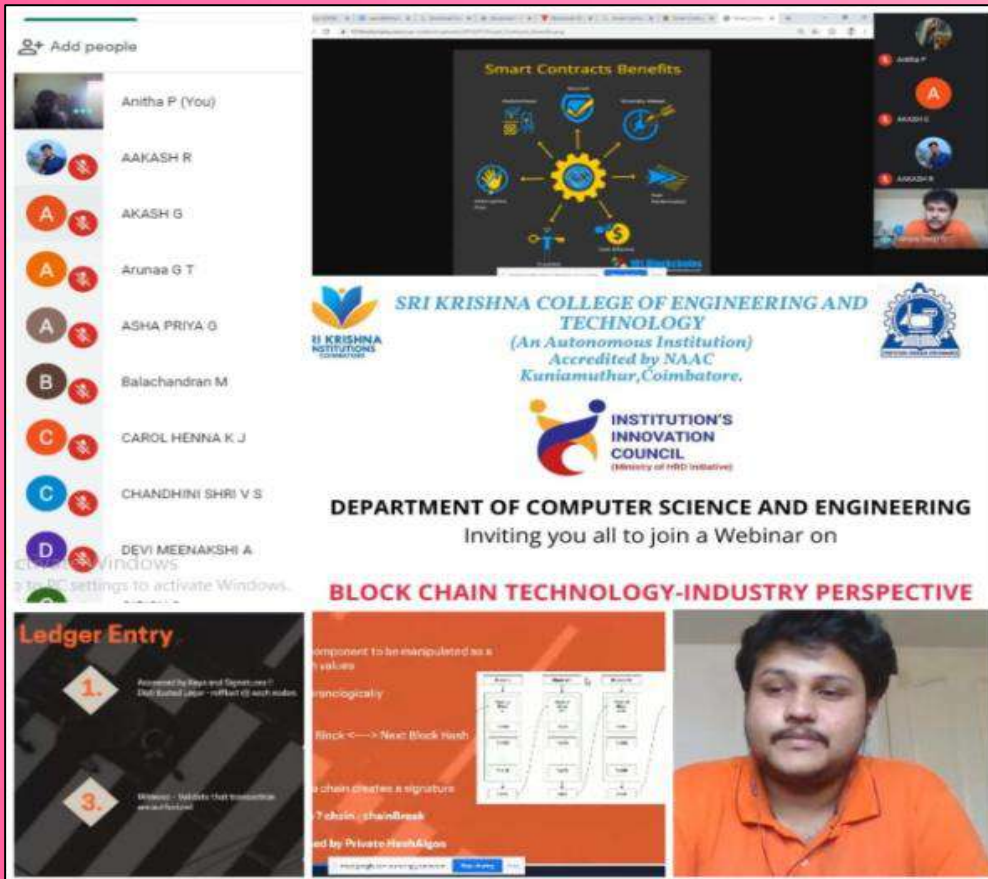
# WEBINARS ON COMPUTING



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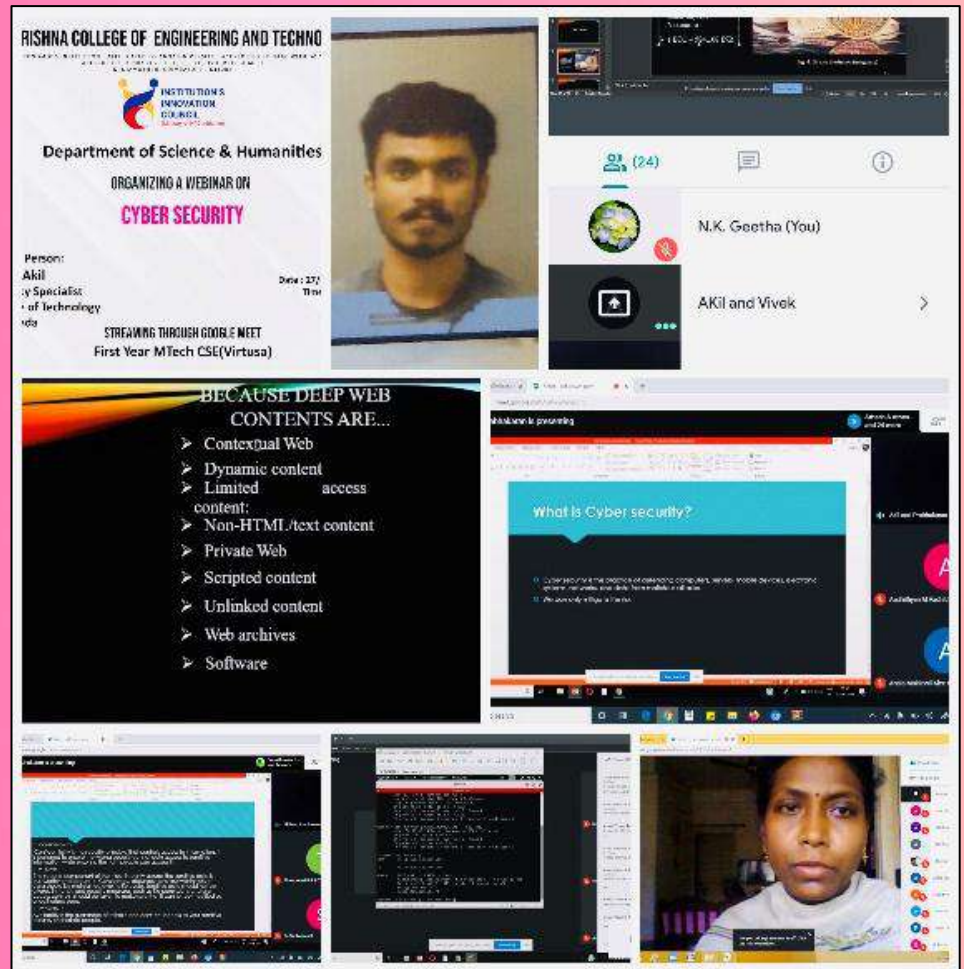


# #1 CSE | BLOCKCHAIN TECHNOLOGY-INDUSTRY PERSPECTIVE



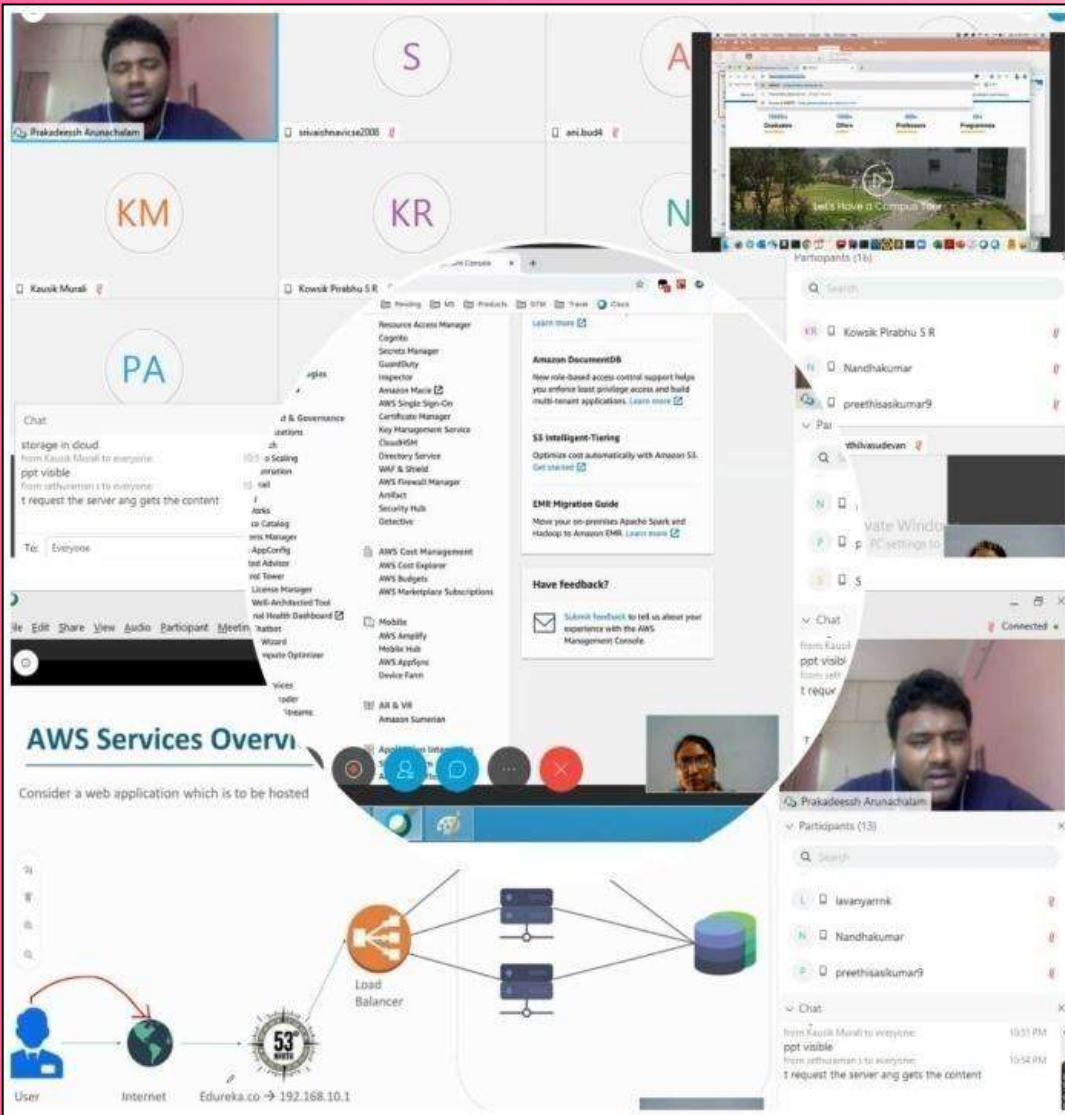
To meet the ever-demanding needs of knowledge industry, **Institution's Innovation Council (IIC)** of SKCET and Department of **CSE** organized a Webinar Session on "**BlockChain Technology-Industry Perspective**" on 04.05.2020 for CSE students and faculty members through Google Meet. **Mr.G.Sanjay Deep**, Software Developer, Accenture was the resource person for the event. Introduction to Bitcoin and Blockchain Cryptocurrency, Programmable Block Chain- Smart Contracts, Hyperledger model and Block chain in health care and real estate were the topics discussed.

## #2 S&H | CYBER SECURITY



Institution’s Innovation Council (IIC) of SKCET and the Department of Science and Humanities organized a Webinar on “**Cyber Security**” on 27.04.2020. **Mr.P.Akil**, Lambton College of Technology, Canada was the resource person of the session. The First year **M.Tech Virtusa** students and faculty members joined the session via Google meet. The session focused on ethical hacking, computer forensics, information security, deep web, bit coin and crypto currency. The students exhibited great interest in learning cyber security and gained knowledge in the related field.

## #3 CSE | CLOUD COMPUTING USING AWS



To enrich the knowledge of students and faculty members, **Institution's Innovation Council (IIC)** of SKCET and Department of **CSE** organized a Webinar Session on "**Cloud Computing using AWS**" on 02.05.2020 through Google Meet. **Mr.Prakadeesh Arunachalam**, SDE-2, Amazon, Seattle, Washington was the resource person. AWS EC2, AWS Lambda, AWS DynamoDB and AWS RDS were the topics discussed.



## #4 IT | WEB SERVICES

The collage illustrates a webinar session on Web Services. It features a Zoom meeting with two participants, a slide titled "Data representation" showing a table with columns "id", "Name", and "Age", and its corresponding CSV, TSV, and JSON representations. A browser window shows a Twitter page with a developer tools console open, displaying JavaScript code. A Zoom meeting grid view is also visible, showing a grid of participants represented by letters in colored circles.

id	Name	Age
1	Jeff	25
2	Naveen	78

```

CSV
id, Name, Age
1, Jeff, 25
2, Naveen, 78

TSV
id      Name  Age
1      Jeff  25
2      Naveen 78

JSON
{"id": 1, "Name": "Jeff", "Age": 25},
{"id": 2, "Name": "Naveen", "Age": 78}
    
```

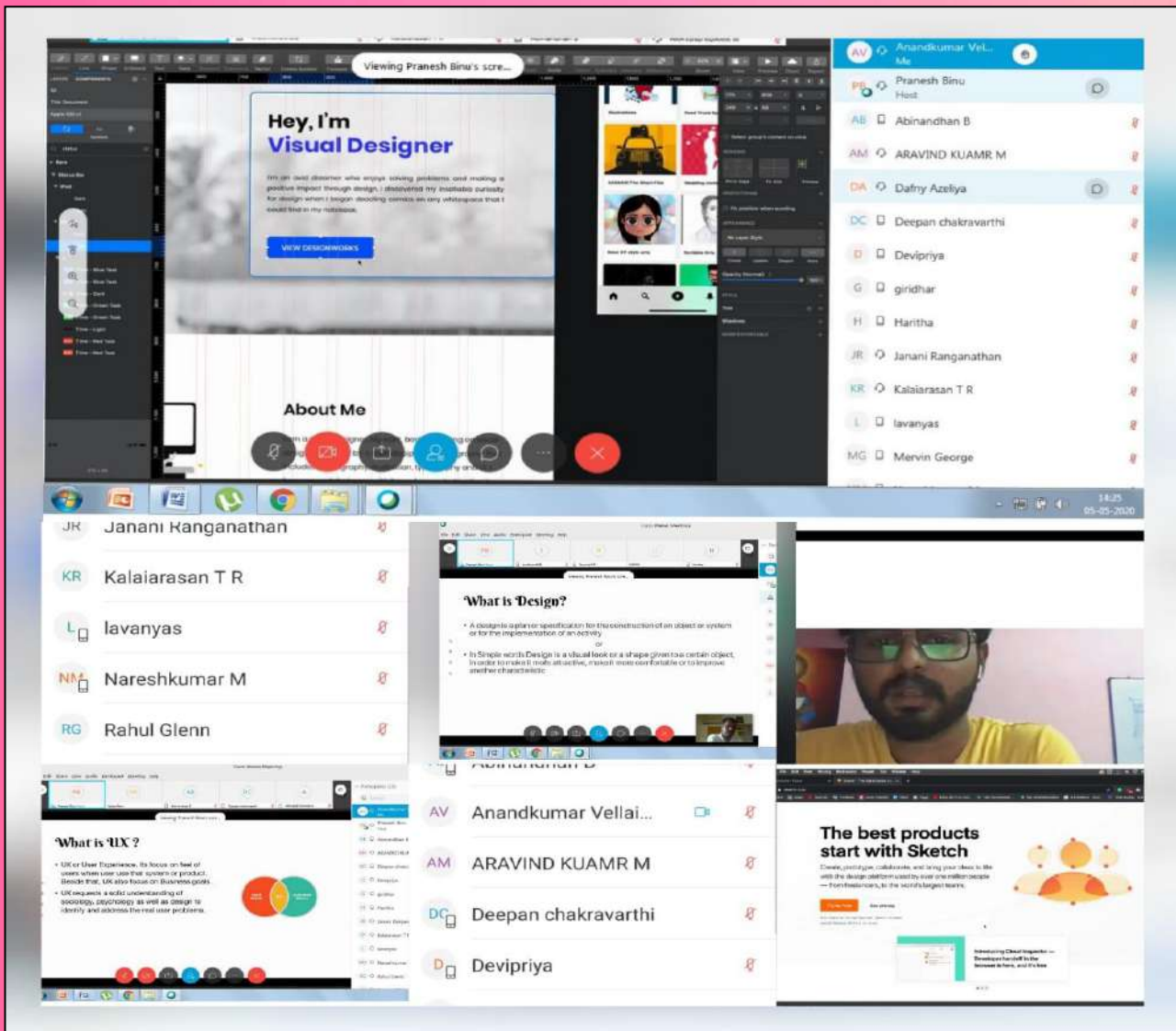
The Department of Information Technology organized a webinar session on **Web Services** for faculty and students on 04.05.2020  
Resource Person: **Mr. Jeffin Manuel, SDE, Groupon**

## #5 ECE | MACHINE LEARNING PROVEN APPLICATIONS



The Department of ECE organized webinar on the topic **“Machine Learning Proven Applications and New Features”** on 06.05.2020 delivered by **Ms. Shayoni Dutta**, Senior Application Engineer, Mathworks. The key take-aways of the webinar were Integrating machine learning models with production, Applying automation techniques to feature selection, model selection, and hyperparameter optimization (AutoML).

## #6 IT | UI DESIGN TOOLS

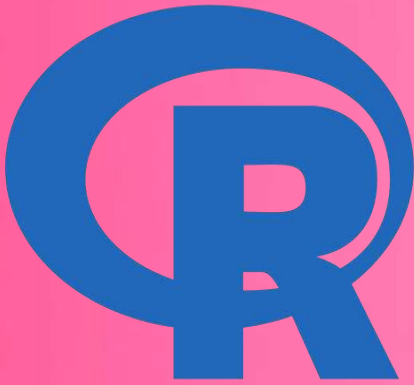


The Department of Information Technology organized a webinar session on **UI Design Tools** for faculty members and students on 5.05.2020.

Resource Person: **Mr. A Pranesh**, Product Designer, Zoho Corporation, Chennai.

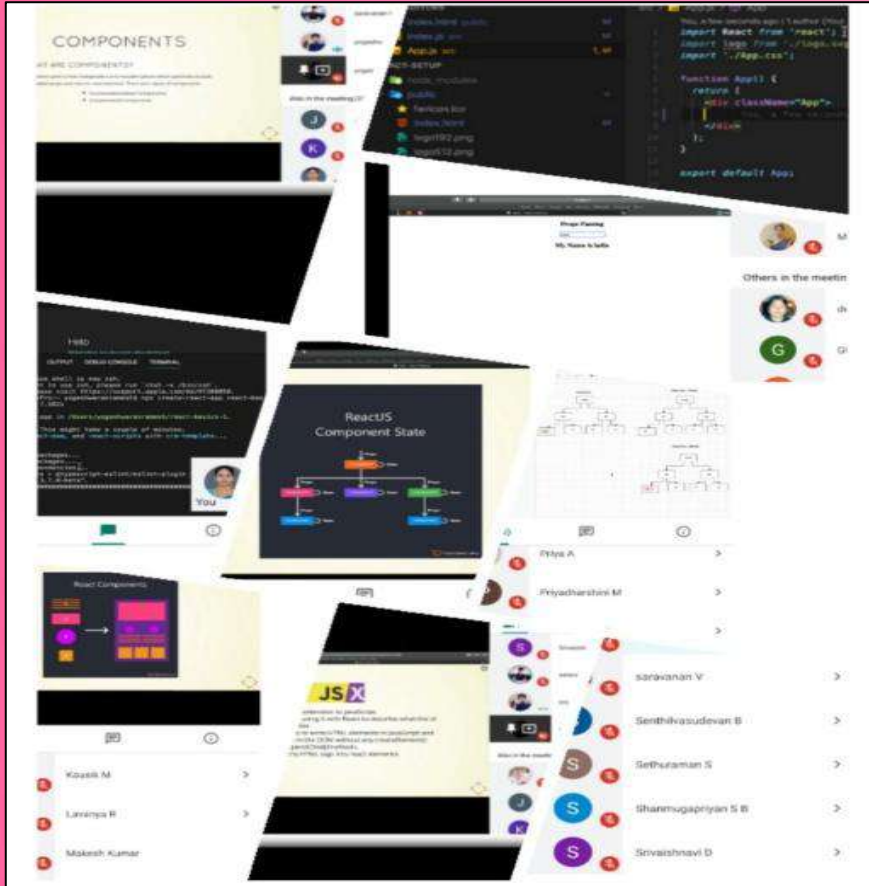


## #7 S&H | BUSINESS ANALYTICS USING R SOFTWARE



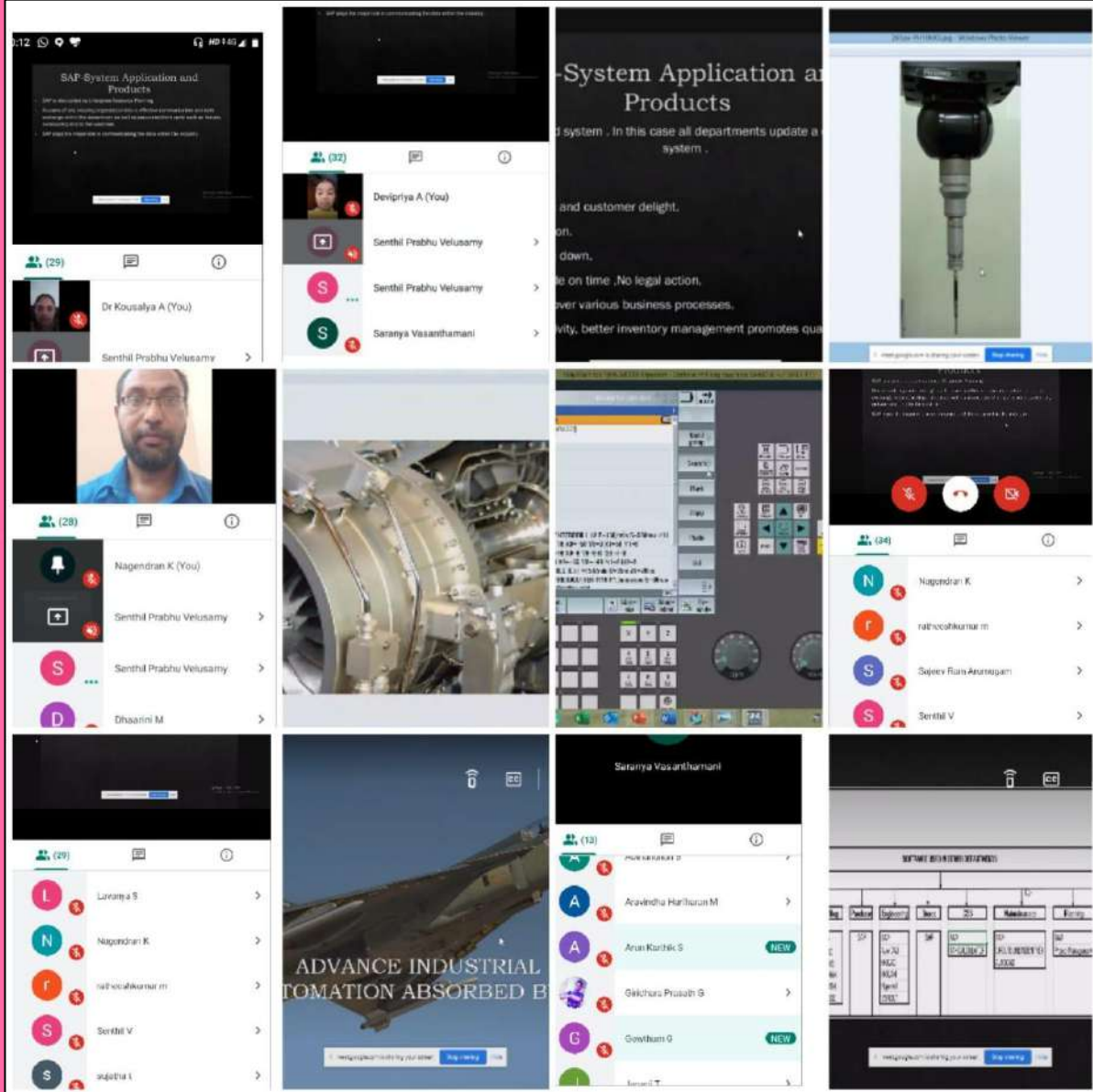
Institution's Innovation Council (IIC) of SKCET and the Department of Science and Humanities organized a Webinar on “**Business Analytics Using R Software**” on 30.04.2020. **Dr.S.Lara Priyadharshini**, Associate Professor, KV Institute of Management & Information Studies was the resource person of the session. The First year **Computer Science and Business Systems** Engineering students and faculty members joined the session via Webex platform. The students attended the session enthusiastically and enhanced their knowledge in using R software.

## #8 CSE | A JAVASCRIPT LIBRARY FOR BUILDING USER INTERFACES



Institution's Innovation Council (IIC) of SKCET and Department of CSE organized a Webinar on **"Getting Started with React - A Javascript Library for Building User Interfaces"** on 05.05.2020 for CSE students and faculty members through WebEx. **Mr.R.Yogeshwaran**, Product Engineer Trainee, Coding Mart, Coimbatore was the resource person for the event. Fundamentals of React, ReactJS Components, Component State and Props, React Dev Tools to check the Props and State of React Components and Setting up React Projects were the key points discussed.

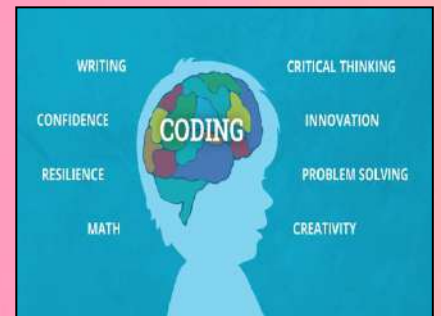
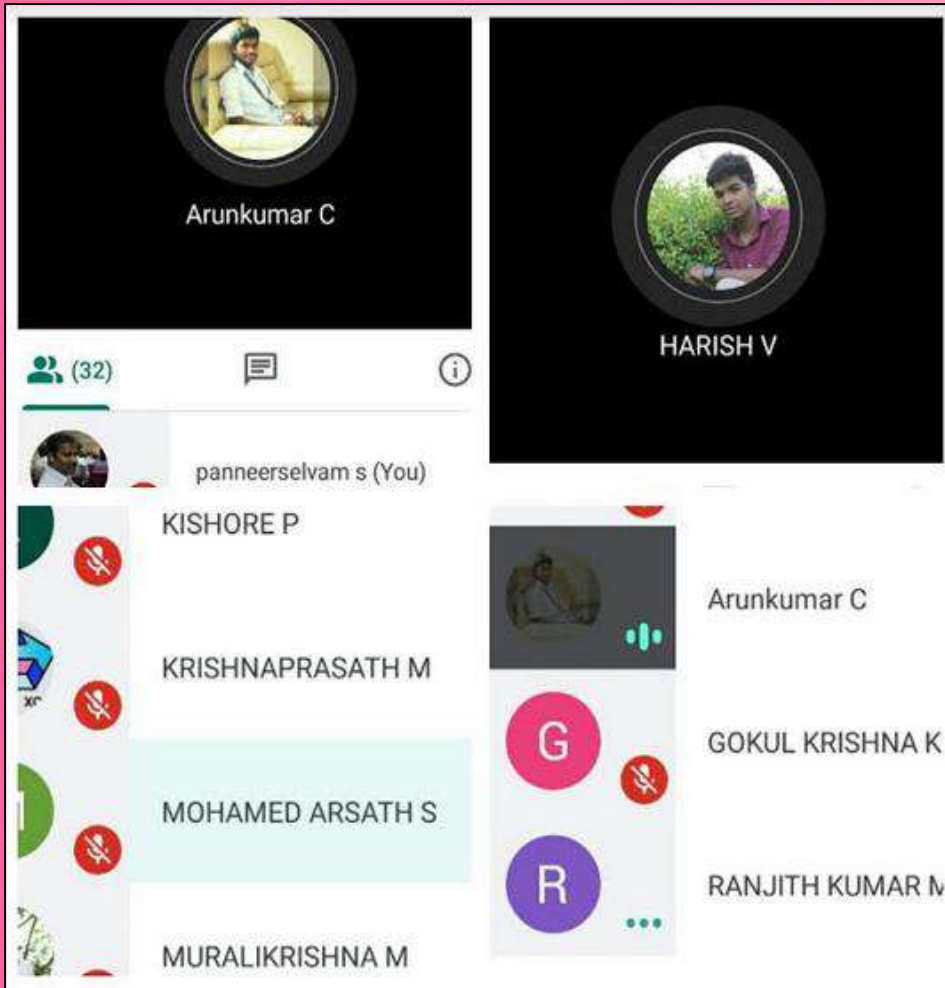
## #9 IT | ADVANCED INDUSTRIAL AUTOMATION ABSORBED BY IT



The Department of Information Technology organized a webinar on the topic **Advanced Industrial Automation absorbed by IT** on 02.05.2020. Resource Person: **Mr.V.Senthil Prabhu**, Research Associate, University of Windsor, Canada



## #10 MCT | IMPORTANCE OF CODING



Students from the Department of **MCT** attended a webinar on “**Importance of Coding**” on 7.05.2020. The session was handled by **Mr.C.Arunkumar**, Software Developer, Zoho Corporation, Chennai.

### Highlights of the Session:

1. Role of Mechatronics Engineer in IT industries
2. Various opportunities
3. How to crack interviews.
4. Industry expectations from graduates.



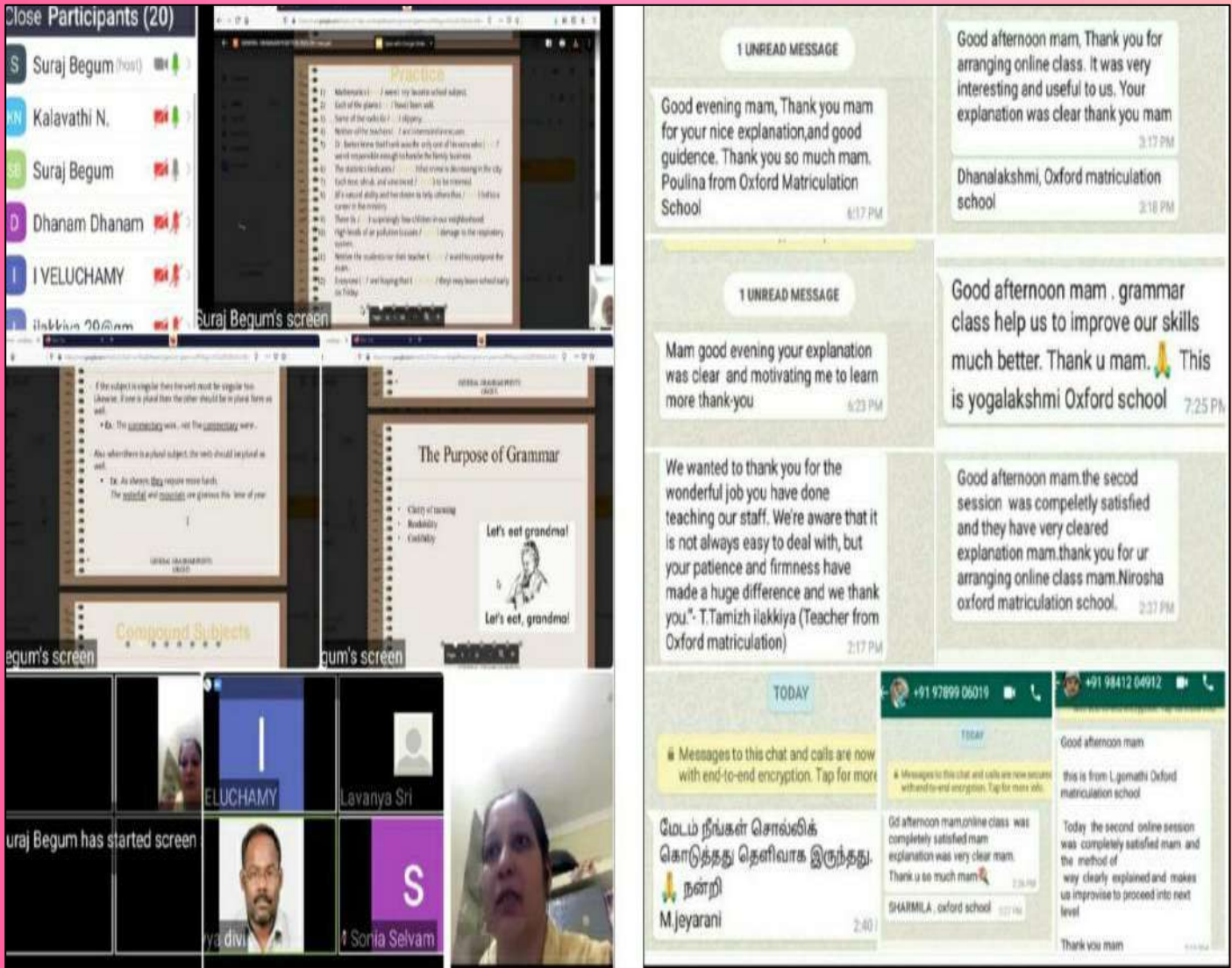
# OUTREACH ACTIVITIES



e Academia - Special Edition - 7



# #1 S&H | TRAINING ON GRAMMAR FOR SCHOOL CHILDREN



**Dr.Suraj Begum.R**, Assistant Professor, Department of **Science and Humanities** of **English** domain organised a **Webinar Series** on **General Grammar Points** for **Government Higher Secondary School** students and **Oxford Matriculation School** students, Chennai on 30.04.2020 and 01.05.2020. The session focussed on various Grammar topics such as Subject- Verb Agreement and Tenses.

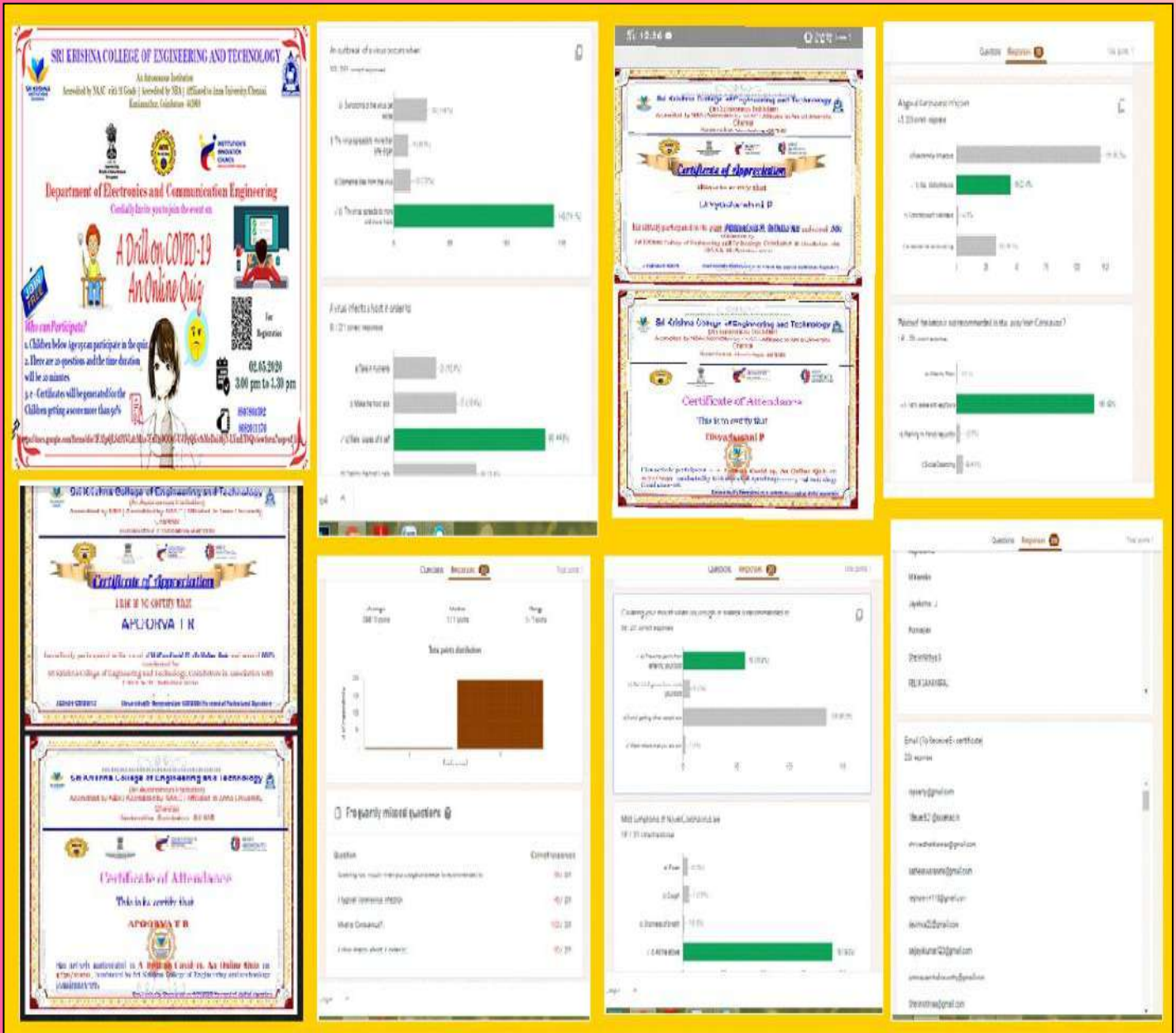


## #2 CSE | WEALTH OUT OF WASTE - OUTREACH ACTIVITY



Faculty members from the Department of **CSE Dr.M.Sujaritha, Ms.M.Kavitha, Ms.V.R.Azharaguramyaa and Ms.J.Fenila Naomi** organized an event titled "**Wealth out of Waste**" from 29.04.2020 to 0.05.2020. Resource Person for the event was **Dr.A.V.Gnanasambandam**, Chief Executive Officer, TBI-ABIS, Tamil Nadu Agricultural University, Coimbatore. Eco-Friendly Products made up of waste Materials were the outcome of event. The enthusiastic children were very excited.

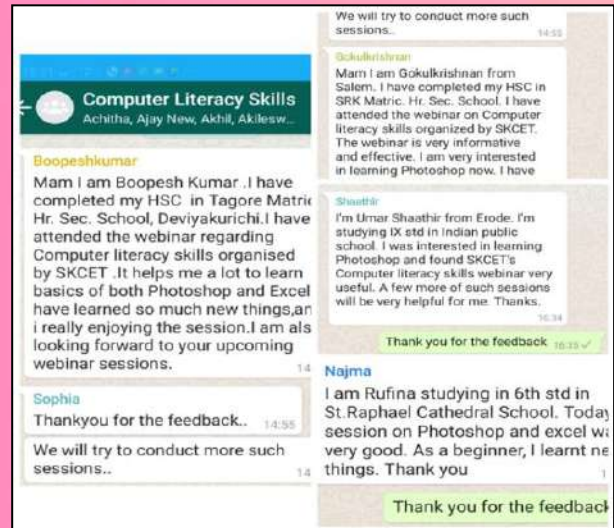
# #3 ECE | ONLINE QUIZ - OUTREACH ACTIVITY



The Department of **ECE** conducted an **Online Quiz** contest on 02.05.2020 as a part of the outreach activity to create awareness on the recent pandemic COVID-19. More than 201 aspiring and vibrant children along with their Parents participated in the event.



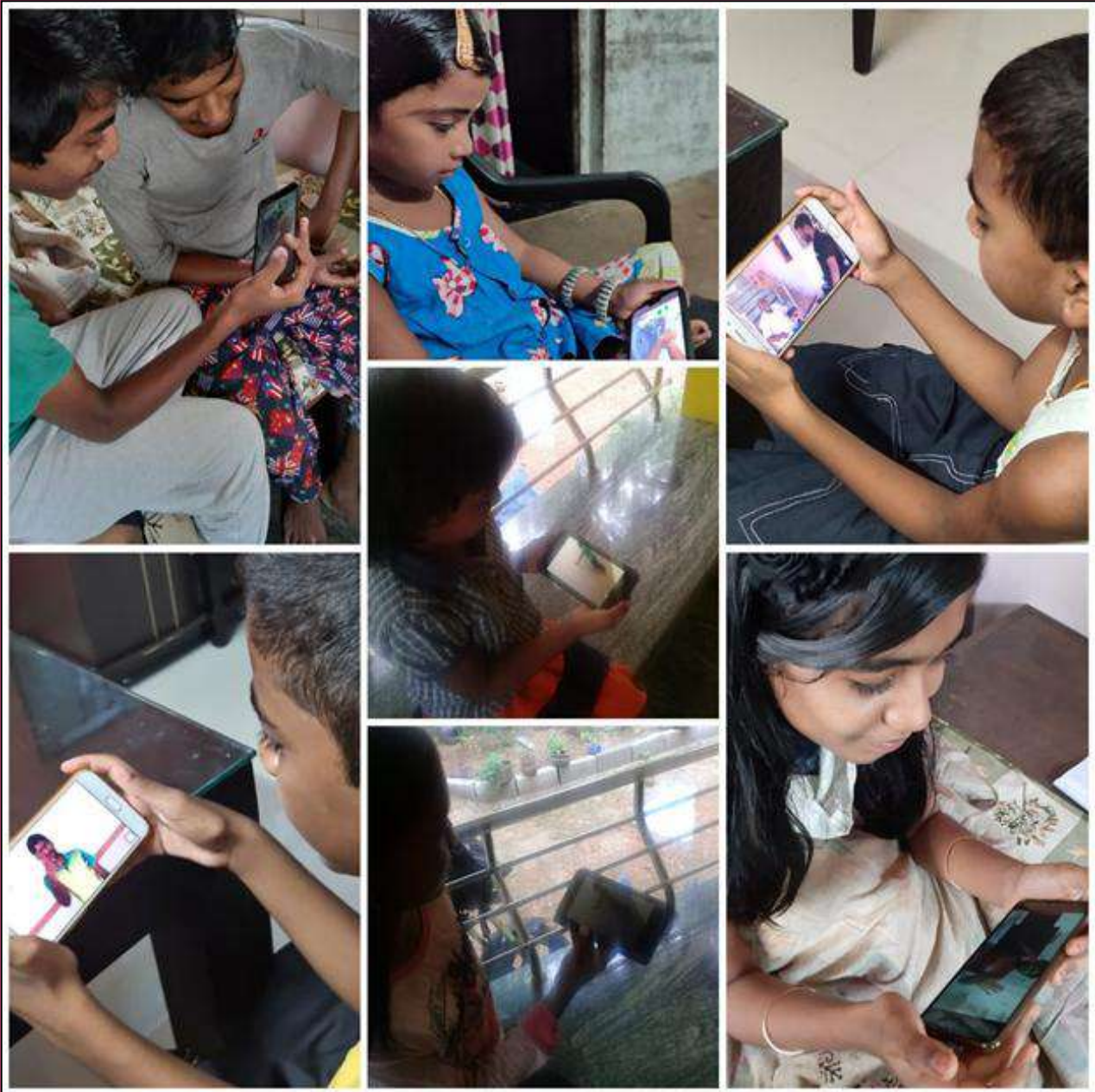
## #4 CSE | COMPUTER LITERACY SKILLS - OUTREACH ACTIVITY



Faculty members from the Department of CSE **Ms.K.M.Majidha Fathima, Ms.S.Mohana Gowri and Ms.B.Sophia** organized a knowledge sharing session through Google Meet on the title "**Pickup Computer Literacy Skills**" on 02.05.2020. **Mr.V.Haswanth Kumar**, Associate Software Engineer, Accenture, Hyderabad was the Resource person. Students from SRK, Tagore, SRCS Matric Hr Sec School, Aksharam International school, Amrita Vidyalayam, GHSS, Indian Public School were the participants of the event. Photoshop basics and settings, Fading and softening of images, Background erasers, Layers and shortcut keys were some of the session highlights.



## #5 MCT | VIDEO AWARENESS- OUTREACH ACTIVITY



The Department of **MCT** conducted an awareness programme on COVID-19 for school students of Erode District through video presentation on 05.05.2020. The awareness video was prepared by **Ajai Robert, Aadhavan, Ashwin, Blesswin Suhirtharaj and Joel Anton**, students of **Second year MCT A**.

## #6 CSE | STORY TELLING ACTIVITY

**SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY**  
(An Autonomous Institution and Affiliated to Anna University, Chennai )  
Kuniamuthur, Coimbatore 641008

Department of Computer Science and Engineering  
Cordially invites you all to participate in our event

**"Come up with a 2-minutes Moral story"**

**How to Participate?**

- Make your kid to tell a story with a moral.
- Record a video and fill out the Google Form.
- Grab an E-certificate.

**Participants:**

- Kids in the age group of 3 to 10

**Grand Finale on 02.05.2020**

Resource Person:  
Ms. Maheswari  
Manager - Capgemini Technologies Ltd.  
Chennai

**- Fighting Covid19**

Starts on 30/04/2020 @ 9 a.m  
Ends on 01/05/2020 @ 9 p.m

<https://forms.gle/xrKJN7fwC3BJ58A>

Contact Details: 9944301356, 8056736473  
8300809150, 9944419556

**SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY**  
Kuniamuthur, Coimbatore 641008

**Certificate of Appreciation**  
K.Thanya Mitraa

The Socio-Energizing team of SKCET proudly presents the certificate for his/her enthusiastic participation in the event **"Come up with a 2-minutes Moral Story"** conducted on 30-04-2020 for combating Covid-19.

**SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY**  
Kuniamuthur, Coimbatore 641008

**Certificate of Appreciation**  
S. B. KANISHKA

The Socio-Energizing team of SKCET proudly presents the certificate for his/her enthusiastic participation in the event **"Come up with a 2-minutes Moral Story"** conducted on 30-04-2020 for combating Covid-19.

### Moral Stories



Faculty members from the Department of CSE **Dr.Senathipathi, Mr.Mansoor Hussain, Mr.Senthilmurugan and Mr.Sureshkumar** organized an event titled **"Come up with 2-Minute Moral Story"** from 30.04.2020 to 01.05.2020. Resource Person for the event was **Ms.Maheswari, Manager-Capgemini Technologies Ltd., Chennai.**



# #7 ECE | EXPRESS YOURSELF WITH PENCIL

Department of ECE conducted an event titled 'Express yourself with pencil' on 04.05.2020 for school children. Many students came up with creative arts under the theme Covid-19.



**SRISKRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY**  
 An Autonomous Institution  
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 Kuniyathur, Coimbatore - 641008

**Department of Electronics and Communication Engineering**

*Cordially Invite you to join the event on*

## Express Yourself with Pencil

**Who Can? Age 6+**

Can send the pencil sketches  
 Till May 3, 4:00 pm  
 Top 5 creative arts will be provided with certification

9345248276 9994155859  
 9840512150 9994732038

are your Creativity at  
<https://forms.gle/1FAIpQLSdmfPKF-0ecZ7ac>  
<https://vvdmd0bm5cuoPYMYTSAy0HA/viewform?vc=0&c=0&w=1>





# #8 CSE | ONE SEED ONE PLANT:OUTREACH ACTIVITY



## Today's Seed Tomorrow's Life

Faculty members from the Department of **CSE - Ms.J.Boopala, Ms.S.Biruntha, Ms.R.Gowthamani and Mr.M.Manikandan** have organized an event titled "**One Seed One Plant**" from 01.05.2020 to 05.05.2020. Outcome of event was to make the children understand what you seed in your bad time, will be harvested in your good. Children were very excited while doing this activity.



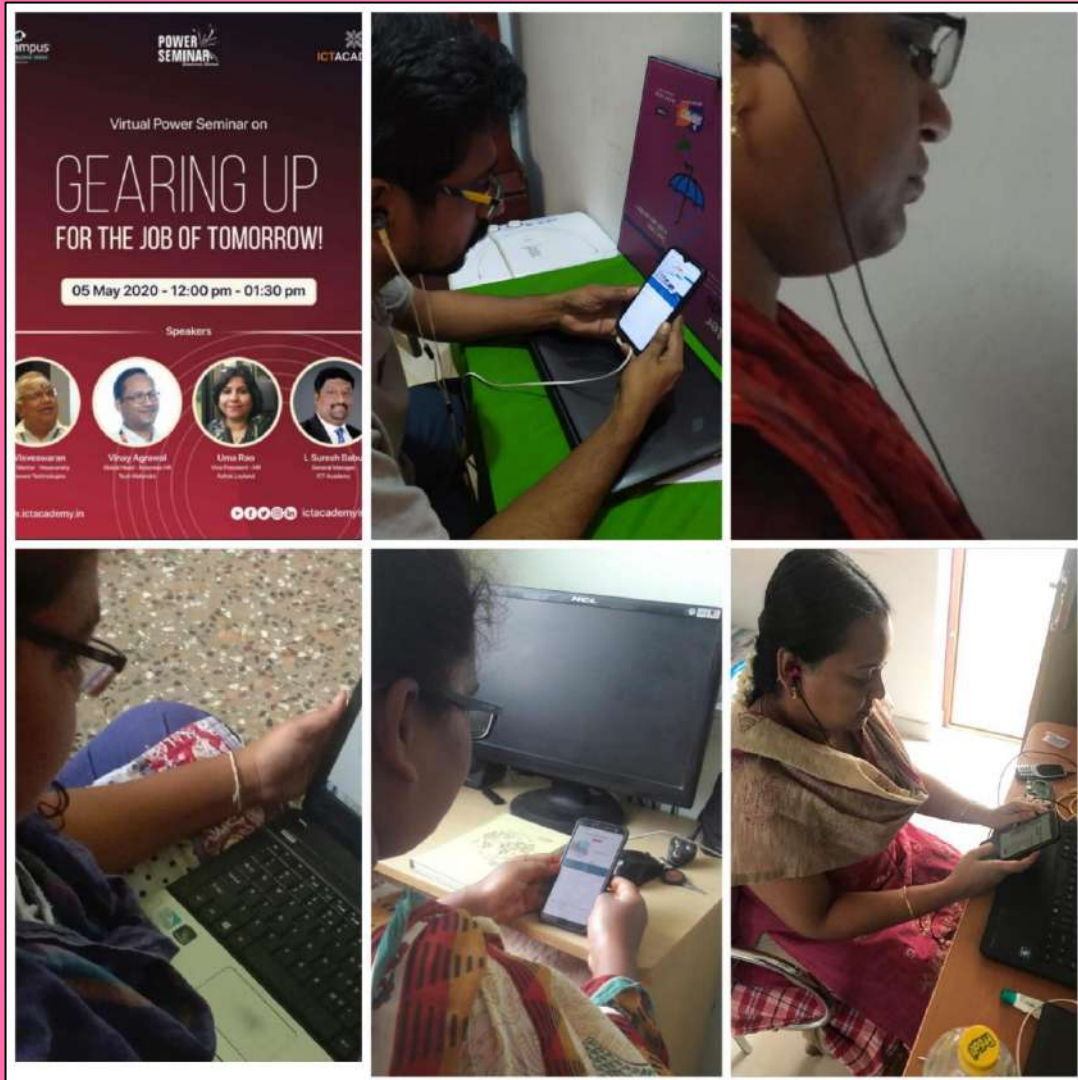
# PLACEMENT



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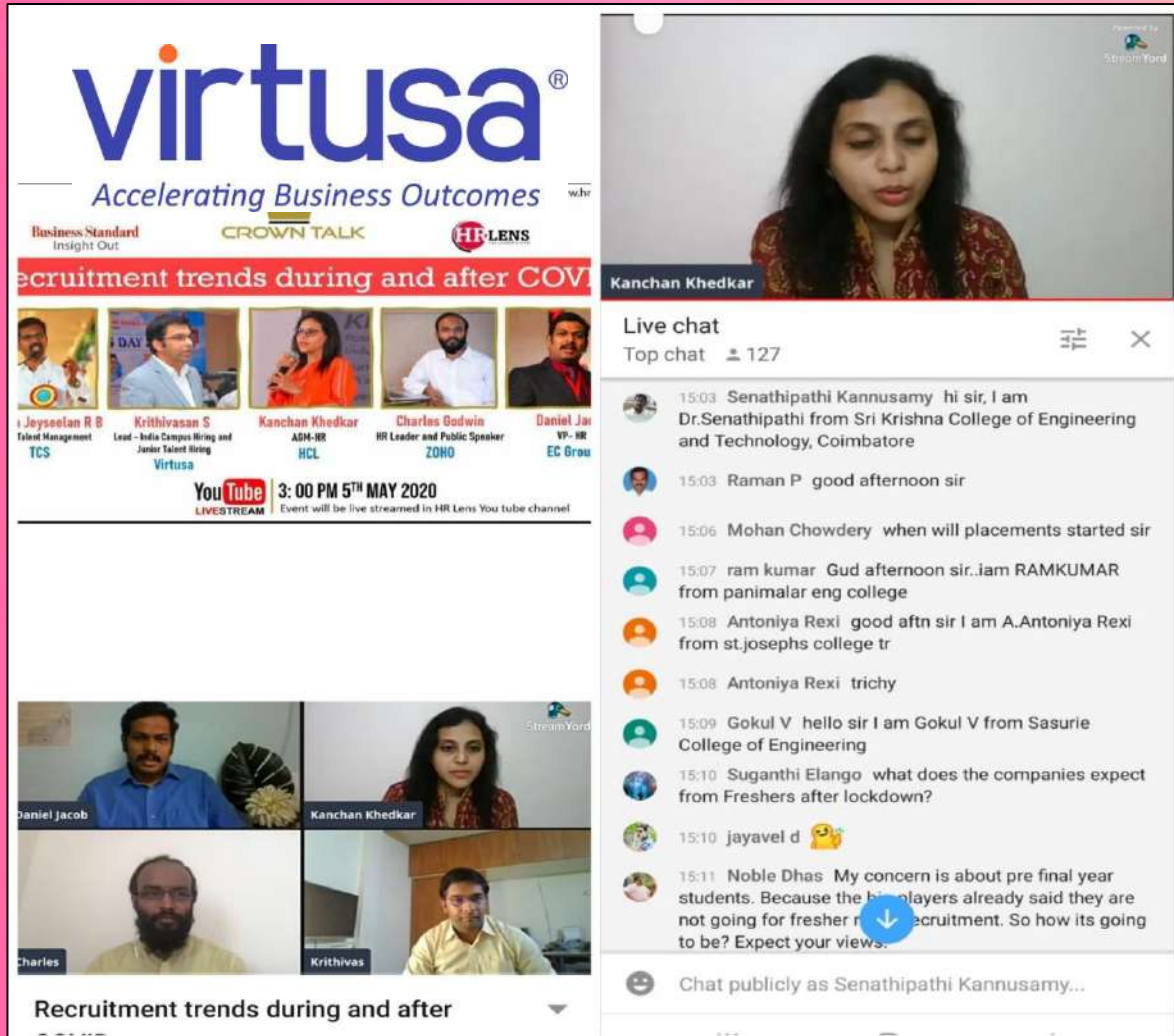
## #1 PLACEMENT | ICT ACADEMY VIRTUAL POWER SEMINAR ON GEARING UP FOR THE JOB OF TOMORROW



Placement team attended the virtual power seminar on "**Gearing Up for the Job Tomorrow**" conducted by ICTACT. **Mr. K. Visveswaran**, Key Mentor, Hexavarsity, Hexaware Technologies, **Mr. Vinay Agarwal**, Global head-Business head, Tech Mahindra and **Ms. Uma Rao**, Vice president-HR, Ashok Leyland were the key speakers of the session.

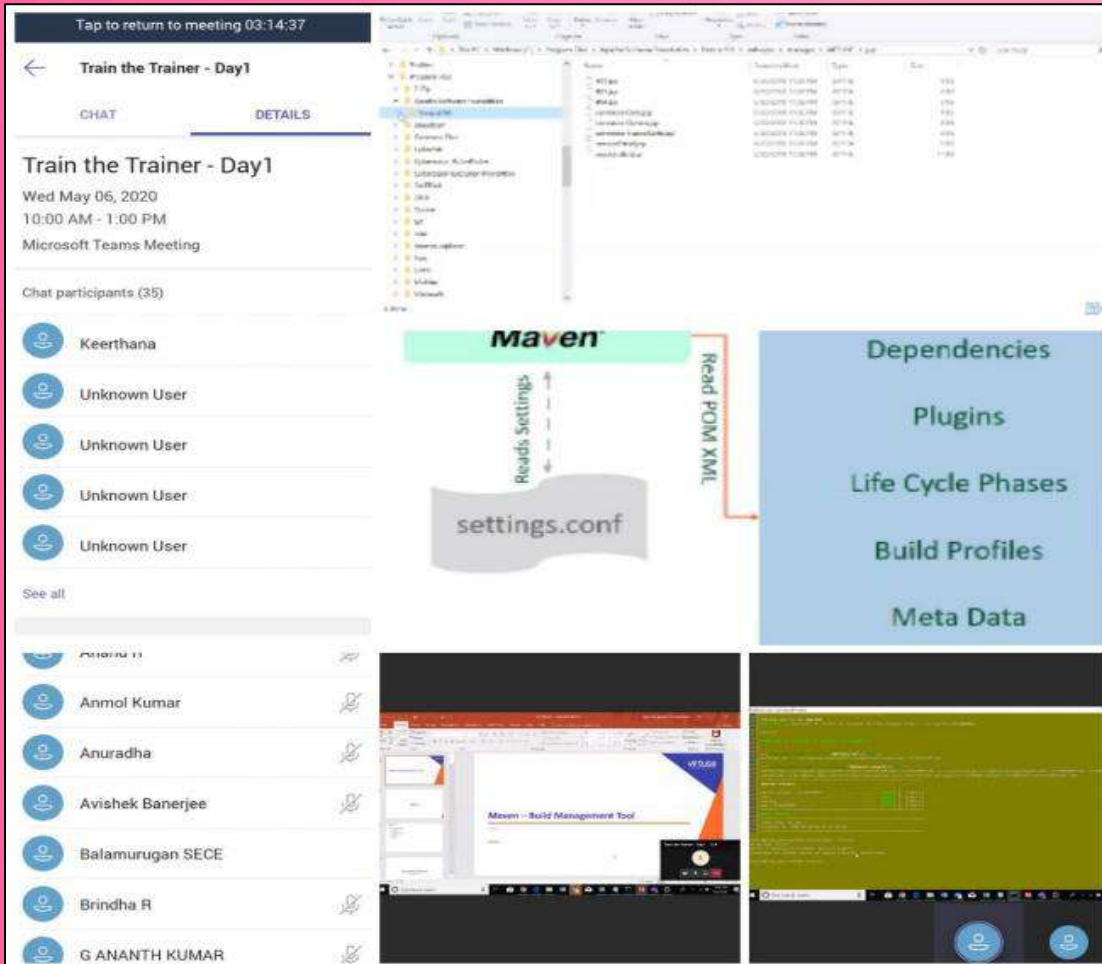


## #2 PLACEMENT | RECRUITMENT TRENDS DURING AND AFTER COVID



Placement team attended the You Tube live session on “Recent Trends During and After COVID” . Mr.Kenneth Jeyseelan RB, AVP HR, TalentManagement, TCS, Mr.Krithivasan S, Lead – India Campus Hiring and Junior Talent Hiring, Virtusa, Ms.Kanchan Khedkar, AGM-HR, HCL, Mr.Charle Godwin, HR Leader and Public Speaker, ZOHOO and Mr.Daniel Jacob, VP-HR, EC Groupwere the key speakers of the session.

## #3 PLACEMENT| VIRTUSA VIRTUAL TRAIN THE TRAINER PROGRAM



**Virtusa Virtual Train the Trainer program Day-1 Session Started on 06.05.2020.** M. Kavitha, Assistant Professor, CSE and Ms. M. Keerthana, Assistant Professor, IT attended the session.

### Session Highlights:

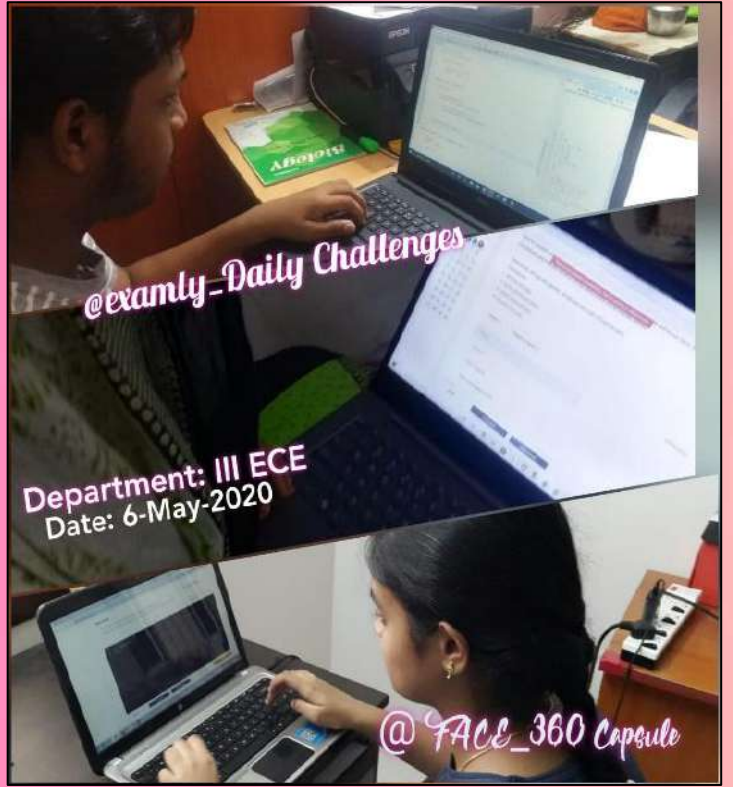
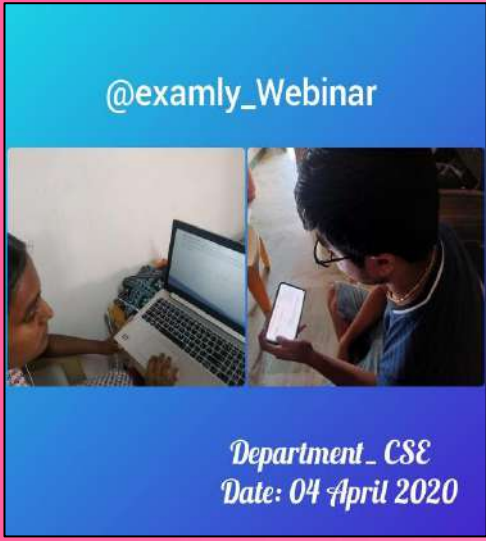
- Introduction of Automation Build Tool
- List of Enterprise Build Tools
- Introduction of Maven Build Tool
- Study and Implementation of Archetypes
- Installation and execution of simple project using Maven Build Tool







# #5 PLACEMENT| TEST FROM HOME (TFH – SLOT 8)



Placement team members conducted Test from Home. Third year students from various departments took up the test.





# DEPARTMENT MEETINGS



.....

# meeting

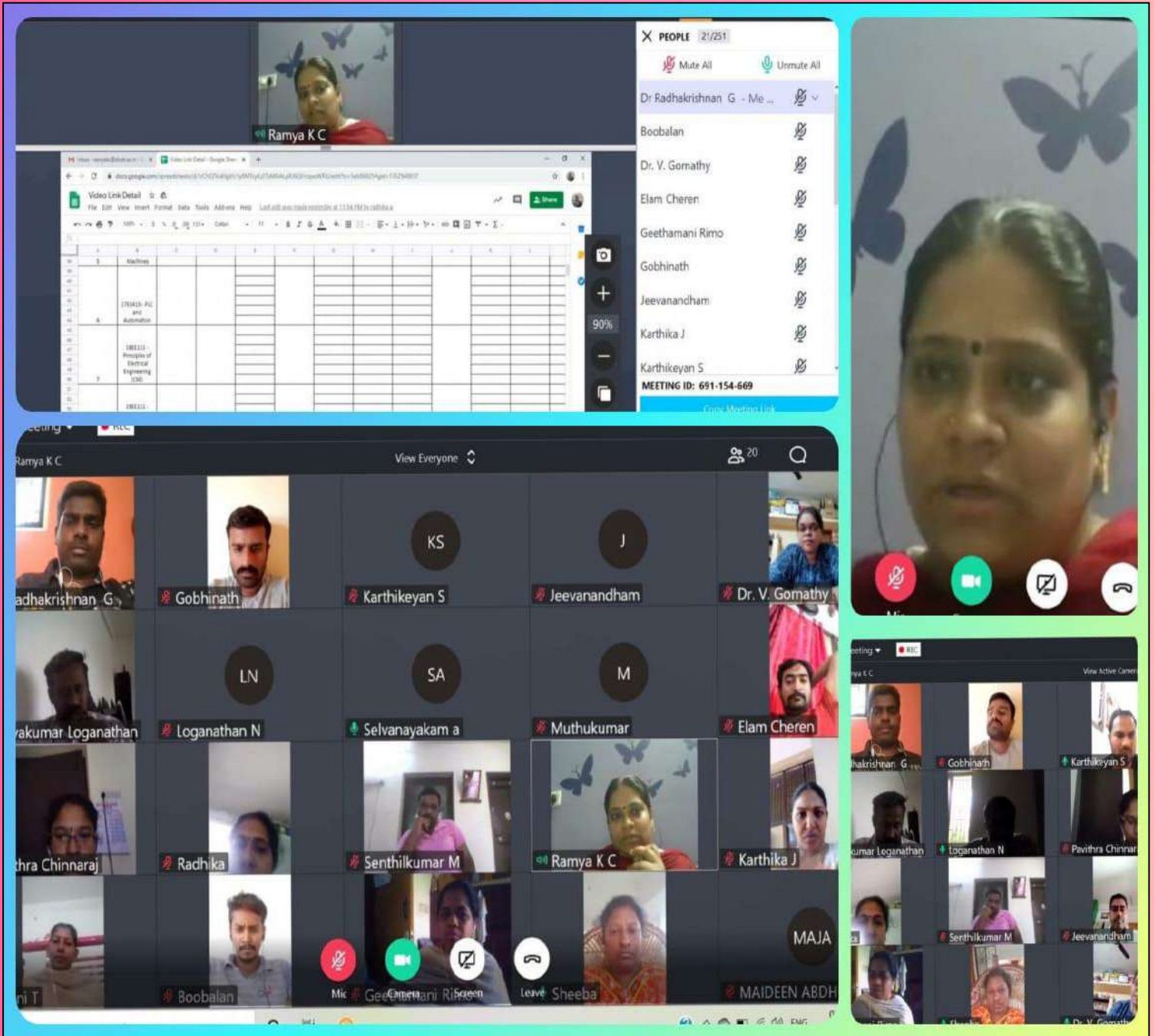
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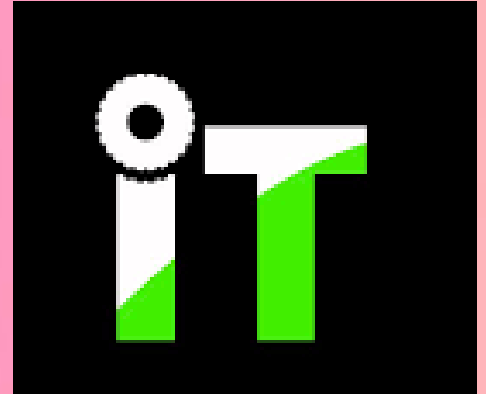
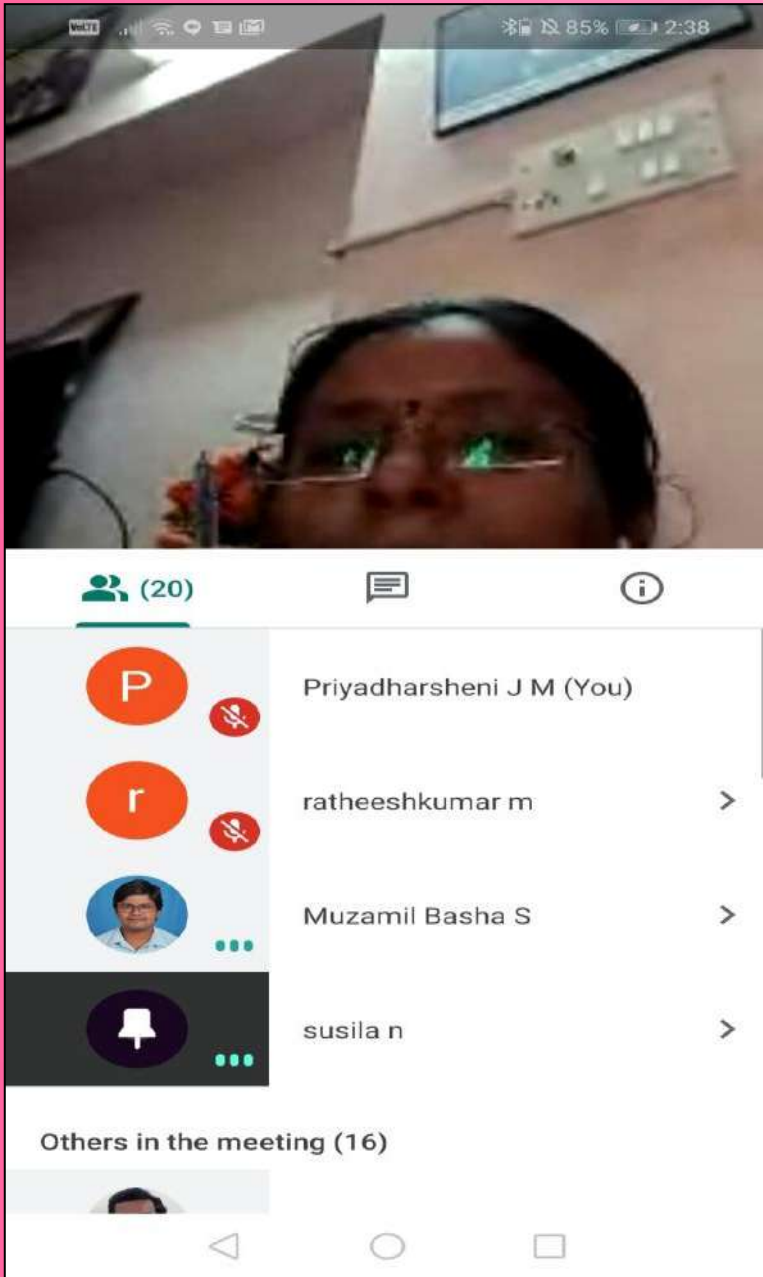
## EEE | FACULTY MEETING – 04.05.2020



**Dr. K. C. Ramya, HoD, EEE** convened meeting with the faculty members on **04.05.2020** via Goto Meeting App. The preparedness of quality video lectures for next semester and creation of Google Classroom with Google meet link were discussed.

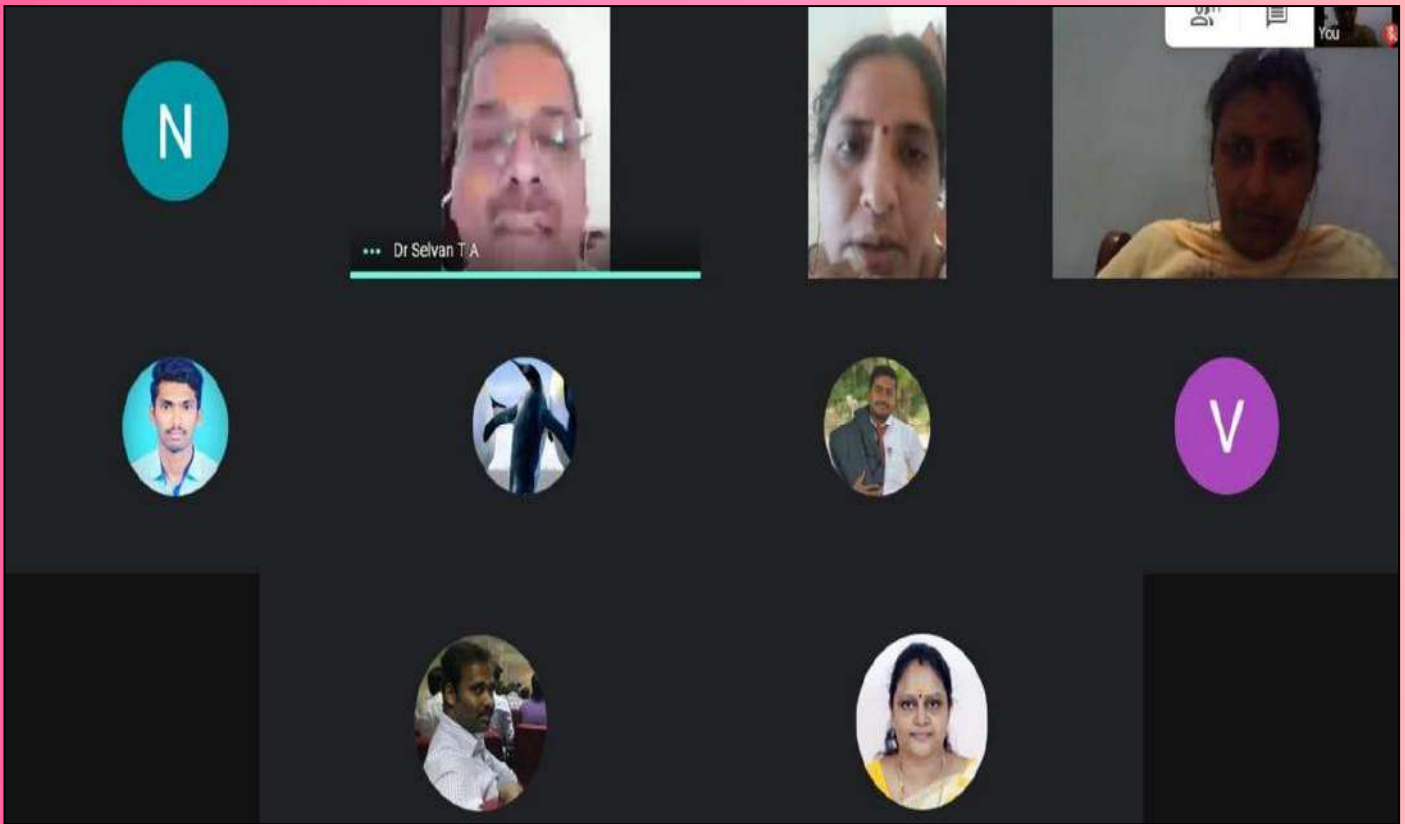


## IT | DEPARTMENT MEETING - 04.05.2020



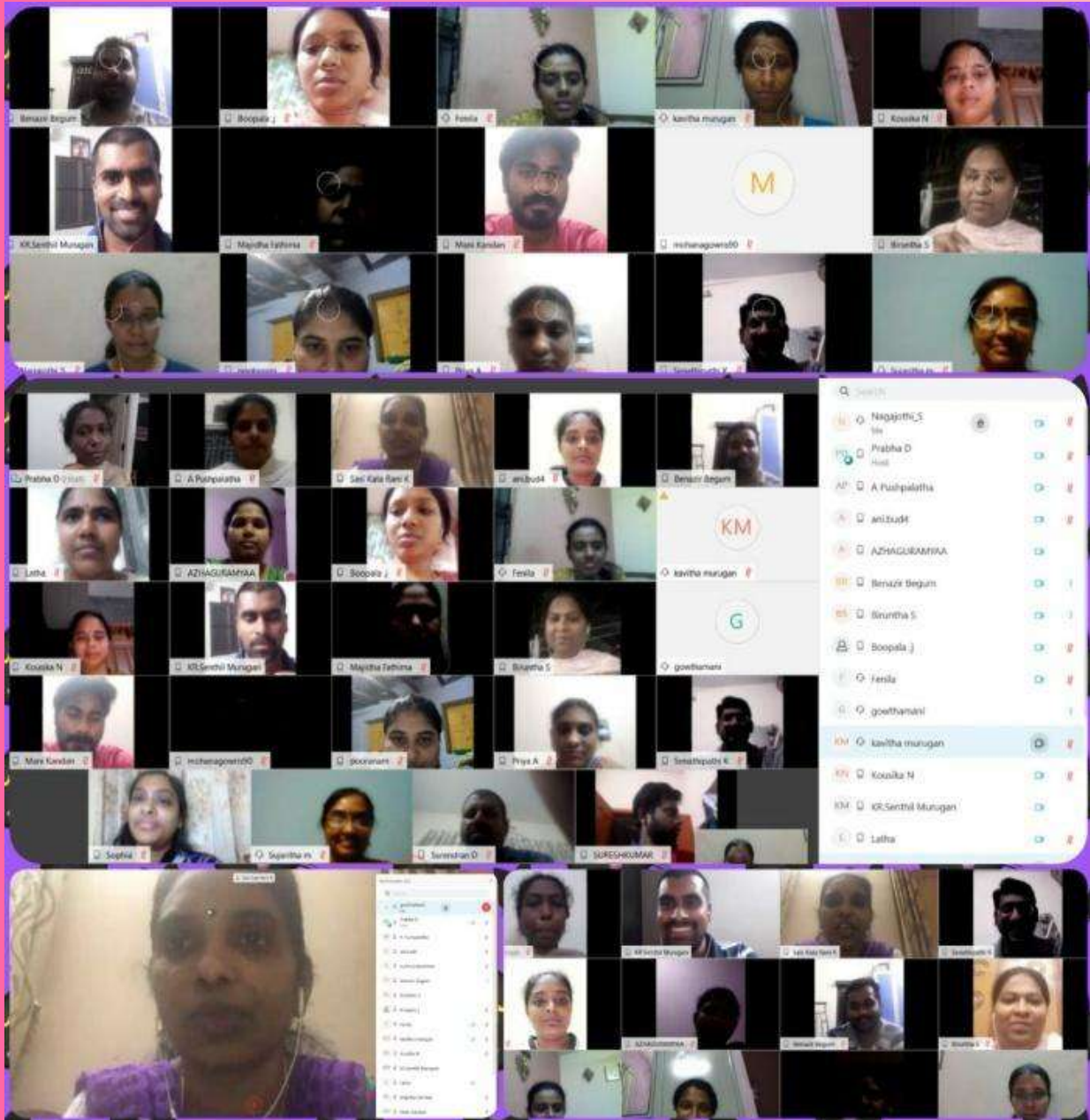
**Dr.N.Susila**, HOD, Information Technology convened a meeting with the faculty members on **04.05.2020** and discussed the research proposal submission status and the online classes preparation for the upcoming academic year.

## MCT | FACULTY MEETING – 05.05.2020



**Dr.T.A.Selvan**, Head of the Department, MCT convened a meeting with the faculty members on **05.05.2020** via Google meet. Academic preparedness, course content analysis, curriculum building and upcoming activities were the points discussed.

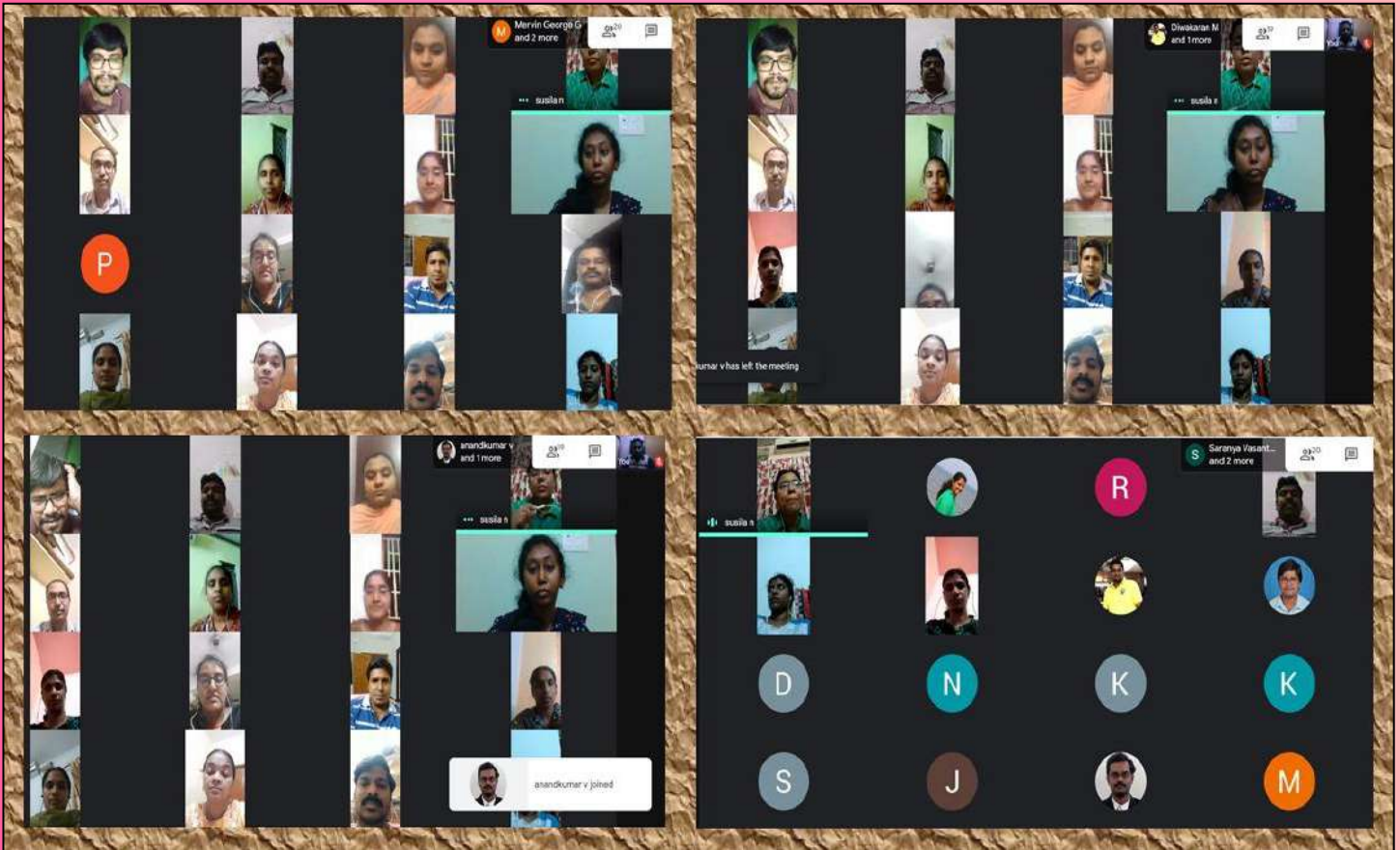
## CSE | FACULTY MEETING – 04.05.2020



**Dr.K.Sasi Kala Rani**, Head of the Department, **CSE** convened a meeting with the faculty members on **04.05.2020** today through WebEx Meet. Digital Teaching Learning and Preparedness of Best Video Lectures of Experts all over the World were the discussion points.

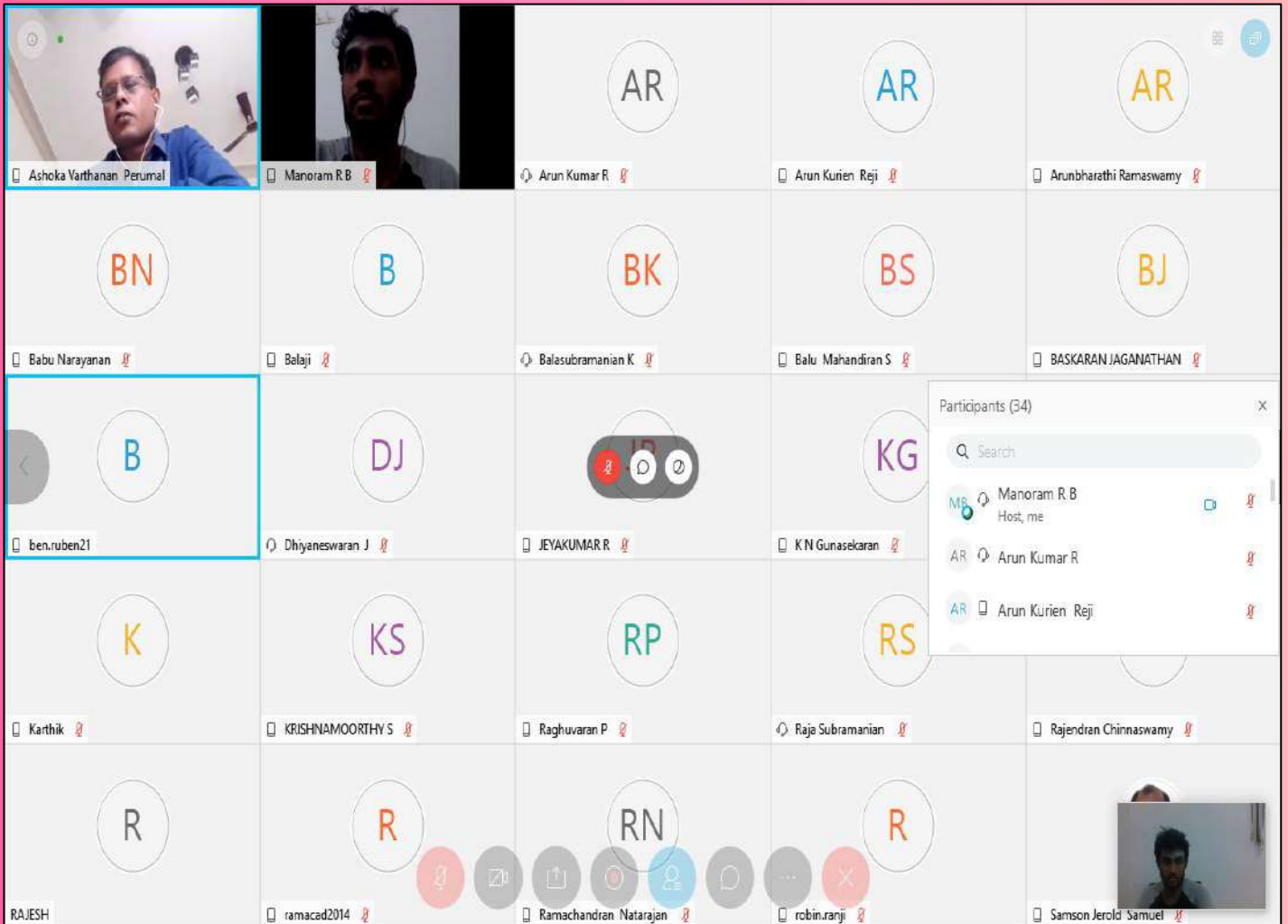


**IT | DEPARTMENT MEETING - 05.05.2020**



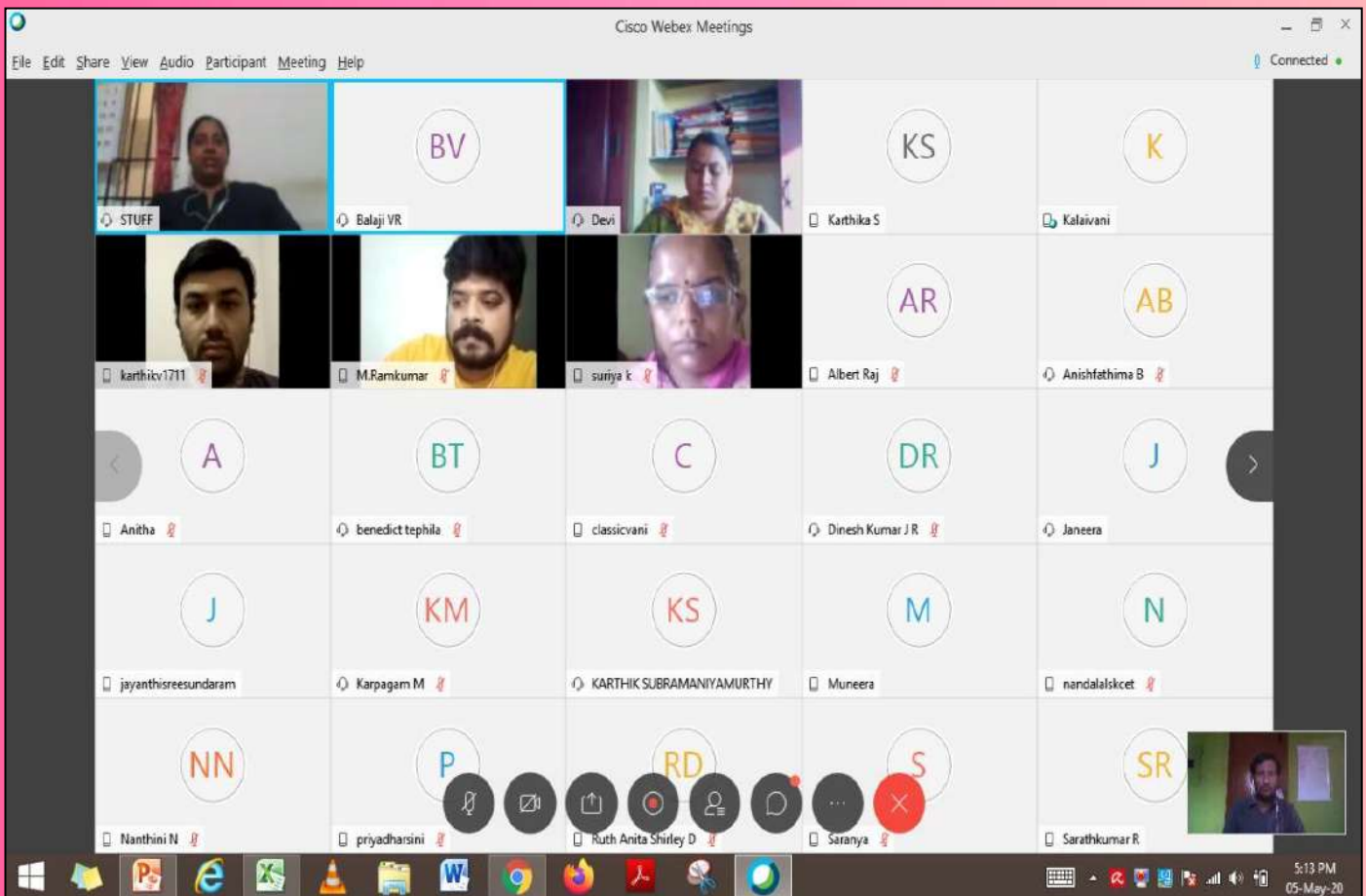
**Dr.N.Susila**, HOD, Information Technology convened a meeting with the faculty members on 05.05.2020. Key points discussed were on the guidelines for preparation of course materials for the upcoming academic year.

## MECH | FACULTY MEETING – 05.05.2020



**Dr. P. Ashoka Varthanan**, Head of the Department, Mechanical Engineering convened a meeting with the faculty members on 05.05.2020 via WebEx app. Creation of Google classroom, Mapping of videos to each topics and forthcoming Webinars were the topics discussed during the meeting.

## ECE | FACULTY MEETING – 05.05.2020



**Dr. S.Sophia**, Head of the Department, ECE convened a meeting with faculty members on **05.05.2020** via webex app to discuss the following agenda: Preparedness for next semester, Mapping lecture videos of eminent universities, Creation of Google Classroom, Conduct of BoS, PPT and content preparation for subjects in the upcoming semester, Introduction of Google Meet and Student Engagement during the Lockdown period.



## CIVIL | FACULTY MEETING – 06.05.2020

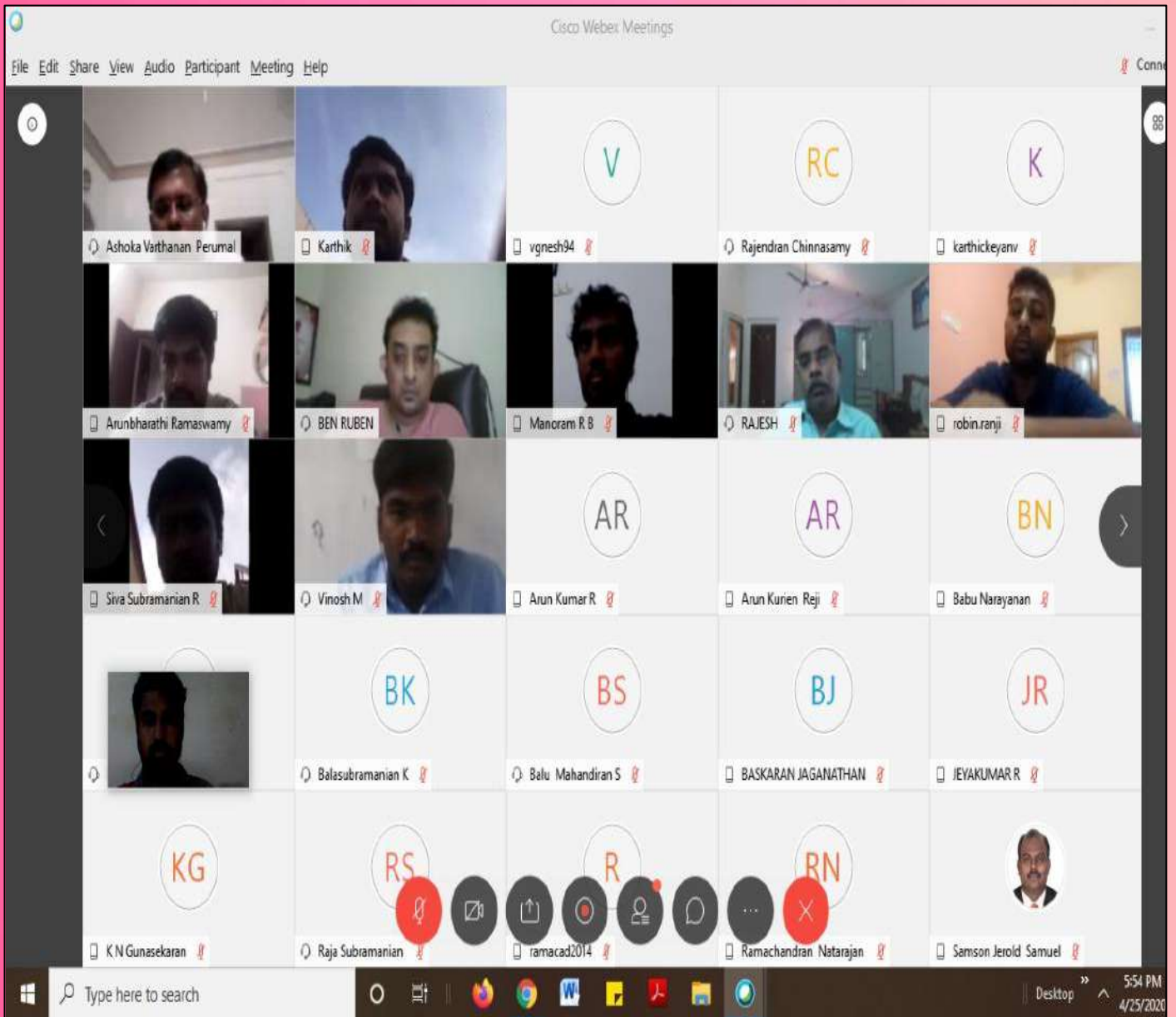
Revised Bloom's Taxonomy	Continuous Assessment			End Semester Examination (Theory) [50 Marks]
	CIA-I [10 marks]	CIA-II [10 marks]	CIA III [10 marks]	
Remember	10	10	10	10
Understand	10	10	10	10
Apply	80	30	80	40
Analyse	-	50	-	40
Evaluate	-	-	-	-
Create	-	-	-	-

CO	PO										PSO				
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3
1	3	2	1	1	-	1	3	2	1	1	-	2	1	-	2
2	3	2	1	1	-	1	3	2	1	1	-	2	1	-	2
3	3	3	2	2	-	1	3	2	1	1	-	2	1	-	2
4	3	3	2	2	-	1	3	2	1	1	-	2	1	-	2
5	3	3	2	2	-	1	3	2	1	1	-	2	1	-	2
6	3	2	1	1	-	1	3	2	1	1	-	2	1	-	2
Avg	3.0	2.5	1.5	1.5	-	1.0	3.0	2.0	1.0	1.0	-	2.0	1.0	-	2.0
1	Reasonable Agreed					2	Moderately Agreed					3	Strongly Agreed		

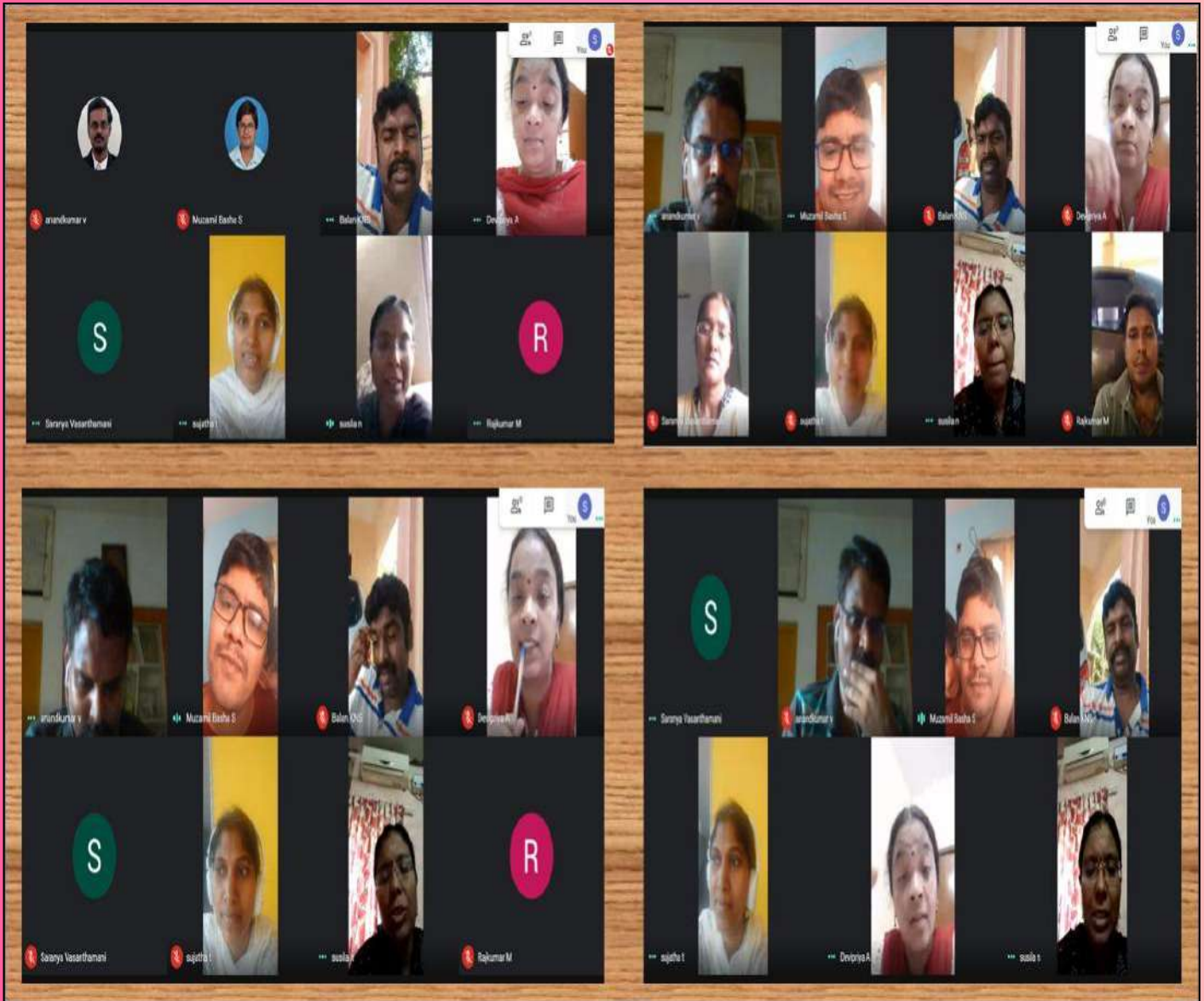
Dr.D.Maruthachalam, Head of Civil Department convened a meeting with the faculty members on **06.05.2020**. CO –PO mapping, Academic Preparations (2020 - 21), Video Material Preparations / Collection, R & D (Scopus Journal papers/ Proposals/Patents), and Students Effective participation for placement activities were the points discussed.

## MECH | CLUSTER HEADS MEETING – 06.05.2020



Domain heads of Mechanical Engineering convened a meeting with the faculty members of their domains in the presence of **Dr. P. Ashoka Varthanan, HoD**. They discussed the video mapping for each courses of forthcoming semester.

## IT | CLUSTER HEADS MEETING -07.05.2020



**Dr.N.Susila, HOD, Information Technology** convened a meeting with the cluster heads on **07.05.2020** Points discussed: status of scrutinizing and consolidating the video links for the online classes for the upcoming academic year.

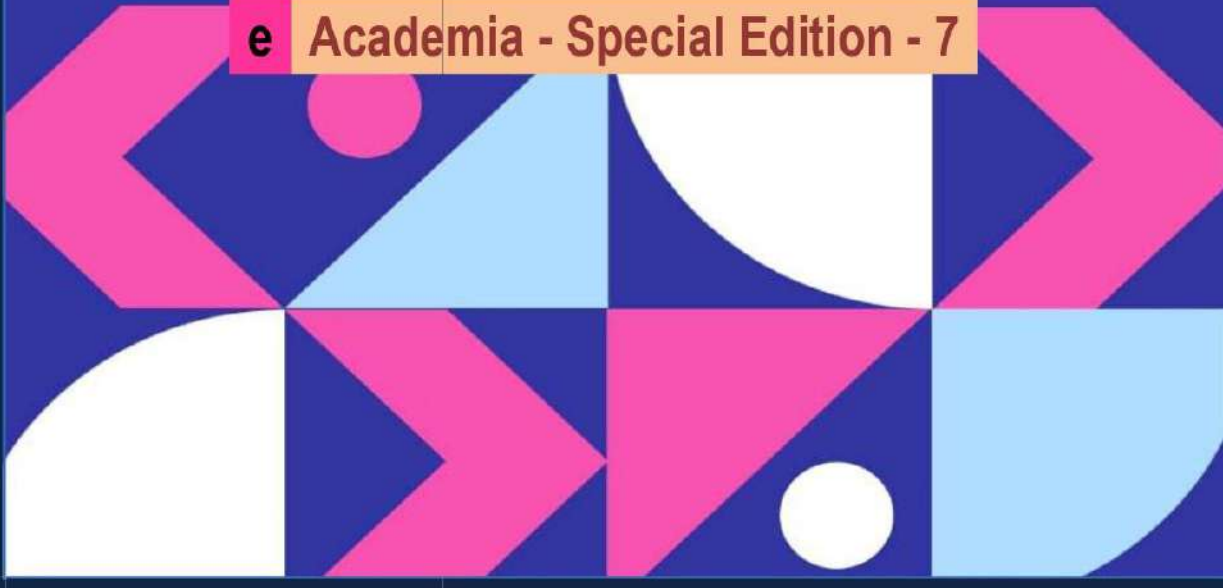




# WEBINARS ON CORE ENGINEERING



e Academia - Special Edition - 7



## #1 ECE | IMAGE PROCESSING AND COMPUTER VISION

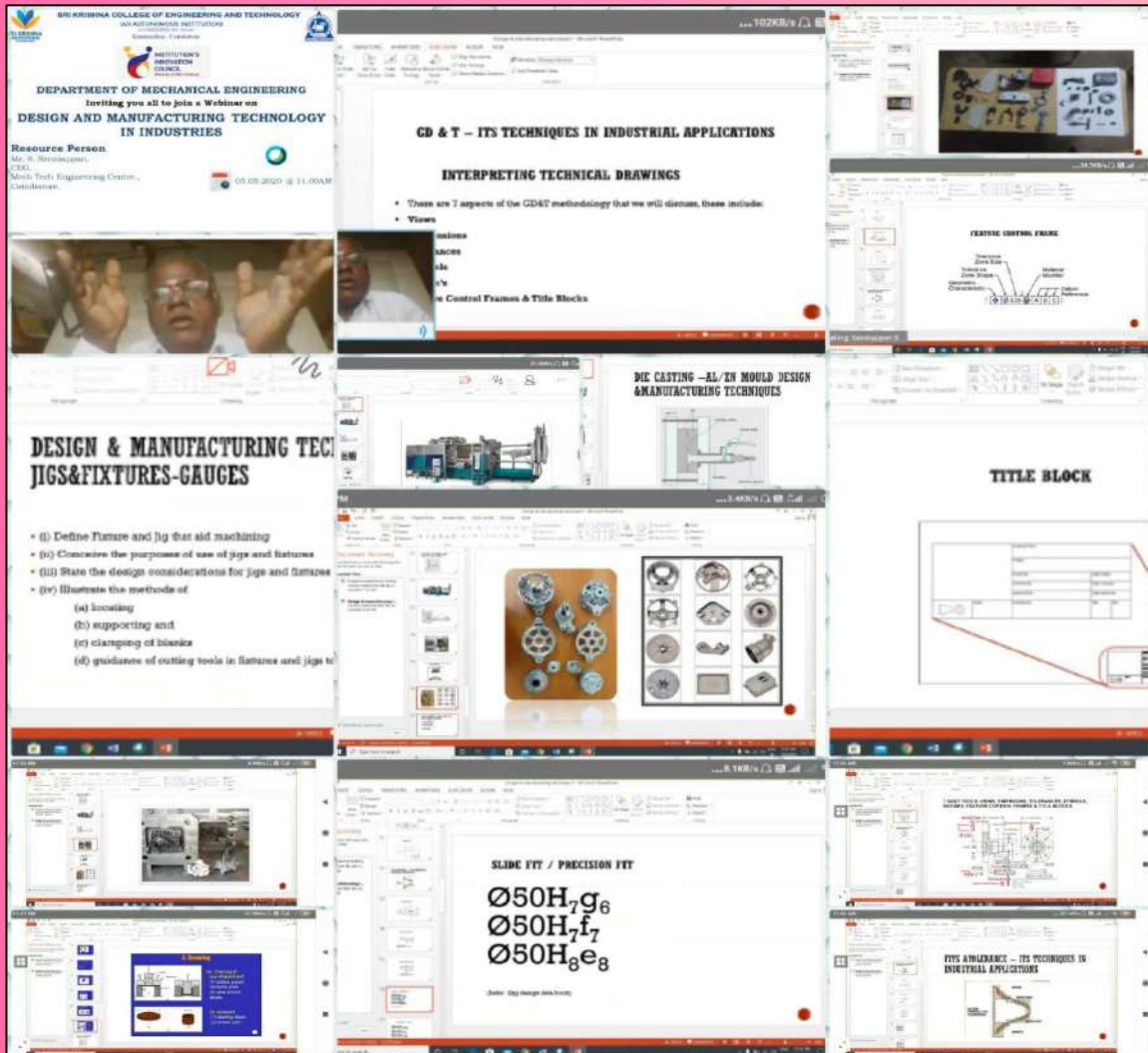


Faculty members of **ECE** Department attended a webinar on “**Image Processing and Computer vision with MATLAB**”.

Resource person: **Mr.Johanna Pingel**, Mathworks.

**Highlights of the session:** Apps for Exploration and Preprocessing, Object Detection, Deep learning techniques, 3D Volume Visualization and Segmentation and OpenCV algorithms.

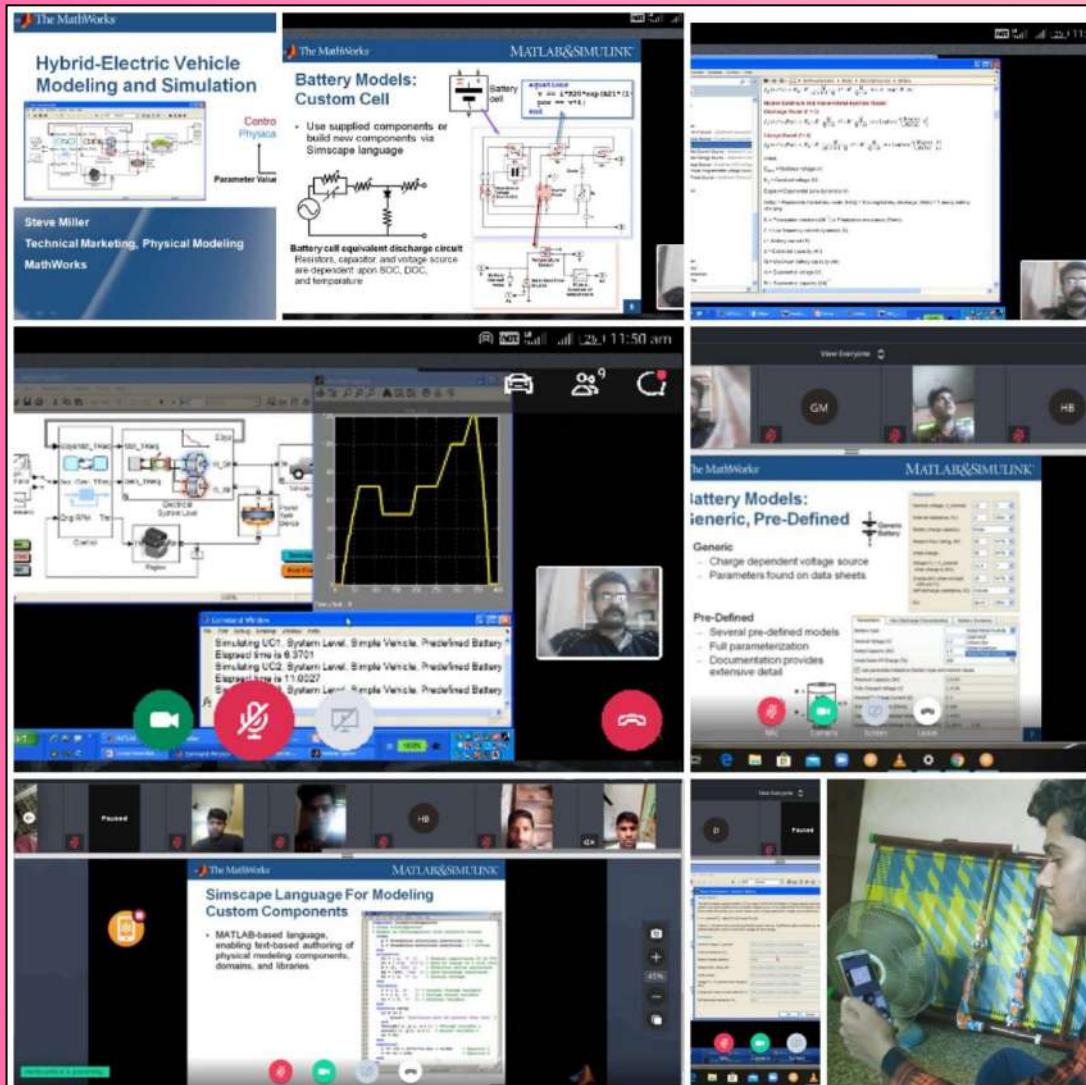
## #2 MECH | DESIGN AND MANUFACTURING TECHNOLOGY IN INDUSTRIES



Department of Mechanical Engineering organized a webinar on the topic “**Design and Manufacturing Technology in Industries**” on 05.05.2020. **Mr. S. Senniappan**, CEO, Mech Tech Engineering center Coimbatore was the resource person for the session. The resource person discussed the Geometric Dimensioning and Tolerance Techniques, Types of fit, symbol for Tolerance, Feature Control Frame and application of GD&T Techniques in manufacturing Industry.



## #3 EEE | HYBRID ELECTRIC VEHICLE MODELLING AND SIMULATION



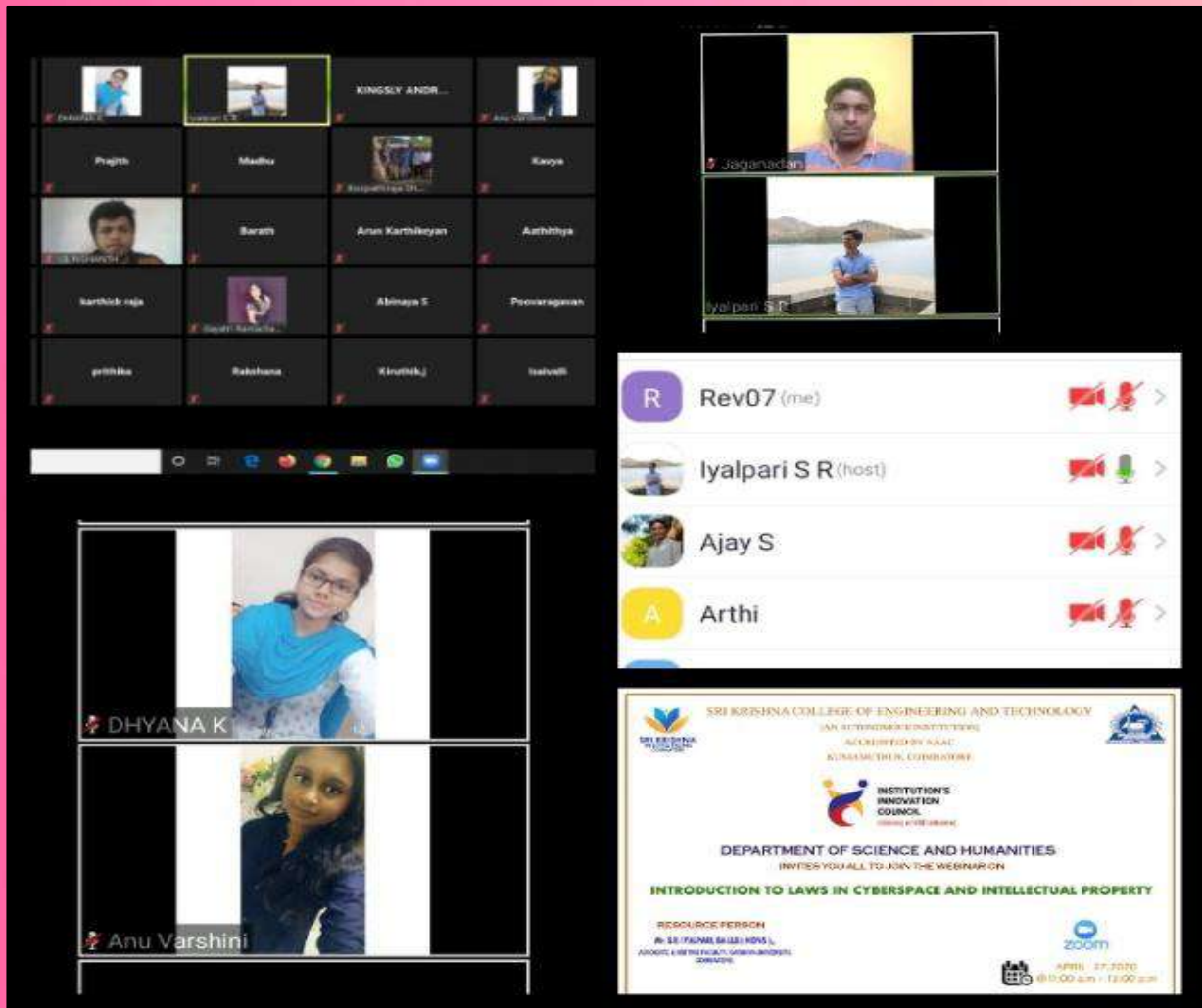
Department of EEE organised a Webinar for III EEE students on **Hybrid Electric Vehicle Modelling and Simulation** on 06.05.2020 by **Mr. Steve Miller**, Technical Marketing, Mathworks. The expert discussed the overview of Use of Optimization Algorithm, Integration with MATLAB and Simulink, Plug-in Hybrid Electric Vehicles and Hybrid and Battery Electric Vehicles.

# #4 MCT | LATEST GENERATION OF WELDING PROCESS

A Webinar was organized for the **Third and Fourth** year Mechatronics Engineering students on **Latest Generation of Welding Process and career opportunities** on 04.05.2020. **Mr A Suman**, Application Engineer, Area Sales Manager, Fronius India Pvt. Ltd, Chennai was the resource person. Welding and its types, Robotic welding and Laser Welding, Career opportunities for Mechatronics Engineers in robotic welding and Usage of weldconnect app were some of the points discussed.



## #5 S&H | CYBERSPACE AND INTELLECTUAL PROPERTY



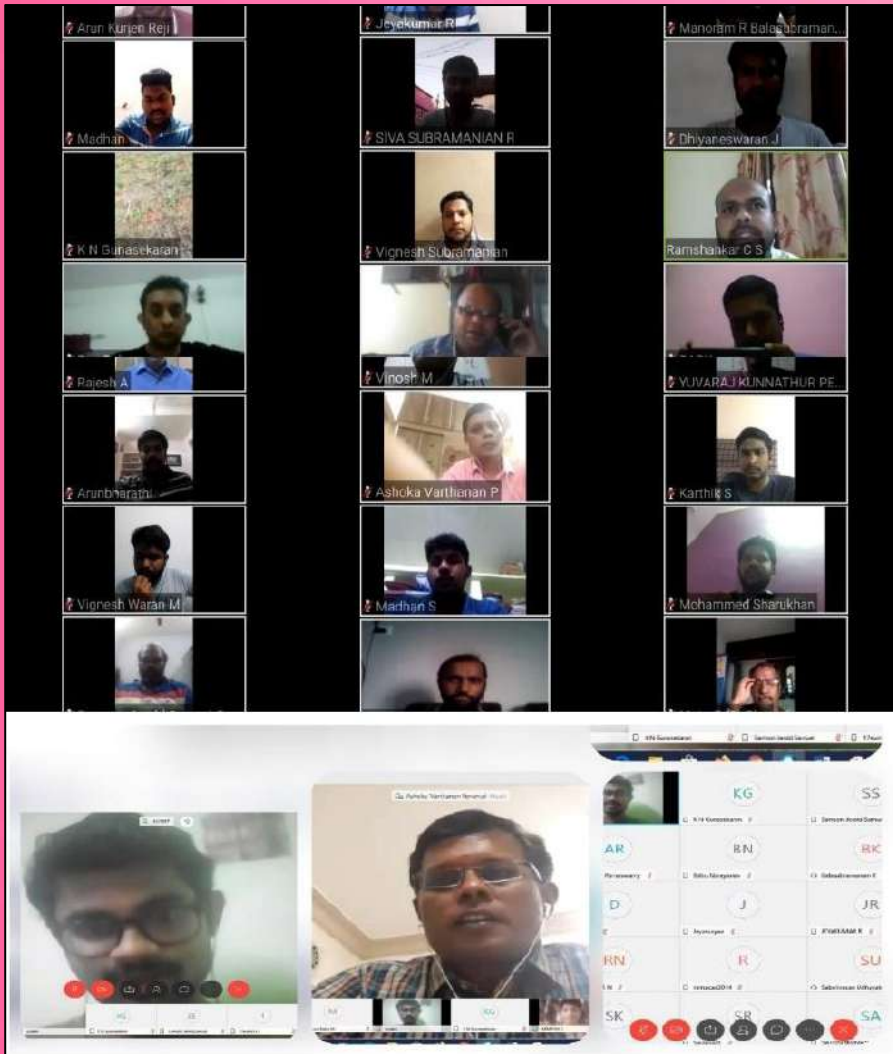
Institution’s Innovation Council (IIC) of SKCET and the Department of **Science and Humanities** organized a webinar on “**Introduction to Laws in Cyberspace and Intellectual Property**” on 27.04.2020. **Mr.S.R. Iyalpari**, Advocate & Visiting faculty, Karunya University, Coimbatore was the resource person of the session. The **First year EEE** students and faculty members joined the session via Zoom platform. The session focused on efficient and secured usage of social media and Intellectual property.



# #6 EEE | EMBEDDED CONTROL SYSTEM

Department of EEE organised a Webinar for III EEE students on **Embedded Control System** on 04.05.2020 by **Mr. Robert Van Rooyen**, Principal Engineer, BAAR group. The expert discussed the overview of Closed loop prerequisites, PID Controller, Position and Measurement trace and Application modification.

## #7 MECH | MODERN TECHNOLOGIES IN FOUNDRY



Department of Mechanical Engineering organized a webinar on the topic "**Modern Technologies in Foundry**" on 01.05.2020. **Mr. M. Suresh**, Technical Expert from a leading MNC was the resource person for the session. He discussed the modern technologies used in present manufacturing and foundry Industries and shared valuable inputs regarding core placements.



# #8 ECE | IMPACT OF AUTOMATION IN INDUSTRIES



Department of **ECE** organized an Online Guest Lecture titled “**Impact of Automation in industries**” for **Second and Third** year ECE students. Resource person was **Mr. N. A. Srinath**, Assistant Manager, Jayaswal Neco Industries Limited, Raipur, Chhattisgarh. Challenges faced by Steel plants, Automation tools replacing traditional methods in Steel plants and Latest techniques used for Automation were the key points discussed.





# RESEARCH & DEVELOPMENT



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# R&D JOURNAL PUBLICATION- ECE

**TEST**  
Engineering & Technology

ISSN: 0193-4120 Page No. 17976 - 17981 March-April 2020

### A Compact Hexa-Linear Polarization Reconfigurable Patch Antenna

K.Suriya, Assistant Professor Department of ECE Sri Krishna College of Engineering and Technology  
Dr.S.Sophia, Professor and Head Department of ECE Sri Krishna College of Engineering and Technology

**Article Info**  
Volume 83  
Page Number: 17976 - 17981  
Publication Year: March - April 2020

**Article History**  
Article Received: 24 July 2019  
Revised: 12 September 2019  
Accepted: 13 February 2020  
Publication: 30 April 2020

**Abstract:**  
This research work proposes a compact hexa-linear, circular patch polarization switchable antenna that operates in six different linear polarization states through a reconfigurable feed network. Compact size is achieved by means of four thin spaced equally on the boundary of the circular radiating patch. Six different linear polarization states at 30° intervals between each other are obtained by regulating the bias voltages of six PIN diode pairs. The proposed antenna was designed, fabricated and tested, which produces desired performance with compact size. The proposed antenna operates in 2.4-2.5 GHz frequency range with 5 dBi peak gain.

**Keyword:** Circular patch, hexa-linear polarization, Compact size, reconfigurable feed network.

**Introduction:**  
Reconfigurable antennas are given more importance in the recent research scenario which can change their radiating topology with respect to frequency, radiation and polarization without compromise in the size and gain performances. Polarization switchable antennas play a significant part in the modern world of wireless communication system with its advantages like improving signal reception in multipath propagation environment by reducing fading loss and frequency reuse to improve system capacity which is applied in microwave tagging systems.

Polarization reconfiguration is possible through many ways either by using switching elements like PIN and Varactor diodes, MEMS and RF switches etc. which alters the internal structure of the antenna or with the help of tunable feeding network. A compact reconfigurable square patch antenna with two notches cut at opposite angles with PIN diodes placed at each notch was implemented in [1] to produce linear and circular polarization states. Reconfigurable patch antennas using different types of slots were proposed in [2]-[4]. In [5], a slot loop antenna producing polarization diversity using varactor diodes was implemented. Aperture coupled polarization reconfigurable antennas were presented in [6]-[7]. In [8], an aperture coupled reconfigurable square patch antenna with dual ports operating at 2.4 GHz was proposed. Aperture coupled square quadri-polarization diversity reconfigurable patch antenna using PIN diodes was implemented in [7]. A square patch antenna fed on the ground plane by a T-shaped network with a square ring slot using PIN diodes was proposed in [8]. A double layer stacked antenna structure was presented in [9]. A switchable square shaped patch antenna using metasurface and switchable feeding probes was implemented in [10]. Quad-polarization reconfigurable antennas were proposed in [11]-[15]. Quadri-polarization reconfigurable antennas with switchable feeding network producing two linear and two circular polarization states were presented in [11]-[12]. Multi-linear polarization reconfigurable antennas operating at different linear states were implemented in [13]-[15].

A compact reconfigurable circular patch antenna design is described in this work that switches between six linear polarization states with the help of a switchable feed network. 12 % size reduction is achieved by incorporating four slits of equal length at 90° interval on the patch borderline.

Published by: The Manningly Publishing Co., Inc. 17976

**Dr.S.Sophia, HoD, ECE and Ms. K. Suriya Assistant Professor, ECE** have published a paper titled **“A Compact Hexa - Linear Polarization Reconfigurable Patch Antenna”** in Test Engineering and Management, a Scopus indexed journal.

# R&D JOURNAL PUBLICATION- EEE

IEEE PHOTONICS TECHNOLOGY LETTERS, VOL. 32, NO. 10, MAY 15, 2020

### Dual-Core Twisted Photonic Crystal Fiber Salinity Sensor: A Numerical Investigation

K. C. Ramya, Vishal E. Motiani<sup>1</sup>, Member, IEEE, R. Maheswari<sup>2</sup>, and Vigneshwar Dhanraj<sup>3</sup>

**Abstract**—The amount of salt dissolved in a body of water is an important factor in determining physical characteristics like the heat capacity of the water. Here, we report a theoretical and numerical investigation on a salinity sensor using a dual-core twisted photonic crystal fiber (PCF). The sensing mechanism is based on interplay between their fundamental modes in the straight core and a secondary mode in the twisted field of the PCF. Using finite element method analysis with COMSOL Multiphysics Software, we show that a spectral sensitivity larger than 2000 nm/‰ can be achieved while varying the salt concentration from 0‰ to 10‰. Furthermore, we demonstrate that the sensitivity for highly saline water bodies can be further improved by applying the permanent twist on the shunting air holes of the fiber. We studied the role of the twist direction and twist ratio on the performance of the sensor including sensitivity and the absolute bias signal. While the twist does not have any major impact on sensitivity of the sensor for low salinities, our results indicate that twisted PCF has an average higher sensitivity for salt concentrations over 5‰ and a maximum sensitivity of nearly 7000 nm/‰ is reported around 10‰ concentration of NaCl.

**Index Terms**—Salinity sensor, photonic crystal fiber, twisted fiber, refractive index sensor, dual-core fiber.

**I. INTRODUCTION**  
SALINITY is one of the most important parameters in oceanography as it reflects the state of the marine environment [1]. Even though seawater in the world's oceans has an average salinity of 3.5‰, seawater is not uniformly saline throughout the world and has a salinity between about 0‰ and 40‰ [2]. Some researchers make use of even more saline waters in different applications like mining and

thermo-electric power by increasing the seawater salt levels to higher values [3]. Therefore, a reliable and accurate measurement of water salinity plays a crucial role in industrial research and environmental monitoring applications including controlling the seawater, reduce the hazards for the coastal communities and management of the marine resources [4]-[6]. Electronic-based conventional salinity sensors exhibit the limitation by probing the electrical conductivity of the seawater [4]. The commercially available electronic-based salinity sensors are usually a part of the CTD (conductivity, temperature, depth) probes. However, there are a few substantial problems associated with the use of CTD in salinity sensors. The most important problems are the complicated structure of CTD due to sensitivity to water velocity, difficulties for transportation, low sensitivity to salinity and also zero sensitivity to non-conductive part of dissolved substances in the seawater which makes CTD a poor ideal candidate to track the changes in seawater salinity [7]-[9].

In the past few years and with the advances in fiber-optic technology optical fiber salinity sensors have been receiving attention in both academia and industry as an attractive alternative to CTD devices. An optical fiber-based refractive index (RI) sensors are already taken into practice; salinity information can be obtained by measuring the RI of the seawater [10]-[12]. Currently, optical fiber salinity sensors include the conventional grating interferometers, refractive index resonators, fiber-based Bragg gratings, fiber-based phase-matched fibers, tapered fibers and photonic crystal fibers (PCFs) [13]-[15].

Instead of these candidates, PCFs can offer highly sensitive fiber-based sensors, increase optical properties and a simple fabrication process which make them one of the most promising candidates to replace CTDs [7]. PCFs are usually formed of a core (like a regular optical fiber) and an array of micro-structured air holes which can perform as the shunting with an effective refractive index (as effective refractive index fiber) [16]. The air holes (formants) and the size of air holes can offer a great deal of flexibility in terms of the design of the optical fibers and manage the optical properties which is highly desired in sensor design [8].

Recently, to new class of PCFs with twisted core has been studied theoretically and experimentally [9], [18]. In particular, recently twisted PCFs exhibit several unusual properties related to their helical symmetry which provides even more opportunities for light manipulation. The idea of twisting fiber structures is fundamentally interesting because it enables creating modes with an optical angular momentum (OAM) and controlling the state of polarization and the fiber's optical activity [9], [17]. For example, the single mode propagation can be maintained for high normalized frequencies

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Color versions of one or more of this figure in this letter are available at <http://ieeexplore.ieee.org>.

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**Dr. K. C. Ramya, HOD, EEE** has published a paper entitled **“Dual-Core Twisted Photonic Crystal Fiber Salinity Sensor: A Numerical Investigation”** in IEEE Photonics Technology Letters, VOL. 32, NO. 10, MAY 15, 2020. It is SCI and Scopus indexed journal (Impact factor: 2.553).

## R&D | JOURNAL PUBLICATION- MECH



**Mr. Siva Subramanian R**, Assistant Professor – Department of Mechanical Engineering along with students from Final year Mechanical Engineering **Kumaresan.G**, **Palanivel.R**, **Nishanth Kalathil.P**, **Nirmal.B** have published a paper entitled “Comparative performance analysis of parabolic trough solar collector by varying absorber surface” in **Materials Proceedings**, a Scopus Indexed Journal.

## R&D | JOURNAL PUBLICATION- MCT



**Ms. NithyaPriya S**, and **Ms.Kannaki S**, Assistant Professors, Department of MCT have published a paper entitled “**Automated Plough Assistance in Tractor**” in International Journal of Advanced Science and Technology, Vol.29, No 7(2020) Pp.131- 140, April 2020. It is a Scopus indexed journal.





## R&D | JOURNAL PUBLICATION - CSE

# Hybrid software reliability model with Pareto distribution and ant colony optimization (PD-ACO)

Sudharson D, Prabha Dr ▾

International Journal of Intelligent Unmanned Systems

ISSN: 2049-6427

Publication date: 20 April 2020 [Reprints & Permissions](#)

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**Dr.D.Prabha**, Department of CSE has published a paper titled "**Hybrid software reliability model with Pareto distribution and ant colony optimization (PD-ACO)**" in the International Journal of Intelligent Unmanned Systems. ISSN: 20496435. It is Scopus, WOS and SCI indexed journal.

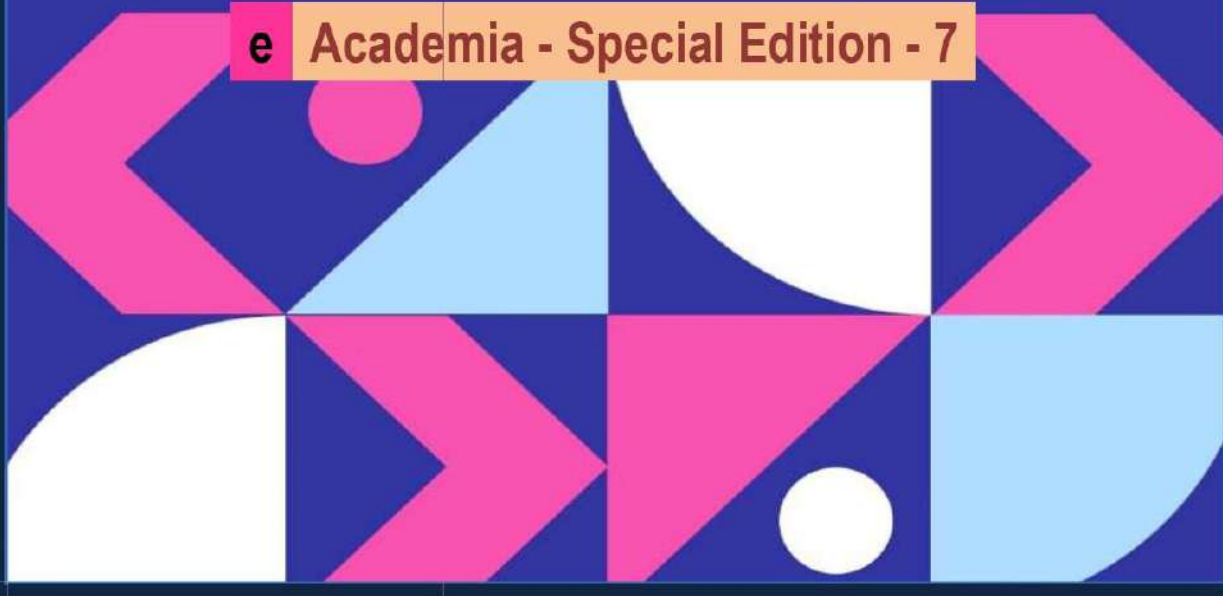
Link: <https://www.emerald.com/insight/content/doi/10.1108/IJIUS-09-2019-0052/full/html>



# STUDENT CERTIFICATIONS



e Academia - Special Edition - 7





## S&H| STUDENT COURSERA CERTIFICATIONS



**Pradeep.B**, student of **First year IT B** has **successfully** completed the course **Programming for Everybody (Getting Started with Python)**, an online non-credit course authorized by **University of Michigan** offered through **Coursera**.

**Kavinaya.V**, student of **First year ECE B** has completed the **Programming Fundamentals**, an online non-credit course authorized by **Duke University** offered through **Coursera**.



**Anbirkinian Kannan**, student of **First year CSBS** has completed **“Introduction to HTMLs”**, an online non-credit course authorized by **University of Michigan** offered through **Coursera**.



# CSBS| STUDENT COURSERA CERTIFICATIONS



**Praveen Chandar P, student of Second year CSE C (TCS) has completed 3 certification courses – R Programming, Python Data Structures and Blockchain Basics offered through Coursera.**

## CIVIL | NEXA SAFETY CERTIFICATIONS



S.NO	STUDENT NAMES	TITLE	CERTIFICATION
1.	H.Abdul Wahaab	Fire Safety Management	NEXA, DISH Approved Training Institute certification for construction Safety Management
2.	Gitanjali D		
3.	Yamini S P		
4.	E.S.Archana		
5.	J Wilfred Jeffrey		
6.	Gurugowtham GK		

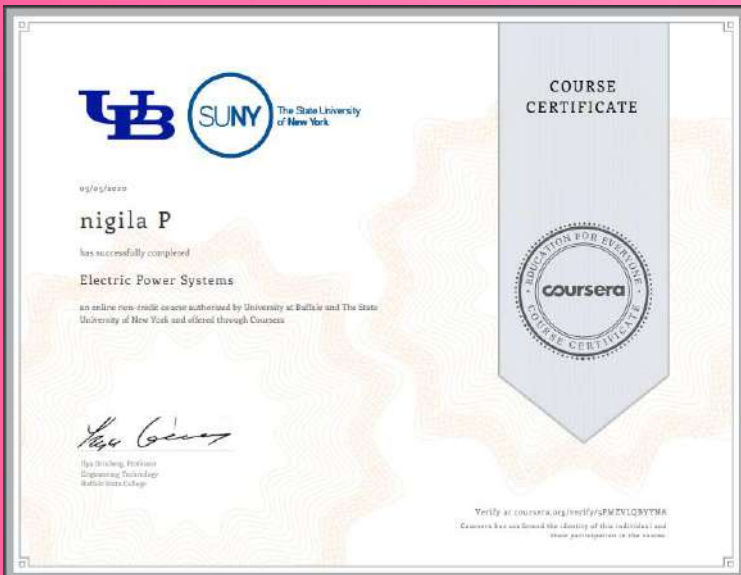


## MCT | STUDENT SOLOLEARN ONLINE COURSE



**Dhelipkumar S, second year MCT has completed 'Python 3 Tutorial' course offered by Sololearn.**

## EEE | STUDENT COURSERA CERTIFICATIONS



**P. Nigila and A. Meenakshi Sundaram, II year EEE students have completed Electric Power System and Introduction to the Internet of Things and Embedded Systems Course through Coursera.**

## CIVIL | CHEMICAL SAFETY CERTIFICATION BY STUDENTS

S.NO	NAME	TITLE	CERTIFICATION
1.	Yamini S P	COSHH Awareness	International Association of Chemical Safety Certification
2.	E.S.Archana		
3.	Chithambaranatha		
4.	J Wilfred Jeffrey		
5.	Meena K	COSHH Risk Assessor	
6.	Gitanjali D		
7.	Gurugowtham G K		
8.	Gausikan R		
9.	H.Abdul Wahaab		
10.	R Balaji	Health and Safety Induction	



# CIVIL | CHEMICAL SAFETY CERTIFICATIONS





## ECE | SWIFT UI-CERTIFICATIONS



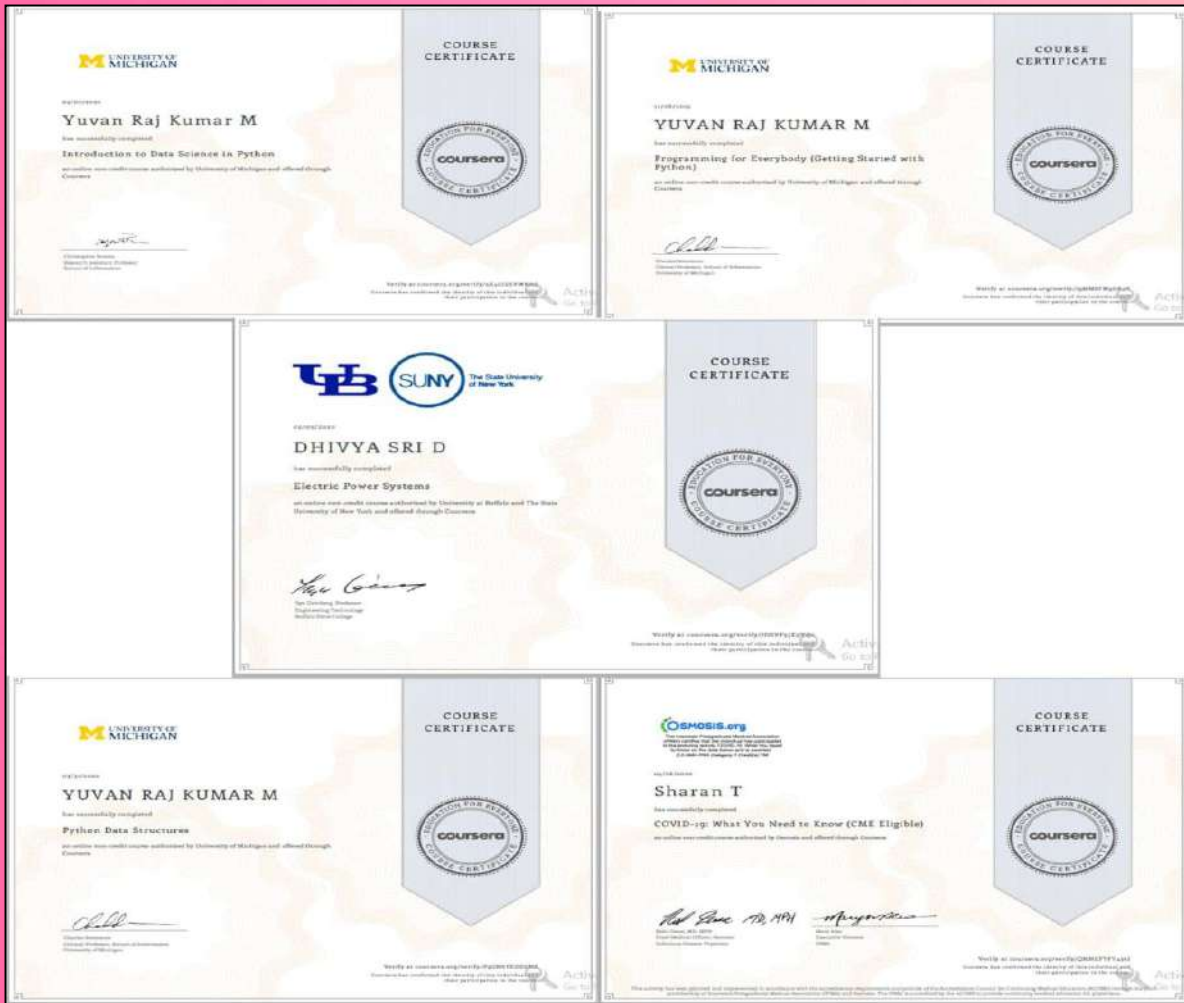
**S. Udaya**, Student of **ECE** Department participated in **Build Apps Swiftly with SwiftUI** and **The Art of Clean Code** organized by Learn with Community on 25.04.2020 and 28.04.2020.

## CSBS|COURSERA CERTIFICATION

**Sanchita T**, student of **Second CSE C (TCS)** has successfully completed the course **“Fundamentals of Graphic Design”**, by Calarts offered through Coursera.



## EEE | STUDENT COURSERA CERTIFICATIONS



- **Yuvan Rajkumar M**, III Year EEE student has completed four weeks Coursera Online Course on **Introduction to Data science in Python**, four weeks Coursera Online Course on **Programming for Everybody (Getting started with python)** and six weeks Coursera Online Course on **Python data Structures**.
- **Sharan T**, III Year EEE student has completed four weeks Coursera Online Course on **COVID-19: What You Need to Know (CME Eligible)**.
- **Dhivya Sri D**, III Year EEE student has completed four weeks Coursera Online Course on **Electric Power Systems**.

## S&H | STUDENT COURSERA CERTIFICATION



**Poovitha. G**, student of **First year ECE B** has completed 'Introduction to the Internet of Things and Embedded Systems', an online non-credit course authorized by **UCI, University of California, Irvine** offered through Coursera.

## S&H| STUDENT MATHWORKS CERTIFICATION



**Keerthana. S** and **Kavya. S**, students of **First year IT B** have completed a course on **Deep Learning On ramp** on 05.05.2020 organized by **MathWorks, Training Services**.



# MECH | STUDENT MOOC CERTIFICATIONS



Students from the department of Mechanical Engineering completed MOOC courses from various platforms:

STUDENT	COURSE	PLATFORM
Rathish R (III Mech C)	COVID – 19: What you need to know	Coursera
Mohammed Sharukhan I (III Mech B)	Business English: Management and Leadership	Coursera
Mowyanivesh P (III Mech B)	Advanced Surfacing	Dassault Systems
	Additive Manufacturing	
	Advanced Drawing Tools	Google Digital unlocked
	The Fundamentals of Digital Marketing	
Rithish Krishna V Raja (III Mech C)	Digital Manufacturing and Design	Coursersa
Kavin Jeysingh I K (III Mech B)	Mechanical Design	Dassault Systems
Rushil Infant (III Mech C)	Programming for Everybody	Coursera
Kavin Kumar P	Career Edge – Knockdown the Lockdown	TCSION
	Industry 4.0	TATA Steel
	Compressor	
	Entrepreneurship	CISCO Networking Academy
	3 Days Webinar on Formula Race Car	Elite Techno Groups
	4 Days Webinar on Suspension Dynamics and Design	

# CIVIL | STUDENT MOOC CERTIFICATIONS



S.No	Student Names	Title	Certification
1.	Nandha Kumar M	Air Poluution- A Global Threat to our Health	Coursera
2.	Aadhish B K	Project Management for Beginners	PMI
3.	Aadhish B K	Project Management Professional (PMP)	LinkedIn Learning

## EEE | STUDENT MOOC CERTIFICATIONS



- **Gokularaja R**, II Year EEE student has completed four weeks Coursera Online Course on **Electric Power Systems**.
- **Kavya M**, II Year EEE student has completed two hours Mathworks Online Course on **Machine Learning Onramp**.
- **Nithish Kumar**, II Year EEE student has completed four weeks Coursera Online Course on **Reliable Google Cloud Infrastructure: Design and Process**.
- **Ajay D**, II Year EEE student has completed two hours Mathworks Online Course on **Deep Learning Onramp**.



# S&H| STUDENT LEARNQUEST CERTIFICATIONS



S.No	NAME OF THE STUDENTS	NAME OF THE COURSE	CERTIFICATION
1	Anish N D	Cloud Computing Basics (Cloud 101)	Learn Quest
2	Priya K		
3	Pooja R		
4	Jaisakthi K		
6	Krishna G		
7	AmrithyaMuralikrishnan		
8	Anbirkinian Kannan		
9	Madhavarman V		

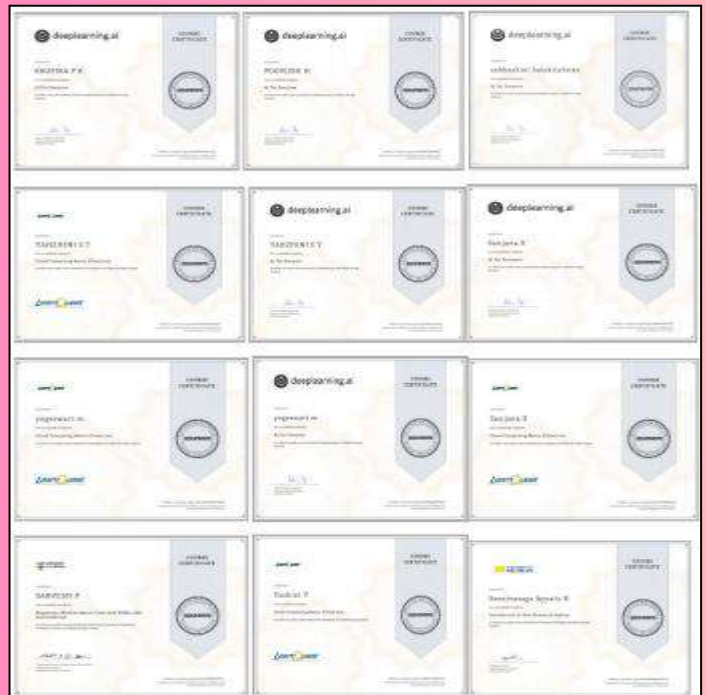
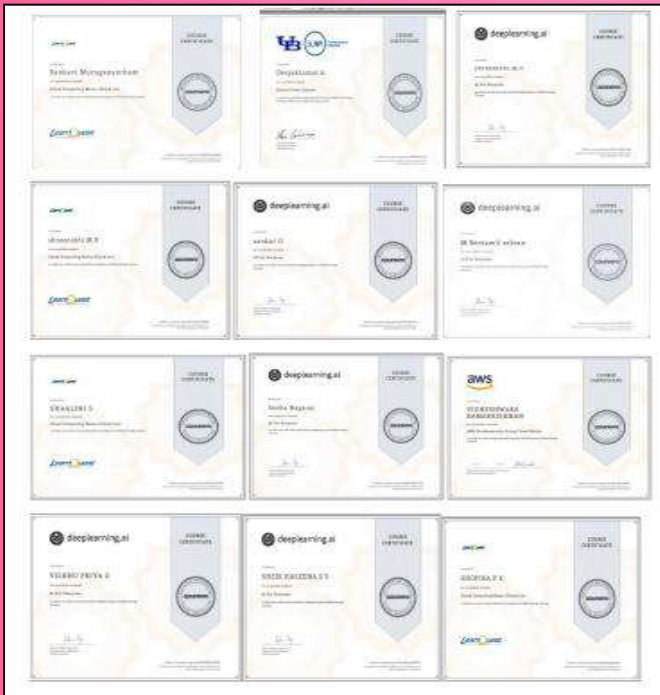
## ECE | STUDENT COURSERA CERTIFICATIONS

**“Lockdown is not a break for Knowledge”.**

Students from the Department of ECE have completed various courses offered through Coursera.

S.No	Name of the Student	Name of the Course	University
1	Deepak	Electric Power Systems	The State university of New York
2	Sankavi M	Cloud Computing Basic	Learn Quest
3	Sankar	AI for Everyone	Deeplearning.ai
4	Shreenidhi M.V	AI for Everyone	Deeplearning.ai
5	Senthamilselvan M	AI for Everyone	Deeplearning.ai
6	Shreenidhi M.V	Cloud Computing Basic	Learn Quest
7	Shaalini	Cloud Computing Basic	Learn Quest
8	Vigneshwara	AWS Fundamental using : Going Cloud Native	AWS
9	Sneha N	AI for Everyone	Deeplearning.ai
10	Vishnu Priya	AI for Everyone	Deeplearning.ai
11	Sheik Haseena	AI for Everyone	Deeplearning.ai
12	Shopika	AI for Everyone	Deeplearning.ai
13	Shopika	Cloud Computing Basic	Learn Quest
14	Poovizhi H	AI for Everyone	Deeplearning.ai
15	Subhashini	AI for Everyone	Deeplearning.ai
16	Yahzhini ST	AI for Everyone	Deeplearning.ai
17	Yahzhini ST	Cloud Computing Basic	Learn Quest
18	Sanjana S	AI for Everyone	Deeplearning.ai
19	Yogeswari	Cloud Computing Basic	Learn Quest
20	Yogeswari	AI for Everyone	Deeplearning.ai
21	Sanjana S	Cloud Computing Basic	Learn Quest
22	Sarvesh	Responsive Website Basics: Code with HTML, CSS, and JavaScript	University of London
23	Yazhinni V	Cloud Computing Basic	Learn Quest
24	Seenivasaga Ayyalu R	Introduction to Data Science in Python	University of Michigan

# ECE | STUDENT MOOC CERTIFICATIONS



# CSBS|TCS iON ONLINE CERTIFICATION

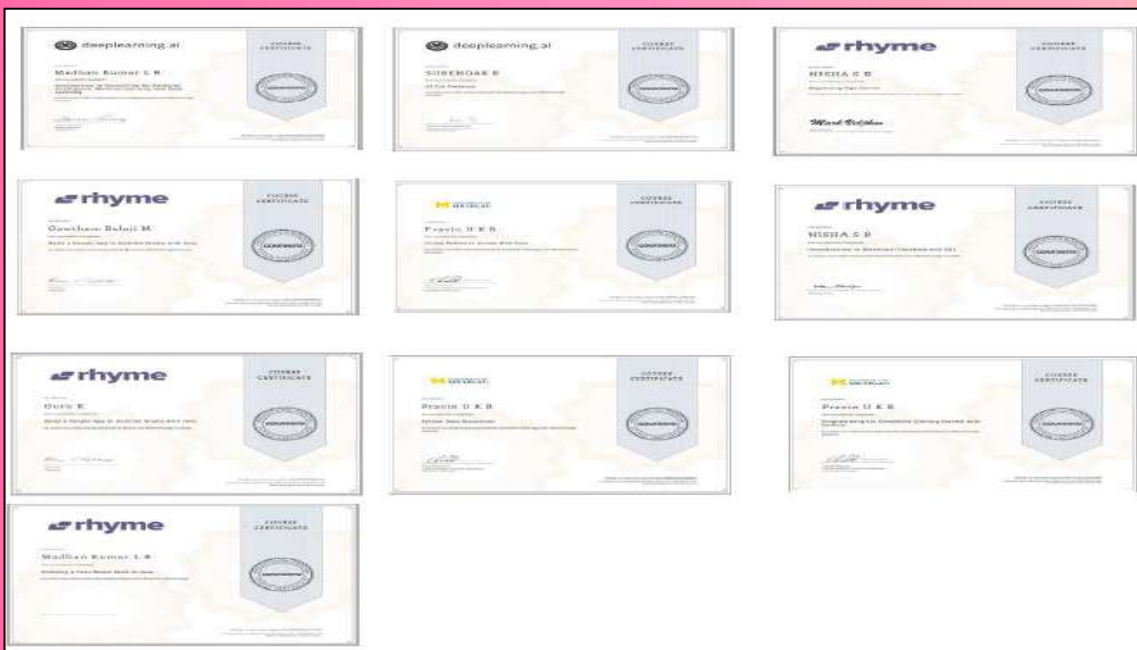


**Sakthivel R, student of Second year CSE C (TCS) has successfully completed the one month course on “Career Edge – Knockdown the Lockdown” and ten days course “Communication Skills” by TCS iON.**



## ECE | STUDENT COURSERA CERTIFICATIONS

S No	NAME OF THE STUDENT	NAME OF THE COURSE	Agency
1	Madhan Kumar L R	Introduction to Tensor Flow for Artificial Intelligence, Machine Learning and Deep Learning	Standford University
2	Madhan Kumar L R	Building a Text Based Bank in Java	Rhyme
3	GowthamBalaji M	Build a Simple App in Android Studio with Java	Rhyme
4	Pravin U K R	Using Python to access Web Data	University of Michigan
5	NishaS R	Introduction to Relational Database and SQL	Rhyme
6	Pravin U K R	Programming for Everybody	University of Michigan
7	Surendar R	AI for Everyone	Standford University
8	Pravin U K R	Python Data Structures	University of Michigan
9	Guru K	Build a Simple App in Android Studio with Java	Rhyme
10	NishaS R	Beginning SQL Server	Rhyme



# EEE | STUDENT MOOC CERTIFICATIONS



- **Vinod Sudharson M**, II Year EEE student has completed four weeks Coursera Online Course on **Electric Power Systems**.
- **Sivapragash C**, II Year EEE student has completed four weeks Coursera Online Course on **Energy Production, Distribution & Safety**, four weeks Coursera Online Course On **Energy: The Enterprise**, four weeks Coursera Online **Course on Safety in the Utility Industry** and six weeks Coursera Online Course on **Natural Gas**.
- **Sneha P**, II Year EEE student has completed 4 weeks Coursera Online Course on **Electric Power Systems**.

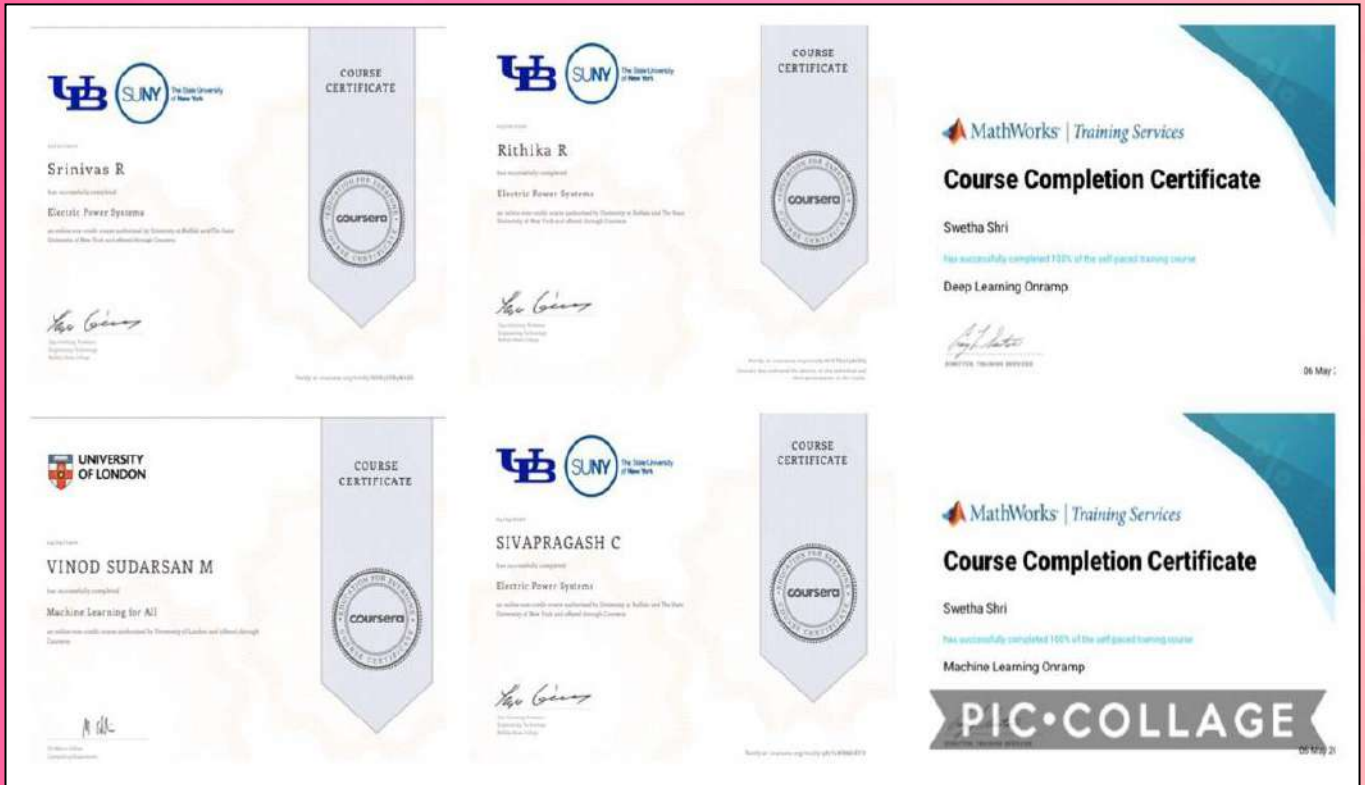
# CSE | STUDENT MOOC CERTIFICATIONS



S.No.	Student Name	Course Title	Certification
1.	Kameshwaran S	Career Edge Knockdown the Lockdown	TCSiON
2.	Lalith Kumar V		
3.	Niranjana D M		
4.	Madhuaravindh KS	Complete Internet Marketing tools for a Successful Business	Udemy
		PowerBI	GUVI
5.	Rishikrishna R	Taking Flight with Flutter	Github



## EEE | MOOC CERTIFICATIONS



- **Srinivas R**, II Year EEE student has completed four weeks Coursera Online Course on **Electric Power Systems**.
- **Rithika R**, II Year EEE student has completed four weeks Coursera Online Course on **Electric Power Systems**
- **Sneha P**, II Year EEE student has completed two hours Mathworks Online Course on **Machine Learning Onramp**.
- **Swetha Sri**, II Year EEE student has completed two hours Mathworks Online Course on **Machine Learning Onramp** and two hours Mathworks Online Course on **Deep Learning Onramp** .
- **Vinod Sudharson M**, II Year EEE student has completed four weeks Coursera Online Course on **Machine Learning for All**.



# NPTEL SPECIAL LECTURES



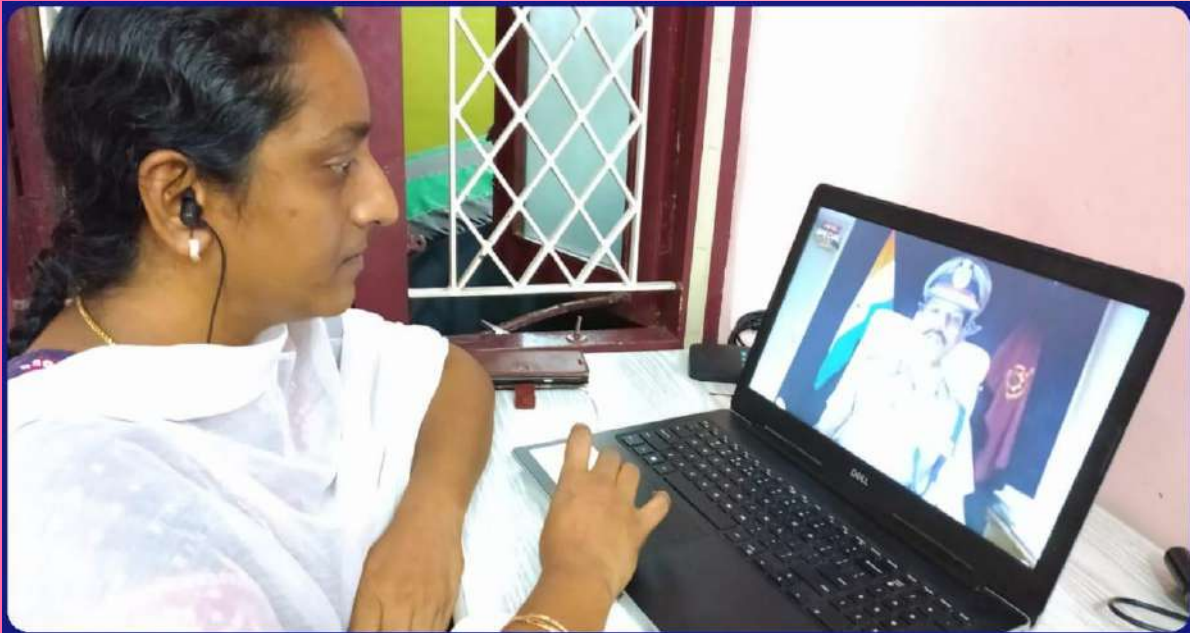
**NPTEL**  
National Programme on Technology Enhanced Learning

1000+ courses  
20,000+ video hours  
450 MILLION views  
Anyone, Anywhere can learn Anytime at  
<http://nptel.ac.in/>

2257 5905/08  
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NPTEL Office: Web Studio,  
Third Floor, IC & SR Building,  
IIT Madras, Chennai - 600036

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## #1 MCT | NPTEL LECTURE ON CAREER IN POLICE



Faculty Members from the Department of **MCT** attended the NPTEL online special lectures series on the topic "**Career in Police Service and Personal Experience as an IPS Officer**" on 03.05.2020. Resource Person: **Dr. C. SylendraBabu**, IPS, Director General of Police, Railways (GRP), Tamilnadu.



## #2 CSE | NPTEL LECTURE SERIES



Faculty Members from the Department of CSE attended the NPTEL Online Special Lectures Series from 01.05.2020 to 04.05.2020 on the following topics: Animation to Exclaim or To Explain, Ideas that Shaped the Web, Career in Police Service, Personal experiences as an IPS officer and Use of Technology in Educational Content Development.

## #3 EEE | NPTEL SPECIAL LECTURE SERIES



Faculty members and students of **EEE department** attended various NPTEL special lecture series via YouTube Live stream on the following topics:

- 'Career in Police Service and Personal experiences as an IPS officer' by **Dr. C. Sylendra Babu**, IPS, Director General of Police, Railways (GRP), Tamilnadu on 03.05.2020
- 'Diversity and Inclusion by **Mrs. Gayatri Ramamurthy**, Senior Director, Capgemini on 04.05.2020
- 'Use of Technology in Educational Content Development' by **Dr. Yogendra pal**, Project Research Scientist, IIT Bombay on 04.05.2020.



## #4 EEE | NPTEL SPECIAL LECTURE SERIES

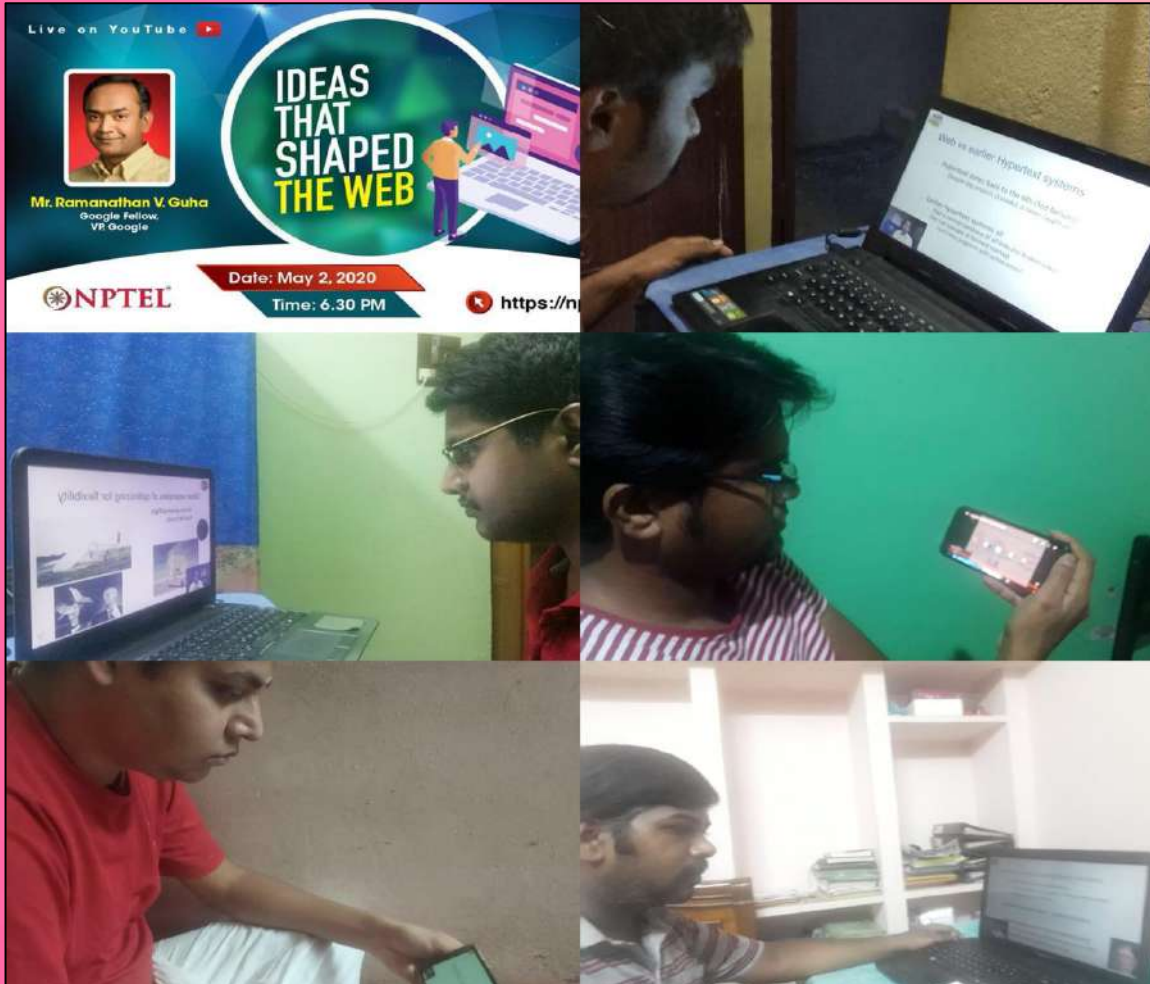


Faculty members and students of **EEE department** attended various NPTEL special lecture series via YouTube Live stream on the following topics:

- 'Civil services in India - as a career' by **Mr. Madhukant Kumar**, IRTS, Area Officer, Tughlakabad on 05.05.2020.
- 'Delivery Devices in Pharmaceutical Innovation and Career paths in materials, pharma & biotech Industries' by **Dr. Karthik Vaideeswaran**, Senior Director, Drug Delivery Platform Technologies & Portfolio Management, Eli Lilly and Company on 06.05.2020.



## #5 MECH | NPTEL LECTURE ON IDEAS THAT SHAPED THE WEB



Faculty Members from the Department of Mechanical Engineering attended the NPTEL online special lectures series on the topic "**Ideas that shaped the web**" on 02.05.2020.

**Resource Person:** Mr. Ramanathan V. Guha, Google Fellow, VP, Google. The webinar gave an insight about the simple and powerful design ideas that shaped the World Wide Web.

## #6 ECE | NPTEL LECTURE SERIES



Faculty members and students of **ECE** Department attended the **NPTEL** lecture series from 02.05.2020 to 07.05.2020 on the following topics.

Date	Time	Topic	Speaker	Designation/ Profession
2.5.2020	6:30 PM	Ideas that Shaped the Web	Mr. <u>Ramanathan V. Guha</u>	Google Fellow and VP
3.5.2020	5:00 PM	My Journey in Product Design, a Passion and a Career	Mr. Michael Foley	Founder
4.5.2020	6:00 PM	Use of Technology in Educational Content Development	Dr. <u>Yogendra pal</u>	Project Research Scientist
5.5.2020	6:00 PM	Civil services in India - as a career	Mr. <u>Madhukant Kumar</u>	Area Officer
6.5.2020	6:00 PM	Delivery Devices in Pharmaceutical Innovation;	Dr. <u>Karthik Vaideeswaran</u>	Senior Director
7.5.2020	6:00 PM	The Art and Science of Forecasting	Prof. <u>Gautam Natarajan</u>	Professor



# #7 SOM| NPTEL SPECIAL LECTURE SERIES



**Mr.Prabhakaran J**, Assistant Professor, **School of Management** has attended NPTEL Special Lecture series on ‘**Privacy and Ethics in Software Industry**’ on 02.05.2020 and ‘**My Journey in Product Design, a Passion and a Career**’ on 03.05.2020.



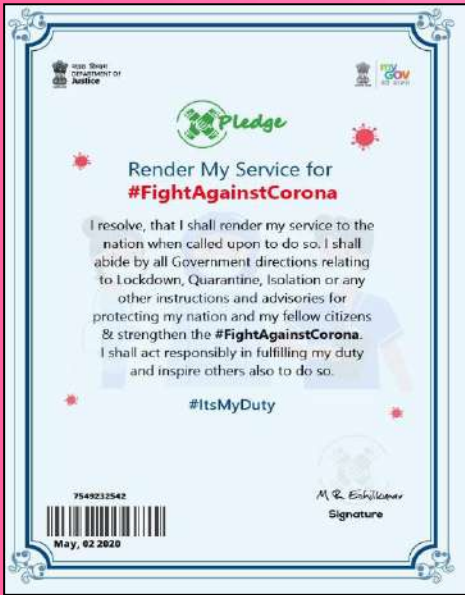


## MYGOV PLEDGES



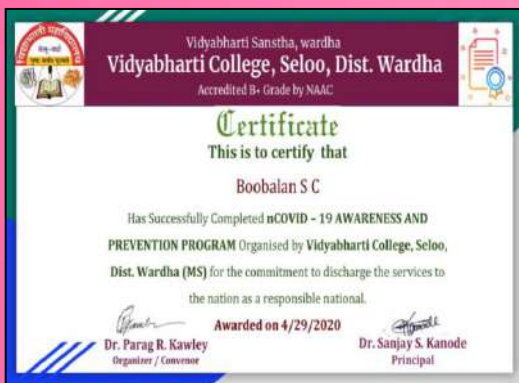
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## CIVIL | MYGOV PLEDGES



**Mr.M.R.EzhilKumar, Mr.V.Yogeshwaran and Mr.S.C.Boobalan, Assistant professors of Civil Department have taken up the fight against corona pledge from MyGov.**

## CIVIL | MYGOV PLEDGES



**Mr.S.C.Boobalan, Assistant Professor, Department of Civil Engineering has successfully completed COVID - 19 Awareness and Prevention Program organized by Vidyabharati College, Wardha (MS) and Quiz conducted by corona.mygov.in.**

## ECE | MYGOV PLEDGES BY STUDENTS

Second year students of ECE Department participated in the Covid19 pledge and have received certificates of commitment by My Gov.





## SOM | ENTREPRENEURSHIP PLEDGE



Dr.Thamaraiselvi P, Dr.Sridevi KB, Dr.Manicka Mahesh N, and Dr.Vijayalakshmi P, faculty members of School of Management have taken the **Entrepreneurship pledge** by Ministry of Skill Development and Entrepreneurship.

## CIVIL | MYGOV QUIZ AND PLEDGE



Hindustani Education Society AUSA'  
**SHARADCHANDRA MAHAVIDYALAYA, SHIRADHON**  
Tq. Kallam Dist. Osmanabad, (M.S.)  
NAAC Accredited With "B" Grade  
COVID-19 and Environment Awareness Quiz

KLPGE8-CE000238



**Certificate of Commitment**

*S. C. Boobalan*

Has solemnly pledged and performed excellent performance in online “Covid-19 and Environment Awareness Quiz” Organized by Department of Geography, Sharadchandra Mahavidyalaya, Shiradhon. Tq-Kallam Dist. Osmanabad, (M.S.)



Dr. Shirmale M.B.  
Dept. of Geography



Dr. Shaikh A.I.  
Head, Dept. of Geography



Dr. Birajdar G.D.  
Principal



Mr.S.C.Boobalan, Assistant Professor, Department of Civil Engineering has solemnly taken up the pledge and has also performed well in the online quiz on “COVID - 19 and Environment Awareness Quiz” organized by Sharadchandra Mahavidyalaya, Shiradhon, Tq-Kallam Dist, Osmanabad, (M.S).

## EEE | MYGOV QUIZ

LET'S FIGHT  CORONA

RAJKIYA ENGINEERING COLLEGE MAINPURI

### CERTIFICATE OF AWARENESS

THIS CERTIFICATE IS PROUDLY PRESENTED FOR COMPLETING LEVEL 1,  
COVID 19 PANDEMIC MYTHBUSTER TO

**GOBHINATH S**

WE HOPE THAT *GOBHINATH S* WILL KEEP SPREADING AWARENESS &  
STRENGTHEN THE FIGHT AGAINST COVID 19 PANDEMIC



- Sourced by World Health Organisation •
- Compiled & Coordinated By Saket Rusia, Head, T&P Cell, REC Mainpuri •



Ref No 66JBBM-CE000341

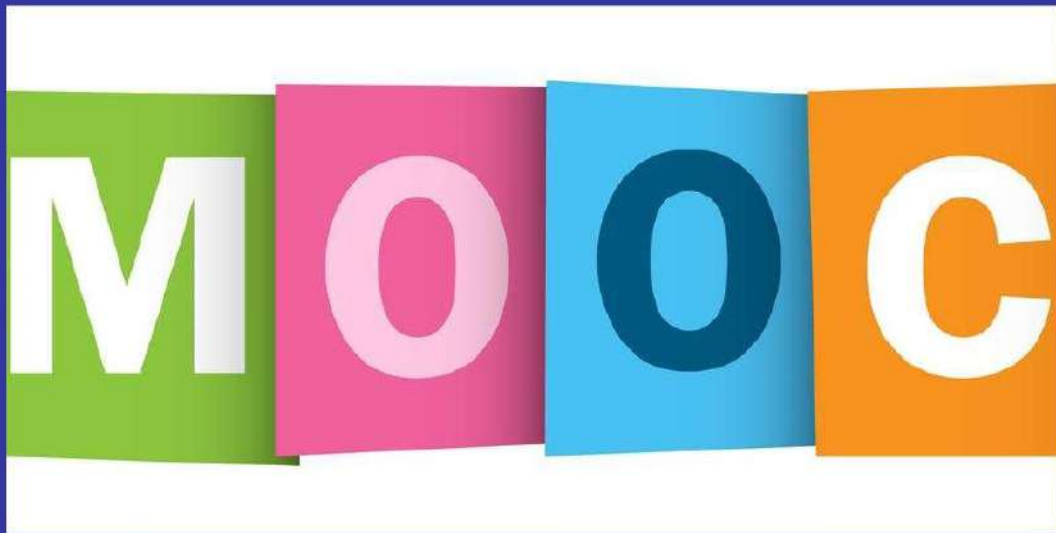
7-5-2020

**Mr.S.Gobhinath**, Assistant Professor, **EEE** completed the level 1 of 'Covid 19 Pandemic Mythbuster' conducted by Rajkiya Engineering College, Manipuri.

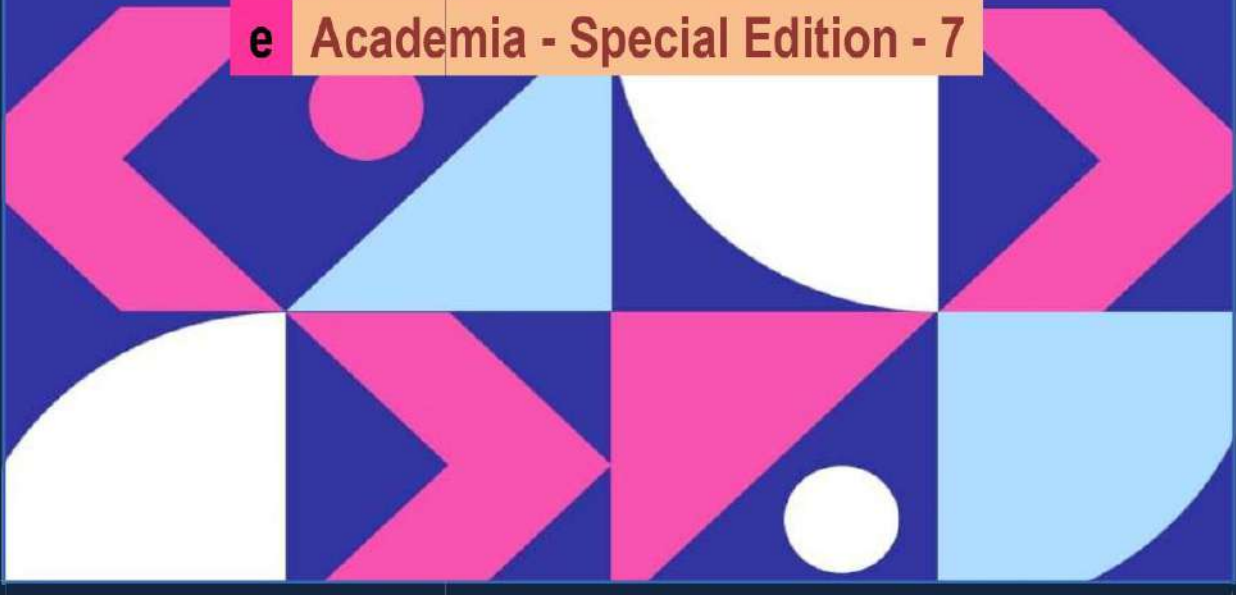




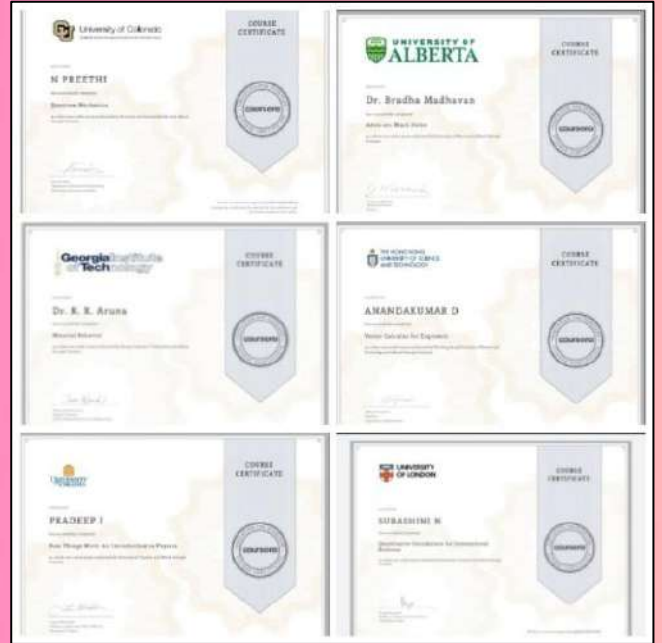
# FACULTY CERTIFICATIONS



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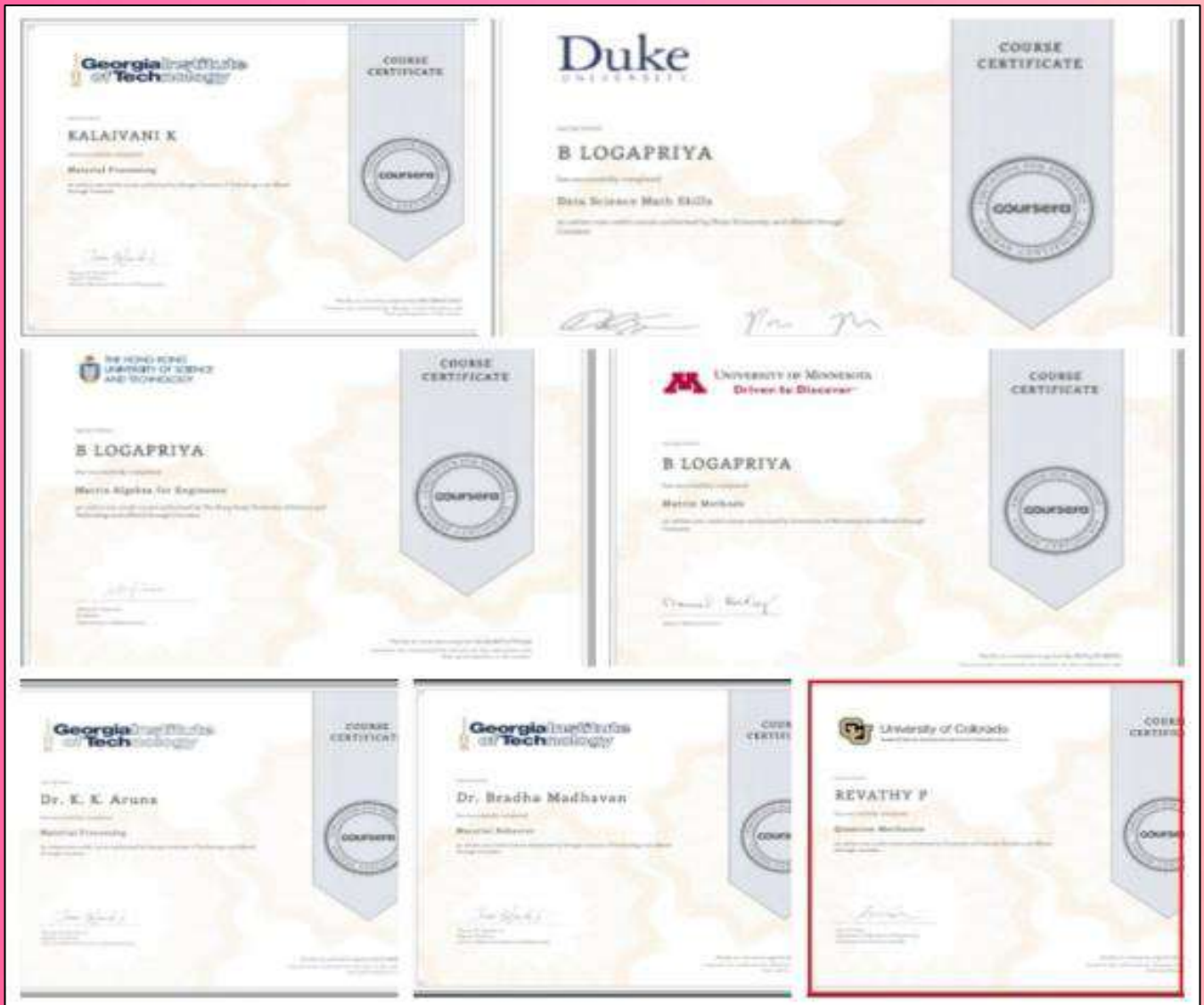
## S & H| COURSERA CERTIFICATIONS



S. NO	FACULTY NAMES	COURSE TITLE	CERTIFICATION
<b>Maths</b>			
1	Mr.K.Kumar	<b>Introduction to Ordinary Differential Equations</b>	<b>Korea Advanced Institute of Science and Technology</b>
2	Ms.A.Jayapradha		
3	Mr.S.Pradeep		
4	Mr.B.Kalins		
5	Mr.K.Pandiyan		
6	Dr.D.Vidhya		
7	Ms.B.Logapriya		
8	Ms.K.Rajalakshmi		
9	Ms.B.Logapriya	<b>Matrix Algebra for Engineers</b>	<b>The Hong Kong University of Science and Technology</b>
10	Mr.D.Anandakumar	<b>Vector Calculus for Engineers</b>	
11	Ms.B.Logapriya	<b>Data Science Math Skills</b>	<b>Duke University</b>
12	Ms.B.Logapriya	<b>Matrix Methods</b>	<b>University of Minnesota</b>
13	Ms.P.Revathy	<b>Quantum Mechanics</b>	<b>University of Colorado</b>
14	Ms.N.Preethi		
15	Ms.N.Subashini	<b>Quantitative Foundations for International Business</b>	<b>University of London</b>

## S & H| COURSERA CERTIFICATIONS

S. NO	FACULTY NAMES	COURSE TITLE	CERTIFICATION
<b>Physics</b>			
16	Dr.I. Pradeep	How things work: An Introduction to Physics	University of Virginia
17	Dr.M.Bradha	Astro 101: Black Holes	University of Alberta
18	Dr.K.K.Aruna	Material Behaviour	Georgia Institute of Technology
19	Dr.M.Bradha	Material Behaviour	Georgia Institute of Technology
20	Ms.K.Kalaivani	Material Processing	Georgia Institute of Technology
21	Dr.K.K.Aruna	Material Processing	Georgia Institute of Technology





# EEE | FACULTY MOOC CERTIFICATIONS



- **Dr.K.C.Ramya,HOD,EEE**
- Fast EV Chargers Using Three-phase LLC Converters- IEEE continuing education
- Introduction to Machine Learning- Coursera- Duke University.
- Mechanical Ventilation for COVID-19- Harvard Medical School.
- Power system Protection- TATA Steel.
- **Mr.S.Gobhinath-** MATLAB Onramp- MathWork Training Services.
- **Mr.T.Kesavan**
- Fast EV Chargers Using Three-phase LLC Converters- IEEE continuing education.
- Introduction to Machine Learning- Coursera- Duke University.
- Mechanical Ventilation for COVID-19- Harvard Medical School.
- Power system Protection- TATA Steel.

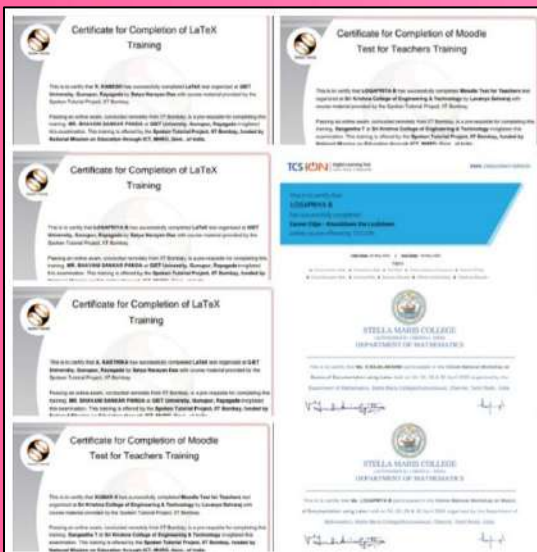
## EEE | FACULTY MOOC CERTIFICATIONS

- **Dr.S.Sheeba Rani**
- Fast EV Chargers Using Three-phase LLC Converters- IEEE continuing education.
- Introduction to Machine Learning- Coursera- Duke University.
- Mechanical Ventilation for COVID-19- Harvard Medical School.
- Power system Protection- TATA Steel.
- **Ms.C.Pavithra-** Electric power system- Coursera- The state University of New York.





# S&H | FACULTY MOOC CERTIFICATIONS





## S&H | FACULTY MOOC CERTIFICATIONS

S. NO	FACULTY NAMES	COURSE TITLE	CERTIFICATION
1	Dr.A.Shobana	Web-based Training on Virtual Classroom	KPR Institute of Engineering and Technology
2	Mr.K.Kumar		
3	Dr.N.K.Geetha		
4	Ms.N.Subashini		
5	Dr.D.Vidhya		
6	Mr.K.Pandiyan		
7	Ms.A.Jayapradha		
8	Ms.B.Logapriya		
9	Mr.S.Pradeep		
10	Dr.R.Ramesh		
11	Ms.N.Preethi	Mathematics of Industry 4.0	SRM Institute of Science and Technology
12	Mr.D.Anandakumar		
13	Dr.A.Mohanraj		
14	Mr.K.Pandiyan		
15	Ms.N.Subashini		
16	Ms.T.Anitha	National level webinar on “Joy of Orderly Living”	Kaamadhenu Arts and Science College
17	Mr.K.Kumar		
18	Dr.D.Vidhya		
19	Ms.B.Logapriya		
20	Mr.K.Pandiyan		
21	Dr.R.Ramesh	LaTeX Training	Spoken Tutorial Project, IIT Bombay
22	Ms.B.Logapriya		
23	Dr.A.Karthika		
24	Ms.B.Logapriya	Moodle Test for Teachers Training	Spoken Tutorial Project, IIT Bombay
25	Mr.K.Kumar		

## S&H | FACULTY MOOC CERTIFICATIONS

S. NO	FACULTY NAMES	COURSE TITLE	CERTIFICATION
26	Ms.N.Preethi	International Webinar on Understanding Selfies	P PSavani University
27	Dr.A.Karthika		
28	Dr.R.Ramesh	Webinar on “ The four indispensable soft skills You Need To Master”	Sri Venkateswararaa College of Technology
29	Dr.N.K.Geetha		
30	Ms.Antonitta Eileen Pious	Online Course on “Verbal Proficiency”	Sri Krishna Adithya College of Arts and Science
31	Dr.A.Indhulekha	Webinar on First Leadership Talk	MHRD
32	Ms.Antonitta Eileen Pious		
33	Ms.K.Rajalakshmi	Online National Workshop on Basics of Documentation using Latex.	Stella Maris College
34	Ms.B.Logapriya		
35	Ms.B.Logapriya	Online Course on Career edge-Knockdown the Lockdown	TCSiON
36	Mr.S.Pradeep	FDP on Scilab Programming	NITTTTR, Chandigarh
37	Ms.K.Rajalakshmi	Webinar on”Higher Education Scnario in India while living with Covid 19 in the years to come”	Prerna College of Commerce, Nagpur
38	Dr.D.Vidhya	IPR day Online Quiz-2020	Karpagam Institute of Technology

## S&H | FACULTY MOOC CERTIFICATIONS

S. NO	FACULTY NAMES	COURSE TITLE	CERTIFICATION
39	Mr.S.Pradeep	Online Quiz Competition 2020	Erode Arts and Science College
40	Mr.S.Pradeep	Webinar on “Hangout with Successful Start Ups”	Chennai Institute of Technology
41	Ms.B.Logapriya		
42	Ms.B.Logapriya	Awareness course on Goods and Services Tax	ICT Academy
43	Ms.T.Anitha	How to turn your thesis into an article	Researcher Academy-Elsevier
	Ms.Keerthika	Writing a persuasive cover letter for your manuscript	
44	Ms.B.Logapriya	Standing up for science	
45	Dr.A.Mohanraj	Research Collaboration	
46	Dr.D.Vidhya	Social Impact	
47	Ms.K.Rajalakshmi Dr.M.Gomathi & Ms.Keerthika	How to turn your thesis into an article	
		How to peer review a review article	
		5 diseases ailing research- and how to cure them	
		How your research can make an impact on society	
48	Dr.N.K.Geetha	Social Impact	
		How to peer review a review article	
		How your research can make an impact on society	
		Conference skills for researchers	
		How to create impact with patient and public involvement	
		Standing up for science	

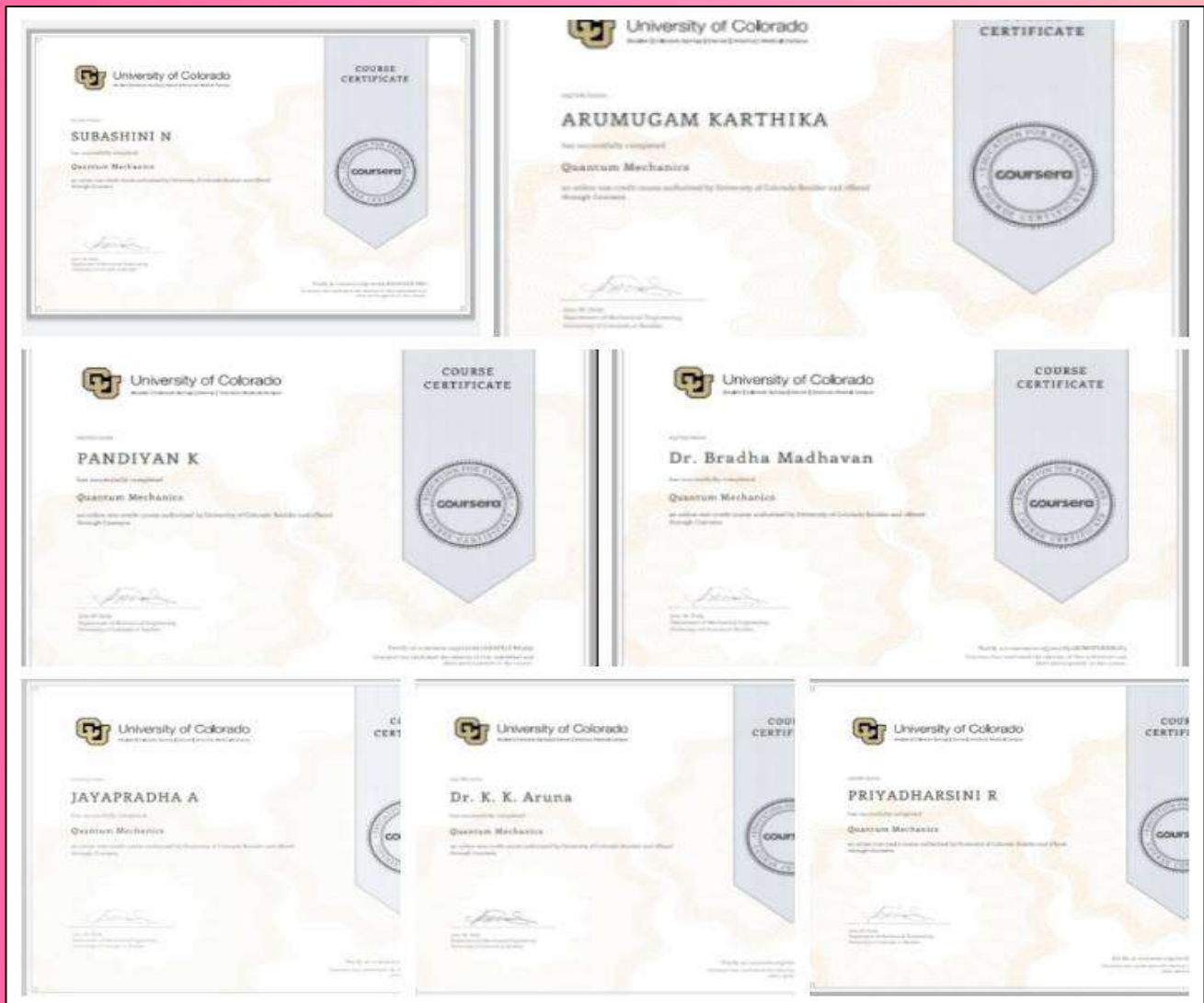


## CSE | SKYCAMPUS CERTIFICATIONS



Faculty members from the Department of **CSE** have actively participated in the Skycampus Digital Knowledge Series 2020 - **Season 1 - The Future is Here, Season 2 - Leading in VUCA World and Season 3 - The Future is Here Now** and have been awarded with certificates from ICT Academy.

## S&H | FACULTY COURSERA CERTIFICATIONS



The following faculty members have completed an Online certification in **Quantum Mechanics** authorized by the University of Colorado offered through Coursera.

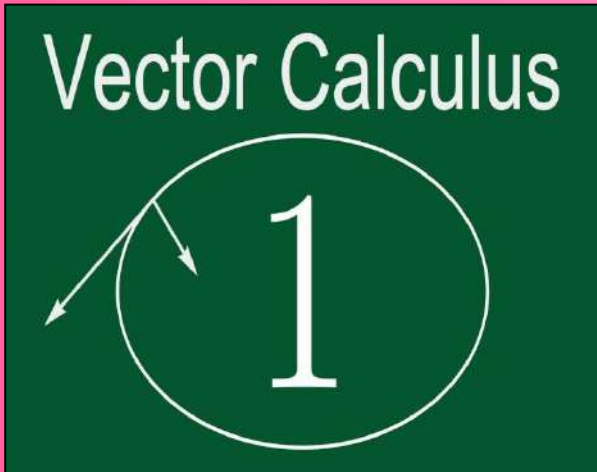
- Ms.R.Priyadharsini
- Dr.K.K.Aruna
- Ms.A.Jayapradha
- Dr.M.Bradha
- Mr.K.Pandiyan
- Dr.A.Karthika
- Ms.N.Subashini

## S&H | FACULTY CERTIFICATIONS



The following faculty members have completed an online certification on “**How things work: An Introduction to Physics**” authorized by the University of Virginia offered through Coursera.

- Ms.R.Priyadharsini
- Ms.K.Kalaivani



The following faculty members have completed an Online certification in **Vector Calculus for Engineers** authorized by the Hong Kong University of Science and Technology offered through Coursera.

- Dr.Vidhya
- Ms.Rajalakshmi K
- Ms.Keerthika V



## SOM | ELSEVIER ONLINE COURSE



**Dr.Vijayalakshmi P**, Associate Professor, School of Management has successfully completed the following modules from Researcher Academy, ELSEVIER on the topics ‘**Standing up for Science**’ and ‘**Making academia industry collaborations work**’.

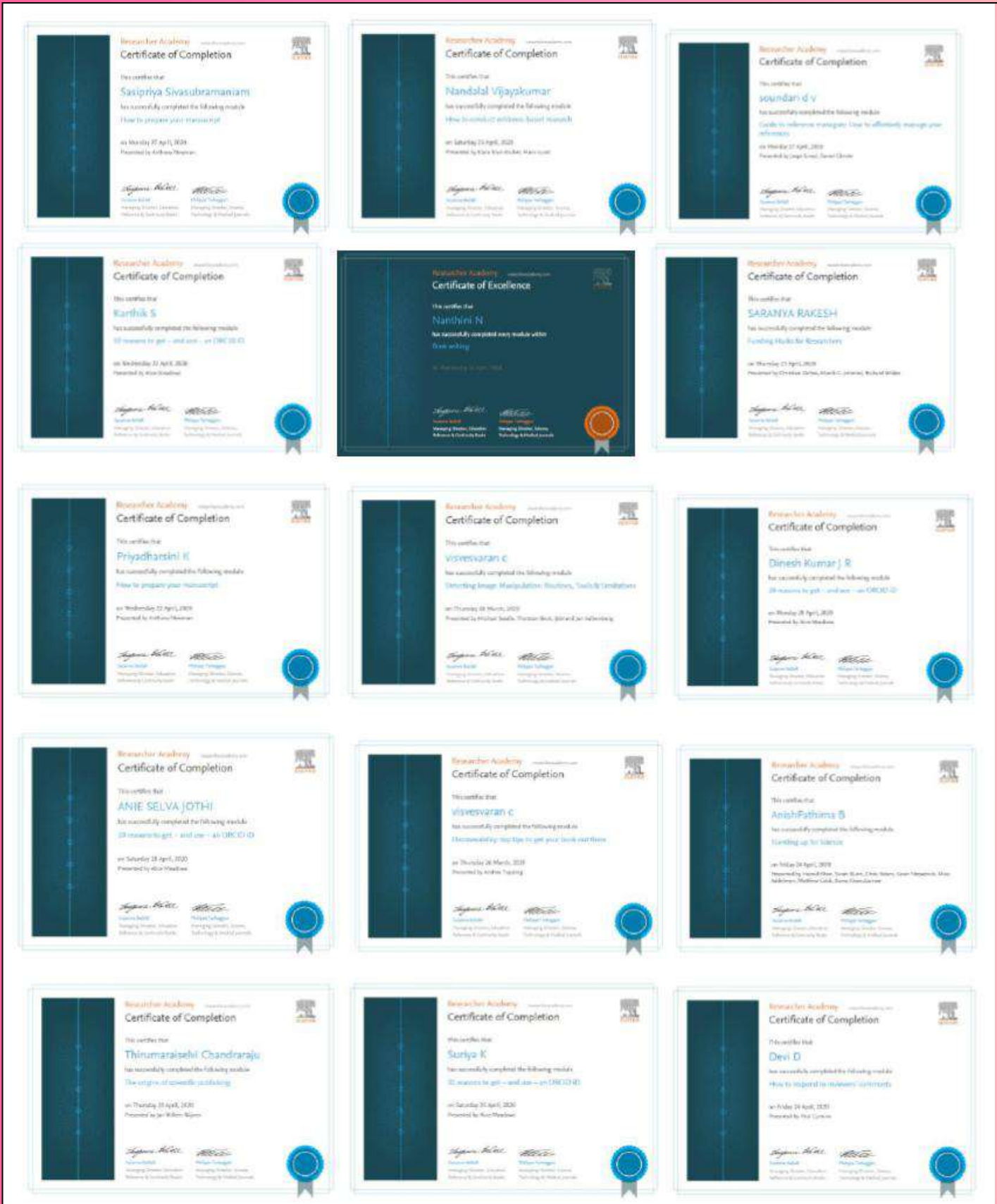
## S&H | COURSERA CERTIFICATIONS



The following faculty members have completed an Online certification in **Fibonacci Numbers and the Golden Ratio** authorized by Hong Kong University of Science and Technology offered through Coursera.

- MS.V.Keerthika
- Dr.M.Gomathi

# ECE | ELSEVIER CERTIFICATIONS



## ECE | ELSEVIER CERTIFICATIONS

S.No	Name of the faculty	Course Name	Agency
1.	Dr.S.Sasipriya	How to prepare your manuscript	Elsevier Research Academy
2.	Dr. V. Nandalal	How to conduct evidence based research	Elsevier Research Academy
3.	D.V.Soundari	Guide to reference managers: How to effectively manage your references	Elsevier Research Academy
4.	Mr.S.Karthik	10 reasons to get and use ORCID ID	Elsevier Research Academy
5.	Ms.N. Nanthini	Book Writing	Elsevier Research Academy
6.	Ms.G.Saranya	How to secure funding - ECR edition	Elsevier Research Academy
7.	Ms K.Priyadharsini	How to prepare your manuscript	Elsevier Research Academy
8.	Mr C. Visvesvaran	Detecting Image Manipulation: Routines, Tools & Limitations	Elsevier Research Academy
		Discoverability: top tips to get your book out there	
9.	Mr. J.R. Dinesh Kumar	10 reasons to get – and use – an ORCID iD	Elsevier Research Academy
10.	Ms. Anie Selva Jothi	10 reasons to get – and use – an ORCID iD	Elsevier Research Academy
11.	Ms. B.Anish Fathima	Standing up for Science	Elsevier Research Academy
12.	Dr.C. Thirumarai Selvi	The origins of scientific publishing	Elsevier Research Academy
13.	Ms K.Suriya	10 reasons to get-and use- an ORCHID ID	Elsevier Research Academy
14.	Ms D Devi	How to respond reviewer's comments	Elsevier Research Academy



## ECE | TATA STEEL CERTIFICATIONS



# TATA STEEL

 WeAlsoMakeTomorrow



Faculty members of ECE department **Ms.Ruth Anita Shirley D**, **Ms.Vanitha U** and **Ms.Saranya G** have successfully completed the certification courses offered by Tata steel Capability Development.

## MCT | FACULTY WEBINAR CERTIFICATIONS



S.NO	FACULTY NAME	COURSE TITLE	CERTIFICATION
1.	Ms.S.Kannaki	Levers of Digital Industry	Chennai Institute of Technology
2.	Ms.S,Nithya Priya	Levers of Digital Industry	Chennai Institute of Technology
3.	Ms.K.Ananthi	Opportunities for Engineers and Expectations from Industry	Chennai Institute of Technology

# ECE | COURSERA CERTIFICATIONS

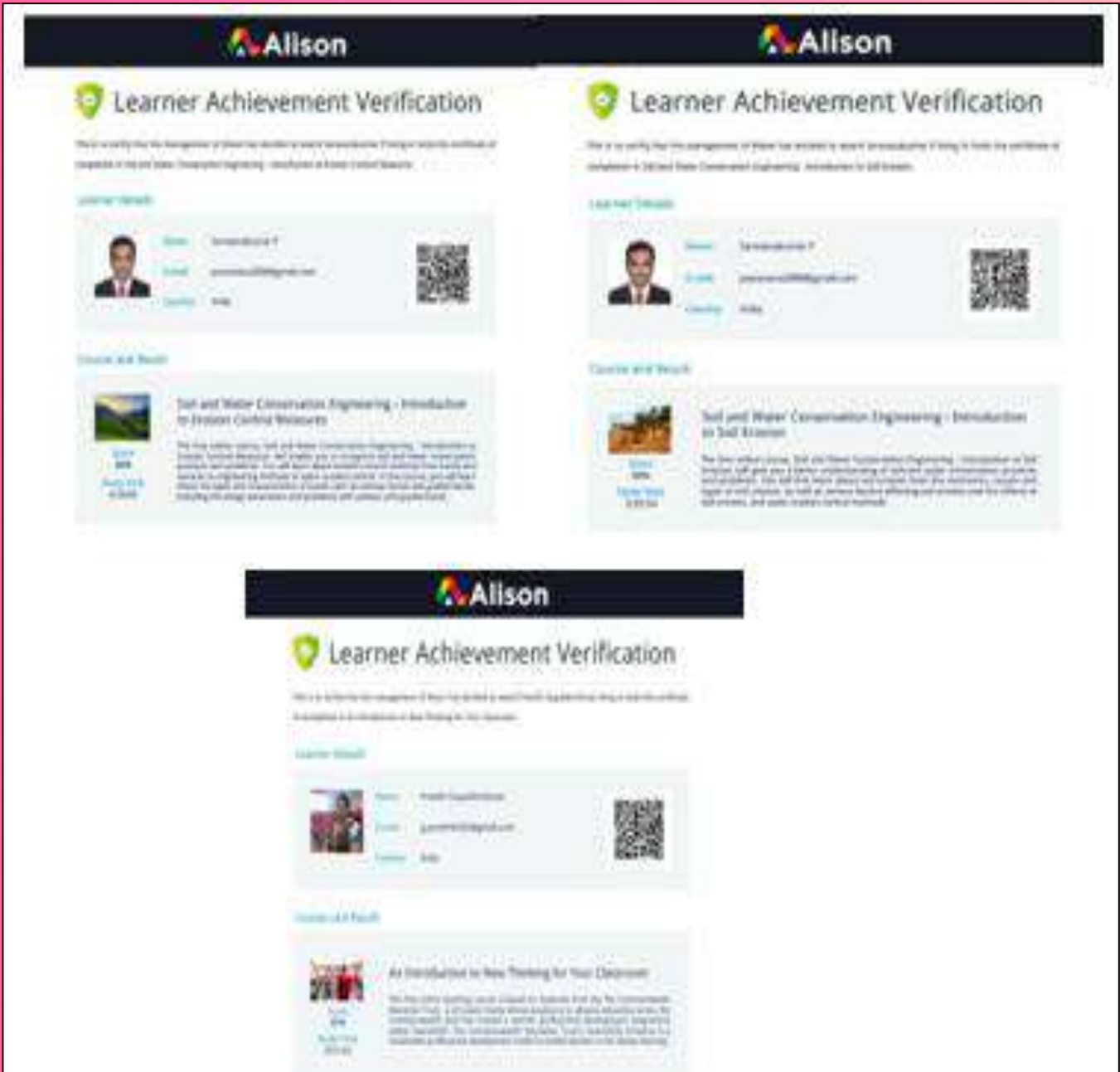




## ECE | COURSERA CERTIFICATIONS

S.No	Name of the faculty	Course Name	Agency
1.	Mr C. Visvesvaran	Fundamentals of Network Communication	Coursera
2.	Ms H.Muneera Begum	Programming for everybody	Coursera
3.	Ms. Janeera	AI for Everyone	Coursera
4.	Ms D Devi	AI for everyone	Coursera
5.	Dr.V.R.Balaji	Introduction to the Internet of Things and Embedded Systems	Coursera
6.	Dr.Maruthi Shankar B	AI for Everyone	Coursera
7.	Mr S.Karthik	AI for Everyone	Coursera
8.	Ms D.V.Soundari	AI for everyone	Coursera
9.	Ms K.Suriya	Introduction to cybersecurity tools & cyber attacks	Coursera

# CIVIL | LEARNER ACHIEVEMENT CERTIFICATION



**Dr.P.Saravana Kumar**, Associate Professor and **Ms.G.Preethi**, Assistant professor, Department of **Civil Engineering** have been awarded with a certificate for completing Alison offered course and have earned **Learners Achievement Certification**.

# MCT | FACULTY TRAINING CERTIFICATIONS



S.NO	FACULTY NAME	COURSE TITLE	CERTIFICATION
1.	Ms.S,Nithya Priya	Introduction to PLC programming	Skyfi Labs
2.	Ms.M,Bhuvanewari	Machine Learning Technology & Process	Aws training & Certification
3.	Mr.S.Madhan Kumar	Gear Train Design	Skyfi Labs



# MECH | MOOC CERTIFICATIONS

Faculty members from the department of Mechanical Engineering successfully completed MOOCs from various platforms:



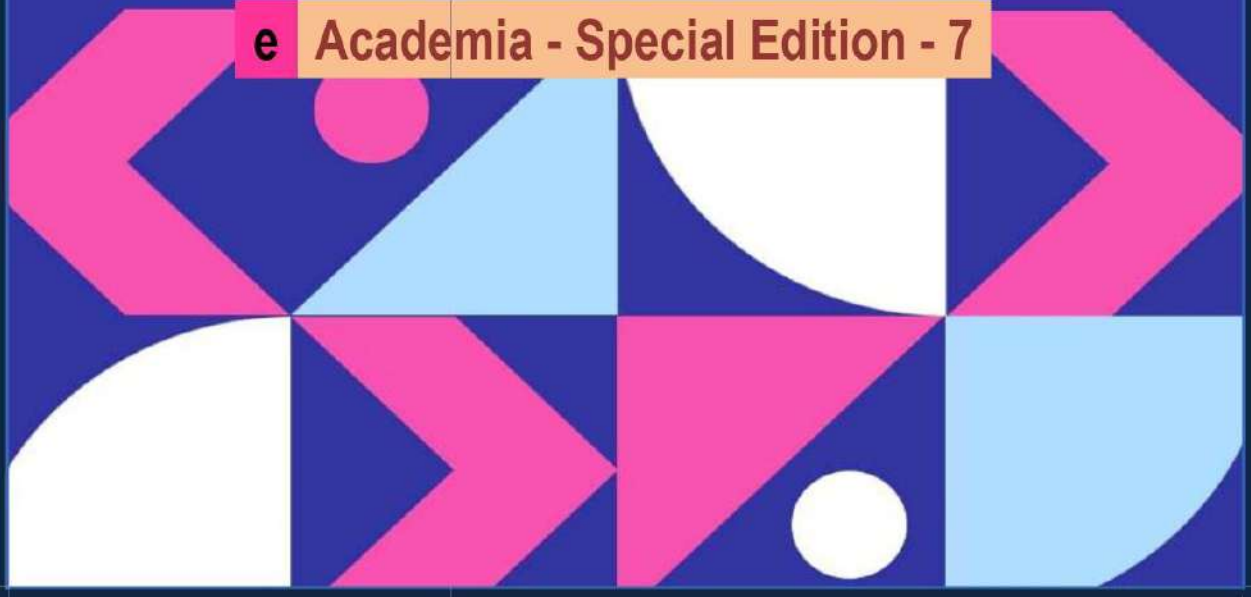
Faculty	Course Name	Platform
Mr. S. Raja	Basic Metallurgy	TATA Steel – Capability Development
	Heat Treatment of Steel	
	Measuring Instrument	
Mr. S. Ranjith Kumar	Manufacturing Digitization Management Program	Maxbyte Technologies – Factory Science
Mr. Vigneshkumar M	Manufacturing Digitization Management Program	Maxbyte Technologies – Factory Science
Mr. Vigneshwaran M	Bearings	TATA Steel – Capability Development
	Bulk Material Handling	
	Measuring Instrument	



# CRAFT\_A\_CAPTION RESULTS



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## CRAFT\_A\_CAPTION CONTEST : BEST ENTRIES



### ULFATH FARHAN H, II CSE

- “Chasing time is like chasing shadows because at the end of the day you got nothing but the experience.”
- “Catch it before the sunset.”

### KEERTHANA S, II EEE

- “The boy got it all wrong...He has to hold the stick the other way around to catch that bush!”

### NOUFINA B J, I B.TECH IT

- “Standing still to pocket you,  
Unknown your spin is a sprinter!  
Finally obvious thing is that  
I can't pocket you  
But goals can be pocketed with you!!!”
- “Winners love you,  
Losers hate you,  
People shake you,  
Haters break you.  
We wait for you to stand still,  
Unknown the spin is a sprinter”

### VARSHINI G, II ECE C

- “The clock can be arrested but not the time, time continues its duty of converting present seconds to memories”



## CRAFT\_A\_CAPTION CONTEST : BEST ENTRIES

### VARUNKUMAR.S, I CIVIL

- "Time is what we want most, but what we use worst"

### THINESH KUMAR S, A II CSE B

- "Don't just watch the clock, do what it does keep going."
- "Hold on your time, instead of thinking about the time that has passed enjoy the moment."

### THEOPHILA VAIZ R, II CSE B

- "Time doesn't wait for you, until and unless you make it the right time."

### RAHFAR NISHA R, I CSBS

- "Catch the time, before time catches you..!"
- "Time changes everything except something within us which is always surprised by change...! "

### Mr.PRADEEP.S, A/P, S&H

- "Grab at the right time."
- "Time to serve."
- "Stick on time."

### Ms.EILEEN PIOUS, A/P, S&H

- "Seize the moment before the moment seizes you"

### Mr.ANISH FATHIMA B, A/P, ECE

- "You can never conquer time. If you think you have done it, you are dreaming!! "

### Ms.SURAJBEGUM R, A/P, S&H

- "Time never waits even for the lockdown"

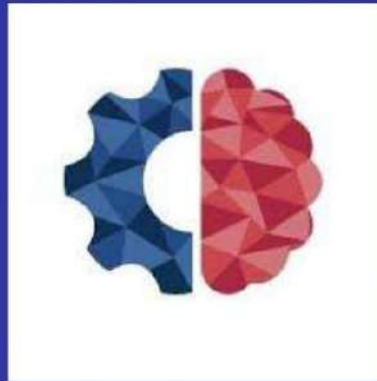
### Ms.IGNISHA RAJATHI G, A/P, CSBS

- "In their hearts humans plan their course, but GOD establishes their steps. Our times are in Thy hands"

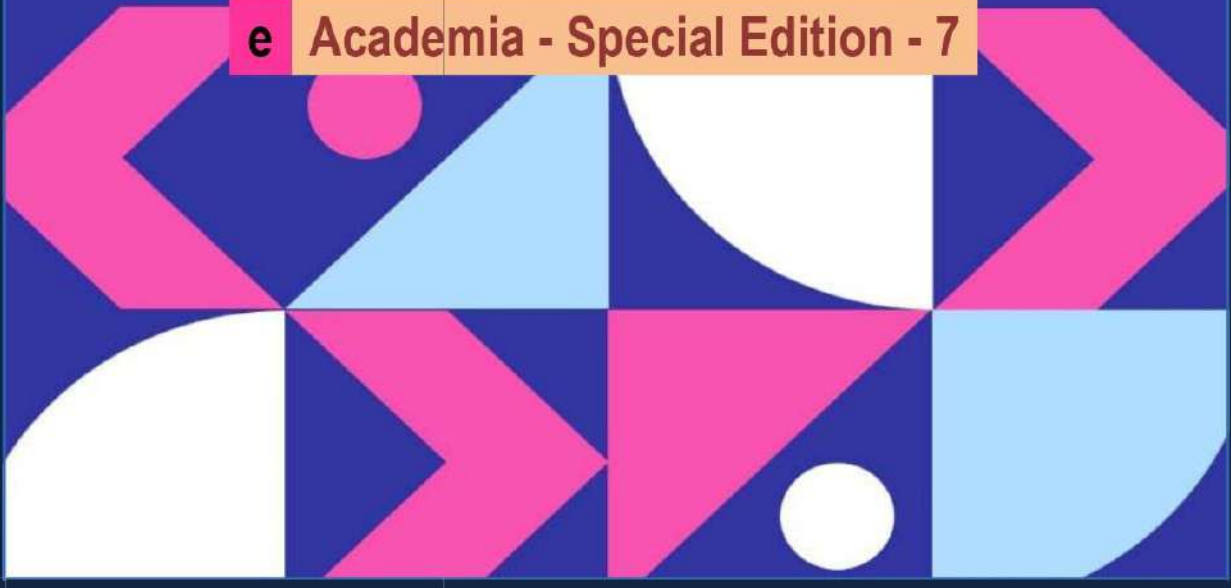




# MIC LEADERSHIP TALK SERIES



e Academia - Special Edition - 7



# SKCET | INDIA FIRST LEADERSHIP TALK WEBINAR



**Certificate of Participation**

This is to certify that  
**Dr.J.Janet**  
from Sri Krishna College of Engineering and Technology has  
Successfully attended the India First Leadership Talk webinar broadcasted  
On 2nd May, 2020 by MHRD's Innovation Cell



**Dr. Abhay Jere**  
Chief Innovation Officer, MHRD's Innovation Cell



**Certificate of Participation**

This is to certify that  
**Ananth J P**  
from Sri Krishna College of Engineering and Technology has  
Successfully attended the India First Leadership Talk webinar broadcasted  
On 2<sup>nd</sup> May, 2020 by MHRD's Innovation Cell



**Dr. Abhay Jere**  
Chief Innovation Officer, MHRD's Innovation Cell



## INDIA FIRST LEADERSHIP TALK SERIES





## S & H | MIC LEADERSHIP SERIES



**Dr.Indhuleka** and **Ms.Antonitta Eileen**, Assistant Professors, Department of **Science and Humanities**, attended the **India First Leadership Talk** Webinar broadcast on 02.05.2020 organized by MHRD’s Innovation Cell.

## EEE | MIC LEADERSHIP SERIES



The following faculty of Department of EEE attended the **India First Leadership Talk Webinar** broadcast on 02.05.2020 organized by MHRD's Innovation Cell.

- Dr.K.C.Ramya
- Dr.S.Sheeba Rani
- Mr.T.Kesavan
- Ms.C.Pavithra
- Mr.Kavin.R
- Mr.S.Gobhinath

**INDIA FIRST  
LEADERSHIP TALK SERIES**

## CSBS|INDIA FIRST LEADERSHIP TALK WEBINAR



**Dr. S. Balakrishnan, HOD-CSBS along with faculty Dr. G. Ignisha Rajathi and Mr. J. Daniel Francis Selvaraj and students of Second year CSE C(TCS) - Naveen Kumar B and Dharika P have attended the India First Leadership Talk webinar organized by MHRD, IIC and AICTE on 02.05.2020.**





## CREATIVE CORNER



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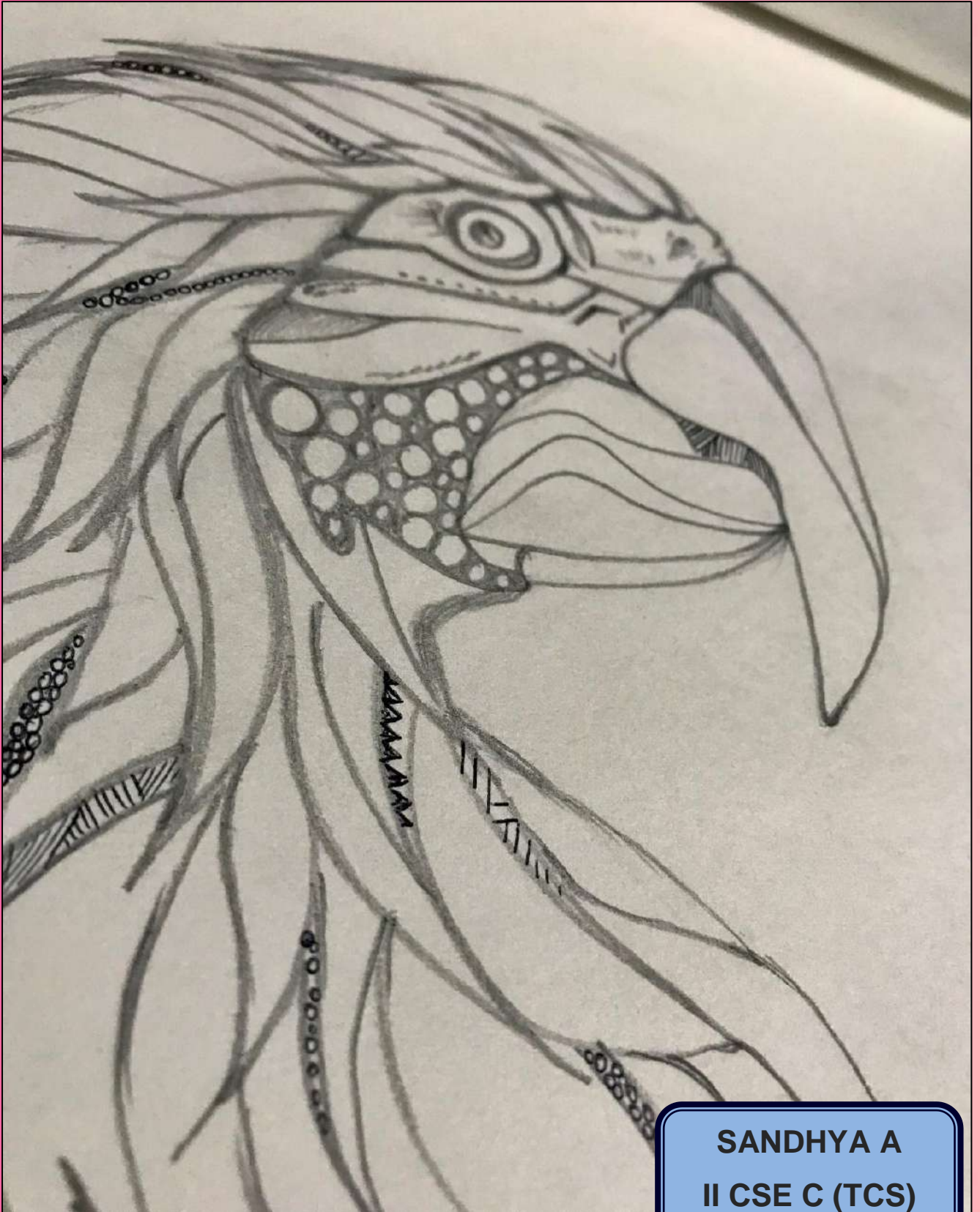
## MECH | PENCIL SKETCHING



**NOAH SEBASTIAN R  
II MECH B**



## CSBS| ART MERAKI



SANDHYA A  
II CSE C (TCS)



**CSE | LITERARY CORNER**

Life is a celebration which we don't know how long would last  
The places and people we meet are always a suspense  
Some give us unexplainable joy while  
Some leave us with never ending regrets

Many stay as guests in our hearts  
But few don't remain guests  
Coz they're not gonna leave us anyway  
And those people stay in our life forever

Welcome both coz you are the host of the celebration  
And it's not right to chase people away  
It's only their wish to stay or leave

As long as they stay treat them  
Like you're never gonna leave them  
Celebrate everyone!  
Coz life is of course a celebration!!

– Carol Henna K J

**K.J.CAROL HENNA**

**III CSE A**

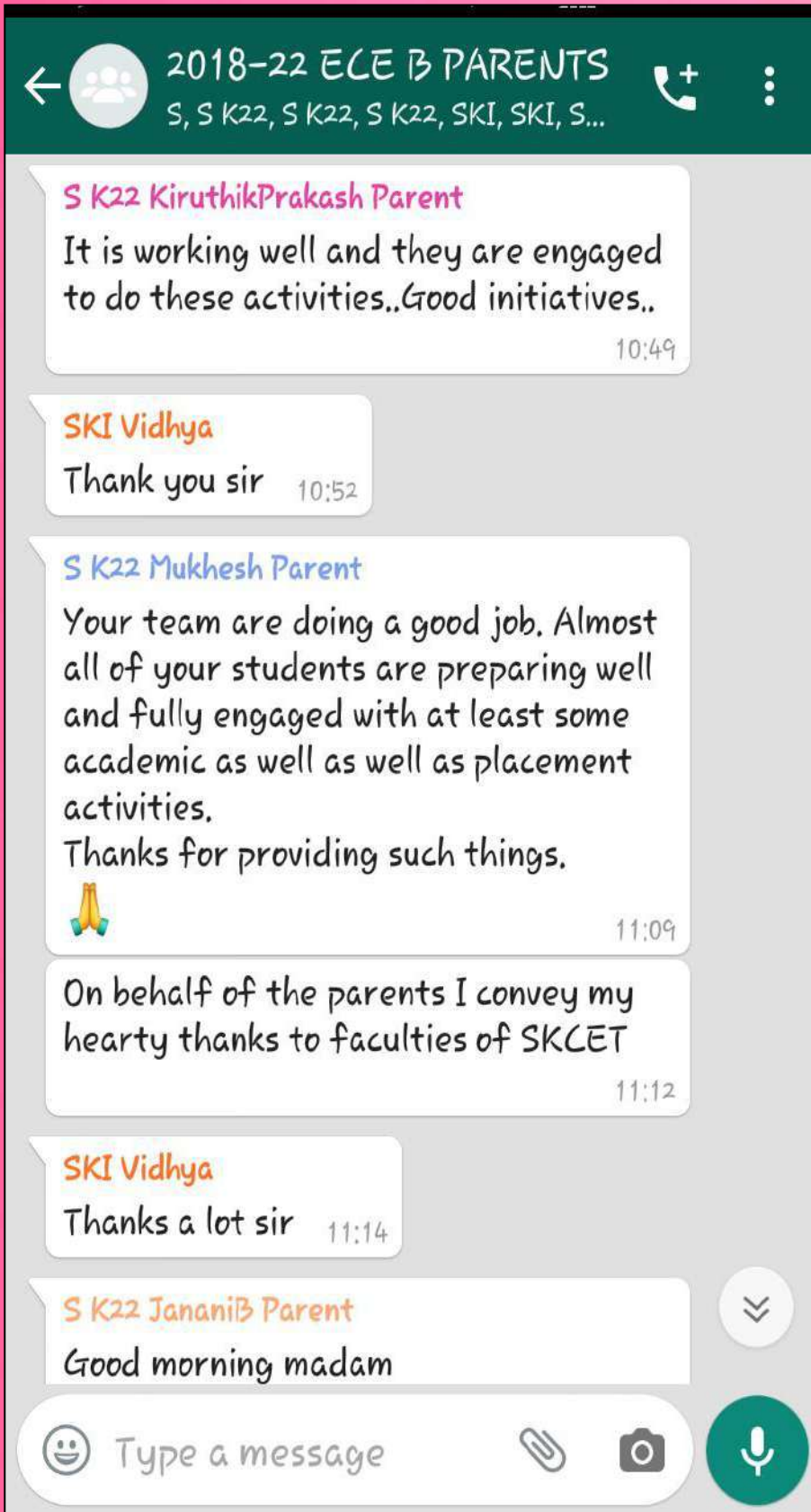


# FEEDBACK



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## ECE | PARENT'S FEEDBACK –ONLINE CLASSES



**Student Name**  
**A.Mukesh,II ECE B**

**Parent Name :**  
**Dr K Annadurai**

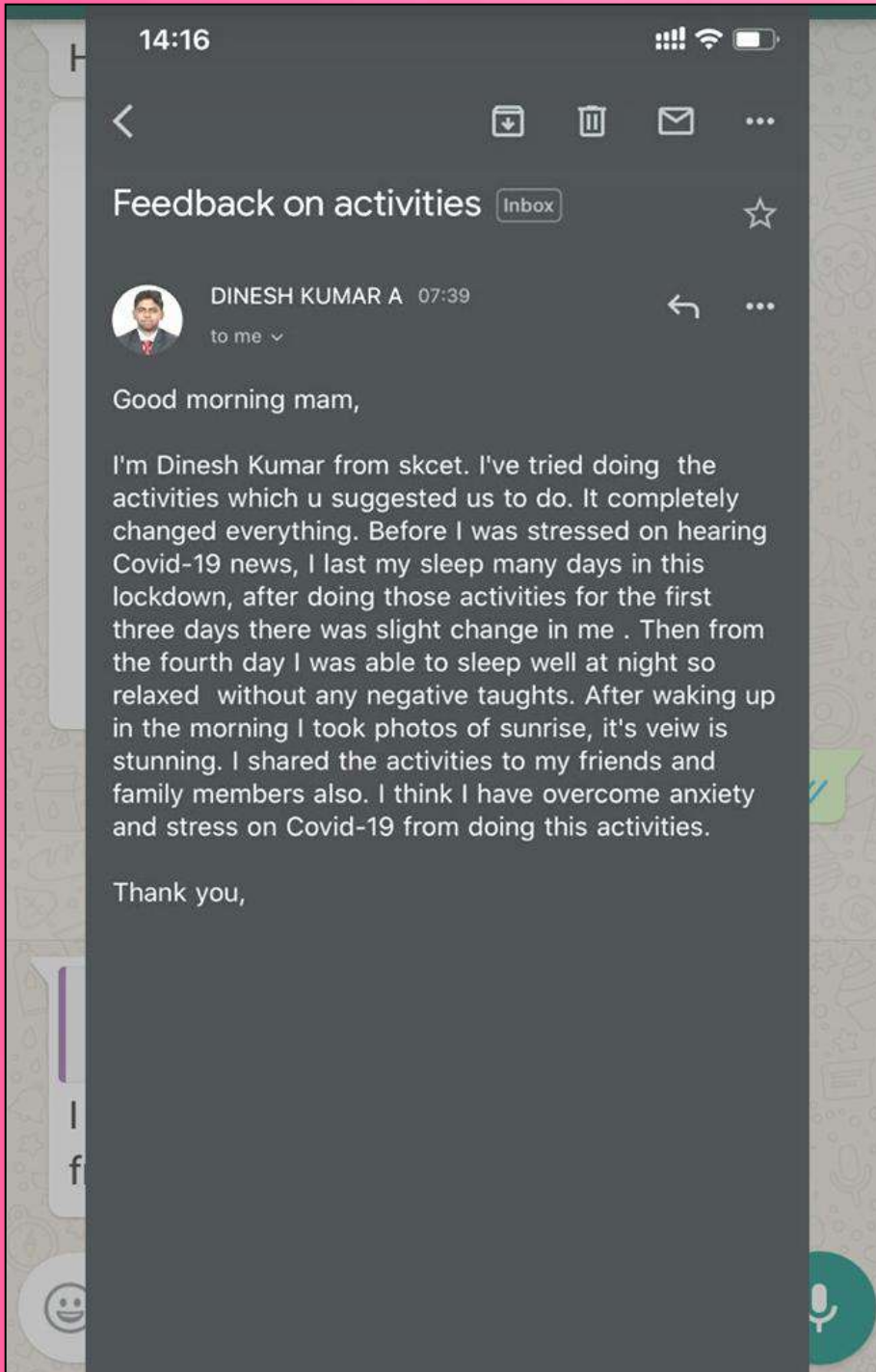


**Student Name**  
**J.KiruthikPrakash,II ECE B**

**Parent Name :**  
**Mr S Jayaprakash**



## SOM | STUDENT FEEDBACK

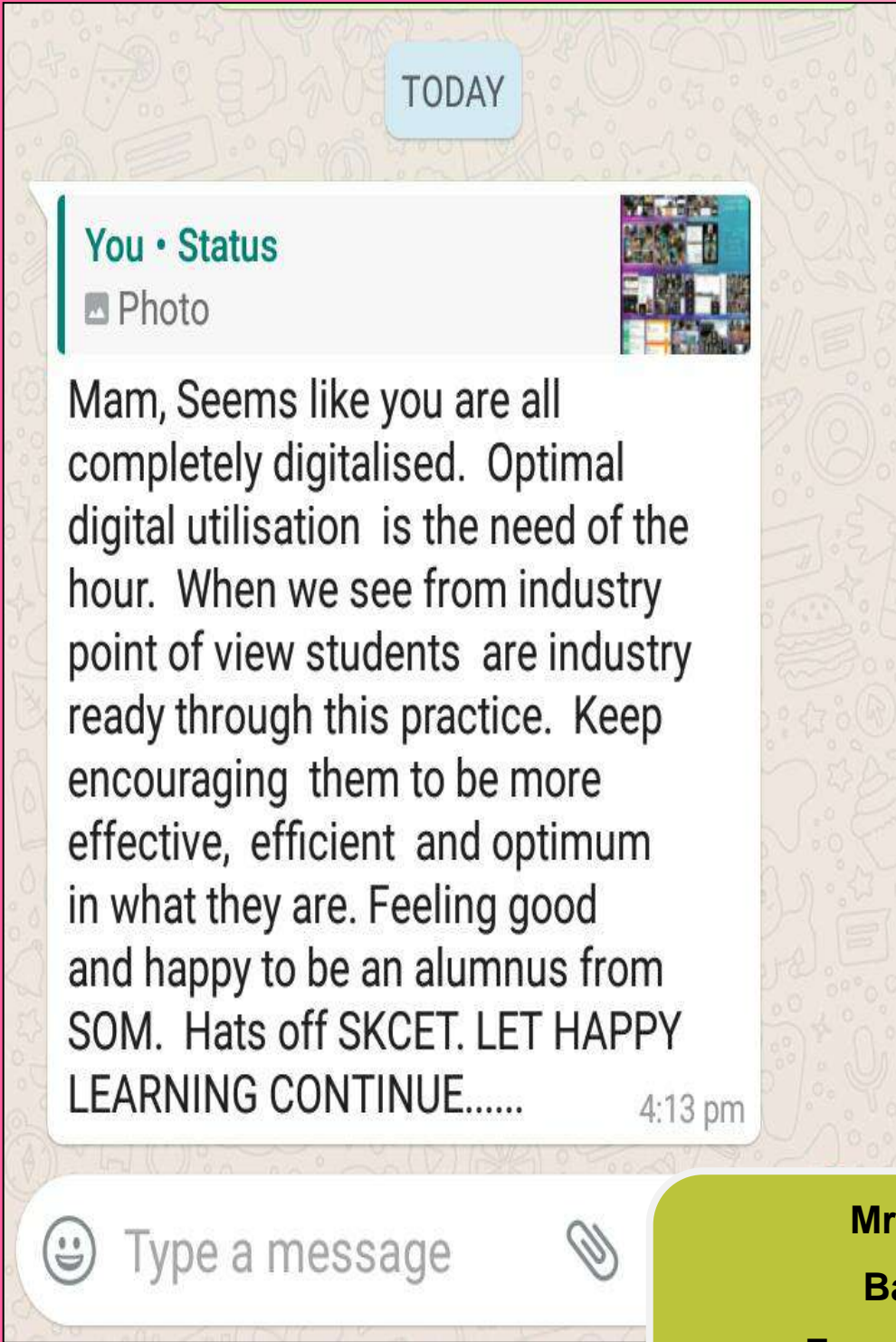


**Mr. A. Dinesh kumar**  
**Batch 2019- 2021**



Feedback after attending the 'Self Discipline- Need of the hour 'web series programme organised by SOM, SKCET.

# SOM | ALUMNUS FEEDBACK ON THE ACTIVITIES CONDUCTED DURING COVID LOCKDOWN PERIOD



**Mr. Kumar K**  
**Batch 2008**  
**Zone Sales Head,**  
**Maruthi Suzuki India Limited**



# UPCOMING EVENTS



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## EEE| UPCOMING EVENT 11.05.2020

### SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY



(AN AUTONOMOUS INSTITUTION)

(Accredited by NAAC with 'A' Grade, Accredited by NBA,

Affiliated to Anna University, Chennai)

Kuniamuthur, Coimbatore



### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

cordially invites you to join the Webinar on

## TROUBLESHOOTING OF ELECTRIC MOTORS

Resource Person

**Mr. Bob Clukey**

Technical Resource Administrator

American Trainco



11.05.2020



11.00 AM