

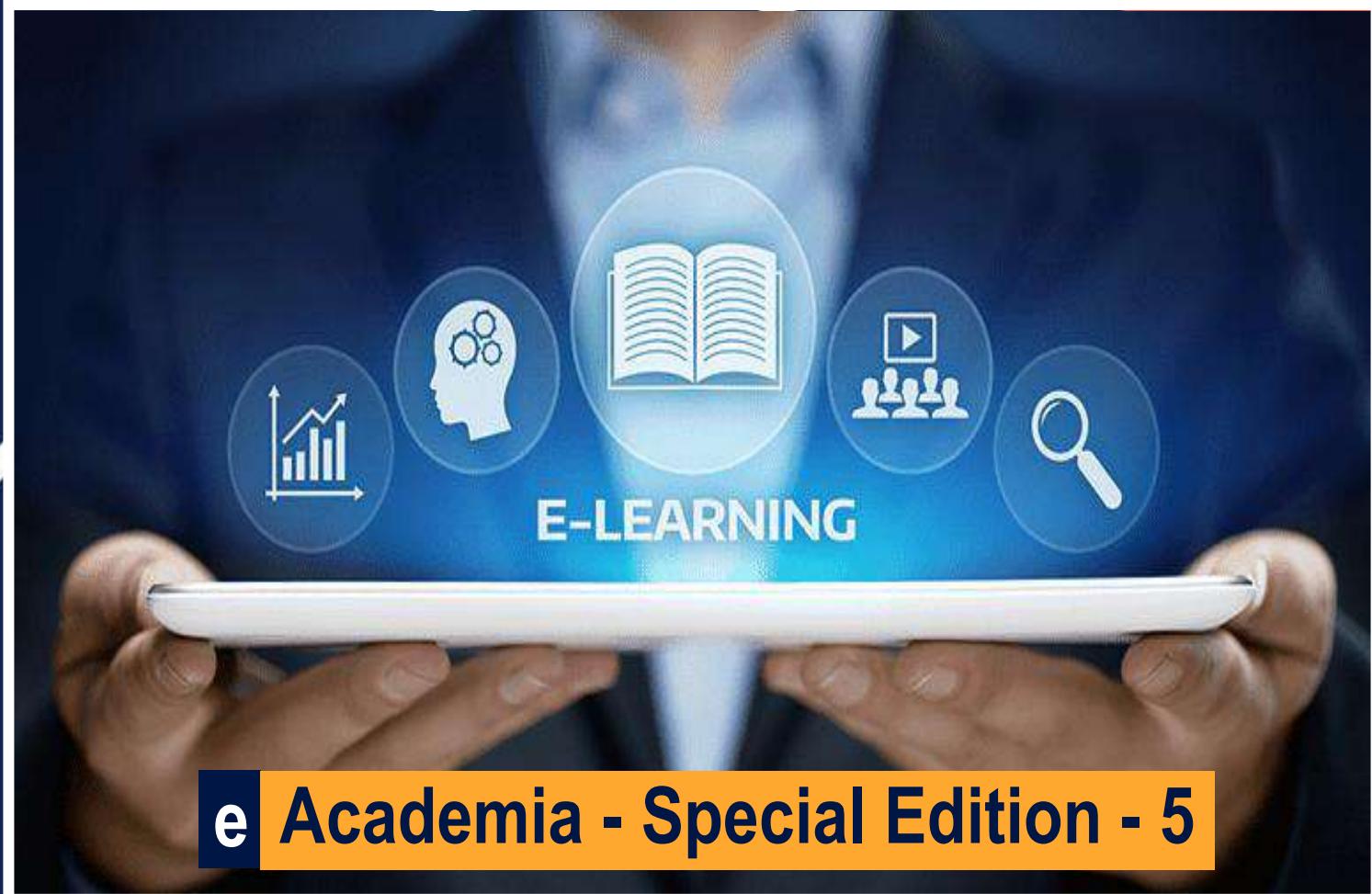


SKCET

# Buzz



27 April - 02 May 2020



e | Academia - Special Edition - 5

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## INSTITUTIONAL PLENUM



e - Academia - Special Edition 5

## INSTITUTIONAL PLENUM #1



**Principal Madam** convened a meeting with the HODs on **27.04.2020** at 10.30am through Microsoft TEAMS. The Key agenda of the meeting was on:

- Outreach / IIC/ online class progress review
- Submission of various Research proposals
- Publication status review and follow up
- Web learning series status
- Student Technical activities
- Forthcoming semester preparation by departments

## INSTITUTIONAL PLENUM #2

Meeting with all Academic Administrators of SKCET was conducted on **01.05.2020** through Microsoft TEAMS by **Principal Madam**. Review on the activities of the last week and the tasks for this week was assigned as per the following Agenda: curriculum and digital content delivery, faculty competency building, social outreach programmes and national level initiatives for Academic Institutions.



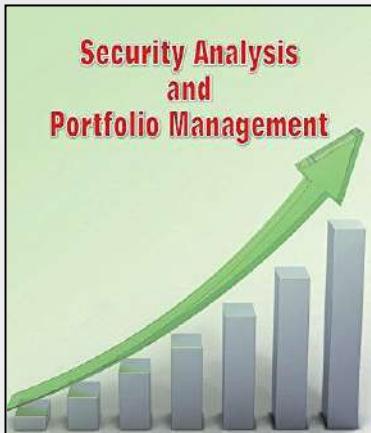
**STAY HOME**  
STAY SAFE

**SKCET**  
**Buzz**

# ONLINE VIRTUAL CLASSROOMS

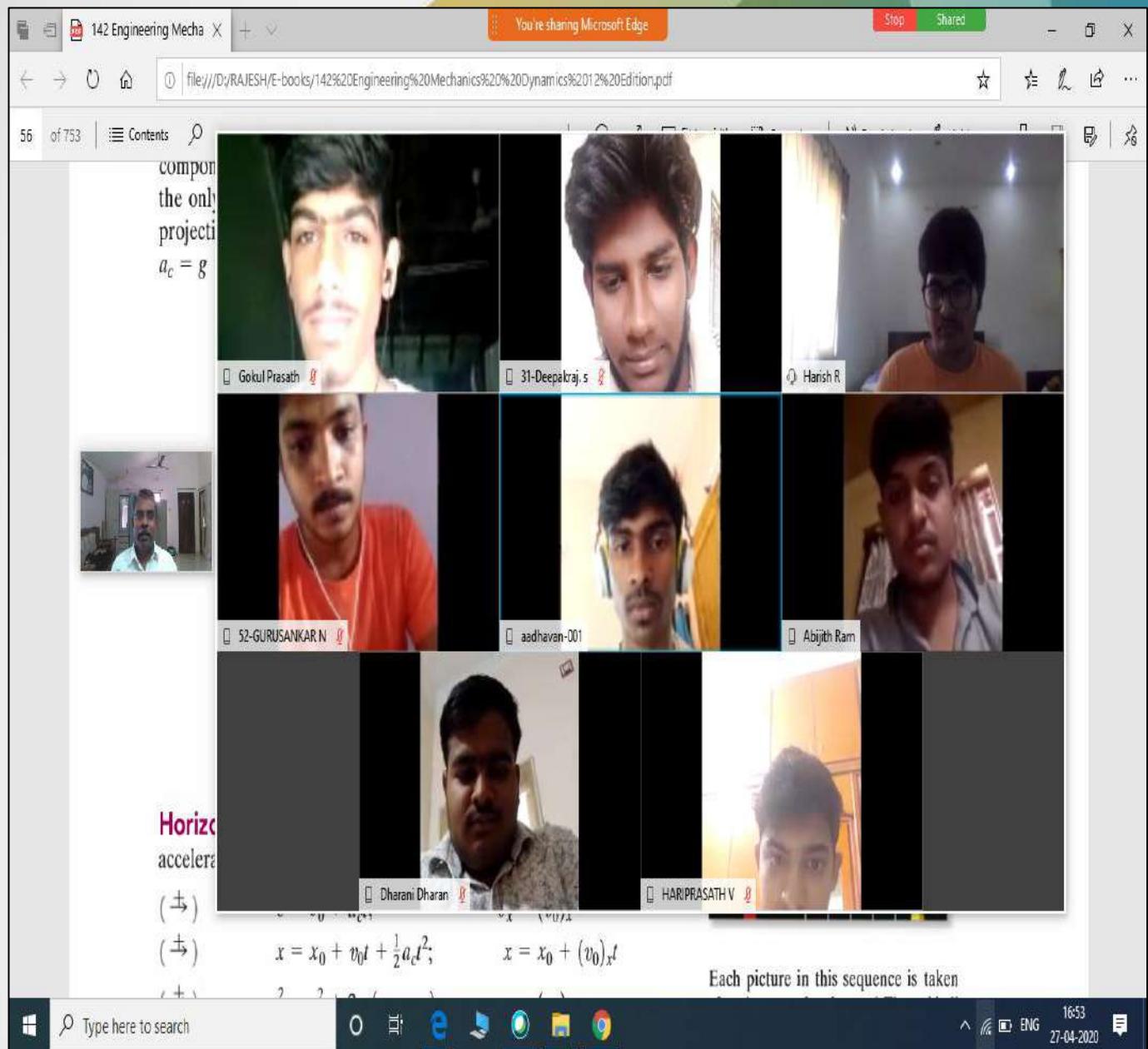
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## SOM | ONLINE LECTURE SERIES PRICE EARNINGS MULTIPLES IN VALUATION



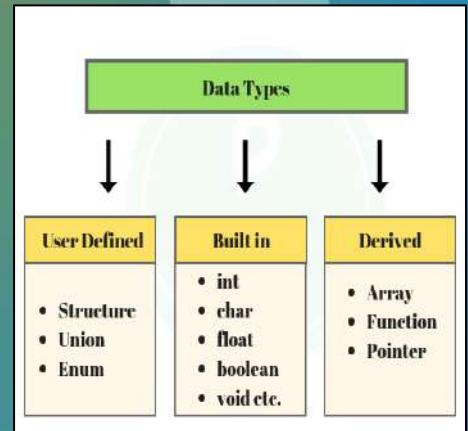
**Dr. N.Manicka Mahesh**, Associate Professor, School of Management organized an online lecture series for the course **Security Analysis & portfolio Management** for the First year MBA students on the topic '**Role of Price earnings Multiples in Valuation**'.

## MECH| E-LECTURE ON ENGINEERING MECHANICS



**Mr. A. Rajesh**, Assistant Professor, Department of Mechanical Engineering conducted online regular class series for **Engineering Mechanics** on the topic '**Projectile Motion**' on 27<sup>th</sup> April 2020.

## IT | E-LECTURE ON C PROGRAMMING



**Structures**

- To define a structure, you must use the **struct** statement.
- The struct statement defines a new data type, with more than one member variable, for your program.

**Syntax:**

```
struct [structure tag]
{
    member definition;
    member definition;
    ...
    member definition;
}
[one or more structure variables];
```

Participants (9)

Participant	Status
Anandkumar Vellaichamy	Host, me
AK	abishhek k
A	akilan
ANBU SELVAN	
C	Chujeetharamesh
D	Divya
GG	Gaunisha gaanavi G
I	Irfan
L	LAbinaya

**Dr.V.Anandkumar, Professor, Department of Information Technology,**  
conducted online coaching class for C Programming on the topic  
**"Various Data Types in C analytics"** on 28.04.2020.

## SOM | ONLINE LECTURE SERIES- PROJECT



**Mr.R. Muthukrishnan**, Assistant Professor, School of Management conducted online lecture series for **First** year MBA students on **Project Management** on 29.04.2020 through Google meet.

## CIVIL | E-LECTURE ON ENGINEERING MECHANICS

**Fig. 4.36**

**Solution:** The composite figure is divided into the following simple figures:

- (1) A rectangle  $A_1 = (14x) \times (12x) = 168x^2$   
 $x_1 = 7x; y_1 = 6x$

**Fig. 5.39**

Determine the moments of inertia of the beam's cross-sectional area shown in Fig. 5.39 about the x and y centroidal axes.

**Solution**

**Composite Parax:** The cross section can be considered as three composite rectangular areas A, B, and D shown in Fig. 5.39. For the estimation, the centroid of each of these rectangles is located in the figure.

**Parallel-Axis Theorem:** From the table in Appendix C or Example 6.11, the moment of inertia of a rectangle about its centroidal axis is  $I_g = \frac{1}{12}bh^3$ . Hence, using the parallel-axis theorem for rectangles A and D, the calculations are as follows:

**Rectangle A**

$$I_y = I_g + Ad_y^2 = \frac{1}{12}(100)(200)^3 + [100](300)(200)^2 \\ = 1.425(10^9) \text{ mm}^4$$

**Rectangle D**

$$I_y = I_g + Ad_y^2 = \frac{1}{12}(300)(100)^3 + [100](300)(200)^2 \\ = 1.39(10^9) \text{ mm}^4$$

**Rectangle B**

$$I_z = \frac{1}{12}(100)(100)^3 = 0.05(10^9) \text{ mm}^4$$

**Rectangle D**

$$I_z = I_g + Ad_z^2 = \frac{1}{12}(100)(300)^3 + [100](300)(200)^2 \\ = 1.425(10^9) \text{ mm}^4$$

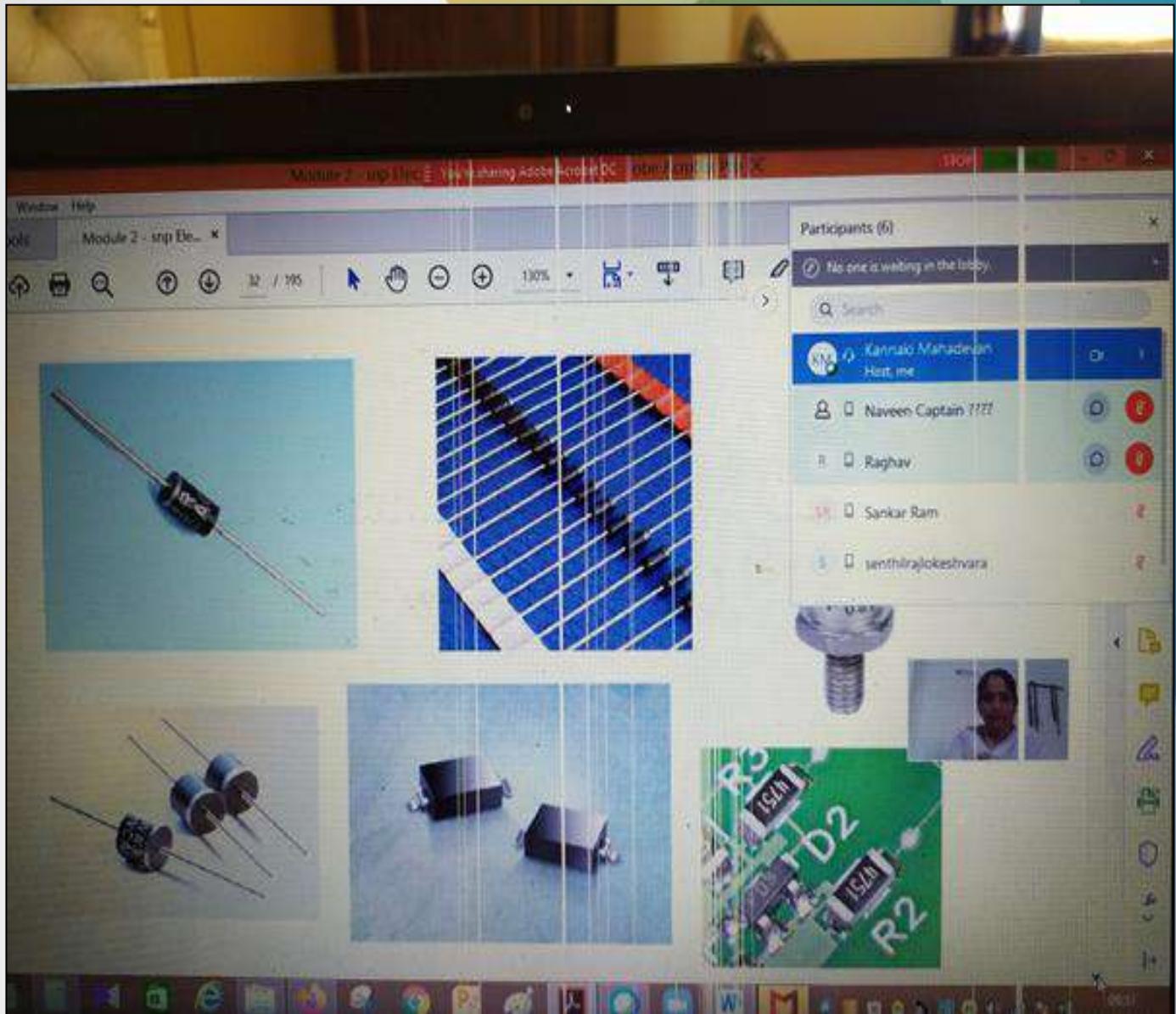
**Summation:** The moments of inertia for the entire cross section are thus

$$I_y = 1.425(10^9) + 0.05(10^9) + 1.425(10^9) \\ = 2.90(10^9) \text{ mm}^4$$

$$I_z = 1.39(10^9) + 1.425(10^9) + 1.425(10^9) \\ = 4.24(10^9) \text{ mm}^4$$

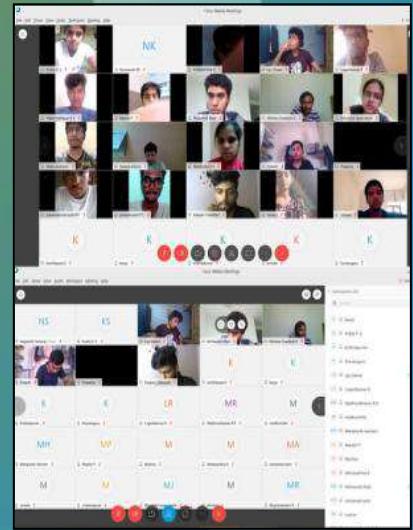
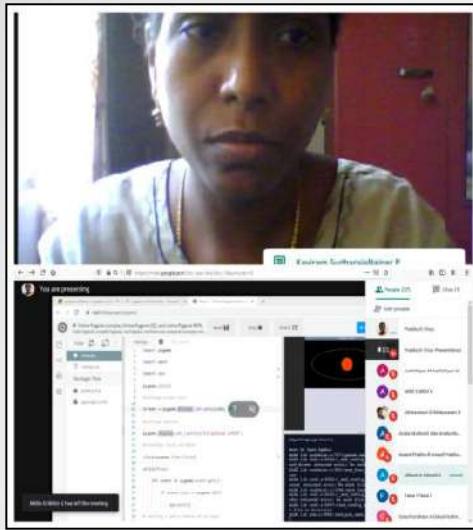
Dr.P.Saravanakumar, Associate Professor, Department of Civil Engineering conducted online regular class for the First year Civil Engineering students.

## MCT | E-LECTURE ON ELECTRICAL & ELECTRONIC DEVICES



**Ms.S.Kannaki**, Assistant Professor, Department of **Mechatronics** **Engineering** conducted online regular classes for the subject Electrical and Electronic Devices on the topic "**Diode Operation**" on 27.04.2020 and 28.04.2020.

## CSE | SPECIAL COACHING CLASSES



Code:

```
squares=set([x**2 for x in range(1,10)])
cubes=set([x**3 for x in range(1,10)])
print("squares:",squares)
print("cubes:",cubes)
print("Union:",squares.union(cubes))
print("Intersection:",squares.intersection(cubes))
print("symmetric difference:",squares.symmetric_difference(cubes))
print("Difference",squares.difference(cubes))
```

**Output:**

```
Set operations
```

**Sets**

- Sets is another data structure supported by python equivalent to sets in mathematics.
- You can add and delete elements of a set, you can iterate the elements of the set, you can perform standard operations on sets (union, intersection, differences).
- Besides that, you can check if an element belongs to a set.
- Sets are same as lists but with a difference that sets are lists with no duplicate entries.
- Set is a mutable and an unordered collection of items.
- We can easily add or remove items in the set.
- Sets are unordered, so the items will appear in a random order.

Exceptions are runtime anomalies or unusual conditions(such as divide by zero, accessing arrays out of its bounds, running out of memory or disk space, overflow, and underflow) that a program may encounter during execution.

Diagram illustrating Set Operations:

Set Operations	Visual Diagram	Definition/Explanation
Union		It is the set of all elements which are in one set or the other or both sets.
Intersection		It is the set of all elements which are in both sets.
Difference		It is the set of all elements which are in set A but not in set B.
Symmetric Difference		It is the set of all elements which are in either set A or set B but not both.

Participants in the session:

- Priya A
- HARI RAJA M
- BARATH KUMAR R
- BINESH J
- BRINDHA K K
- DARWESH FAZIL A

Participants in the session:

- M
- P
- R

Code:

```
a = Hello world
b = a[0:2]
print(b)
print(a[3])
print(b[1])
print(a[4])
print(b[2])
```

**Output:**

```
He
H
e
l
o
```

To provide better learning and development platform to students as per their requirements, Department of CSE conducted Online coaching classes for **I B.E/M.Tech and I CSE** students through Cisco WebEx Meet. Dr. D. Prabha, Ms.B.Sophia, Dr.K.Rama Abhirami, Ms.S.Nagajothi and Ms.A.Priya, Assistant Professors, CSE handled sessions on Python Programming, Digital Principles & System Design.

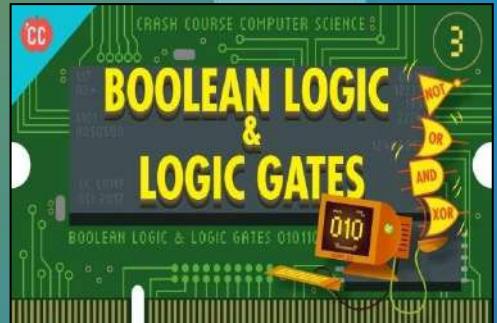
## MCT | E-LECTURE ON ELECTRICAL & ELECTRONIC DEVICES

$\rightarrow A + AB = A$   
 $\rightarrow A \cdot (\bar{A} + B) = A$ .

Scanned by CamScanner

Reduction of Boolean expressions:

1. Prove that  $AB + BC + \bar{B}C = AB + C$ .  
 $\text{Sol: } AB + BC + \bar{B}C = AB + C(B + \bar{B})$   
 $= AB + C(CD)$   
 $= AB + C$   
Hence it is proved.
2. Simplify the given expression  $A + A \cdot \bar{B} + \bar{A} \cdot B$ .  
 $\text{Sol: } A + A \cdot \bar{B} + \bar{A} \cdot B = A(1 + \bar{B}) + \bar{A}B$   
 $= A + \bar{A}B$   
 $= A + B$ .
3. Simplify the expression  $AB + \bar{A}C + ABC(\bar{A} + C)$ .  
 $\text{Sol: } AB + \bar{A}C + ABC(\bar{A} + C) = AB + \bar{A}C + ABC - AB + ABC \cdot C$



Boolean postulates & laws:

Boolean laws:

- Commutative law.
- Associative law.
- Distributive law.

Commutative law:

$$A \cdot B = B \cdot A$$

$$A + B = B + A$$

Diagram illustrating commutativity for AND and OR gates:

For AND gate:

$$\begin{array}{ccc} A & \xrightarrow{\text{AND}} & Y = A \cdot B \\ B & \xrightarrow{\text{AND}} & Y = B \cdot A \end{array}$$

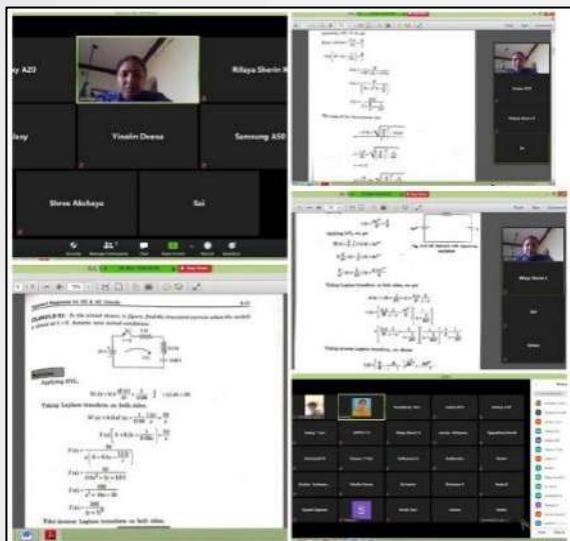
For OR gate:

$$\begin{array}{ccc} A & \xrightarrow{\text{OR}} & Y = A + B \\ B & \xrightarrow{\text{OR}} & Y = B + A \end{array}$$


**Ms.S.NithyaPriya**, Assistant Professor, Department of Mechatronics Engineering conducted online regular class for Electrical and Electronic Devices on the topic "Logic gates, Boolean postulates and laws, reduction of Boolean algebra" on 28.04.2020.

## S&H| SPECIAL COACHING CLASSES

Linear Algebra: Gauss elimination method and Rank of matrix



**Engineering Computer Interface**  
**Biology: Basics of Electrical Circuits: RLC Transients with DC Excitation**  
**Brain and RC Transients with AC**

**LAURENT'S SERIES**

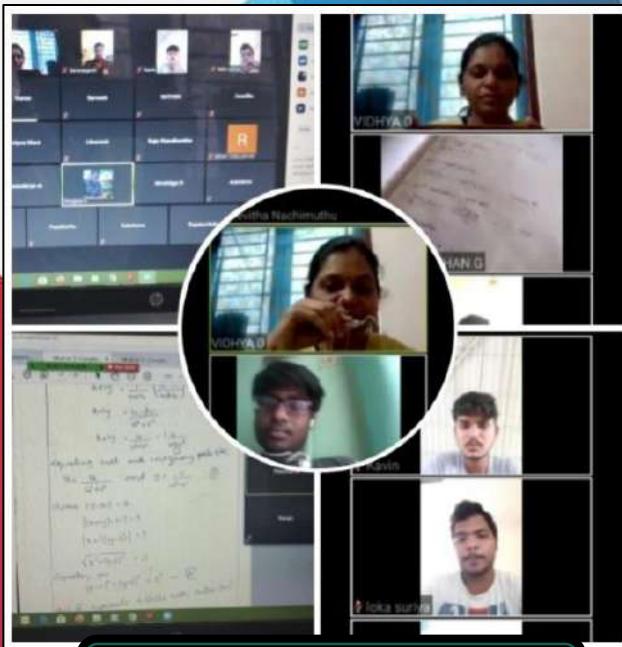
Let  $C_1, C_2$  be two concentric circles  $|z - a| = R_1$  and  $|z - a| = R_2$  where  $R_2 < R_1$ . Let  $f(z)$  be analytic on  $C_1$  and  $C_2$  and in the annular region  $R$  between them. Then for any point  $z$  in  $R$ ,

$$f(z) = \sum_{n=0}^{\infty} a_n (z-a)^n + \sum_{n=1}^{\infty} \frac{b_n}{(z-a)^n}$$

$$= \sum_{n=0}^{\infty} a_n (z-a)^n + \frac{b_1}{(z-a)^1} + \frac{b_2}{(z-a)^2} + \dots + \frac{b_n}{(z-a)^n}$$

where  $a_n = \frac{1}{2\pi i} \int_{C_1} \frac{f(z)}{(z-a)^{n+1}} dz$

Topic: Laurent's Series



Topic: Analytic function

## MCT | E-LECTURE ON APPLIED MECHANICS

Centroid of simple plane figures			
Shape	$\bar{x}$	$\bar{y}$	AREA
Square	$\frac{a}{2}$	$\frac{a}{2}$	$a^2$
Rectangle	$\frac{l}{2}$	$\frac{b}{2}$	$l.b$



$A_1 = l \times b = 30 \times 10 = 300 \text{ mm}^2$   
 $x_1 = \frac{l}{2} = \frac{30}{2} = 15 \text{ mm}$   
 $y_1 = \frac{b}{2} = \frac{10}{2} = 5 \text{ mm}$

Consider Section ②:

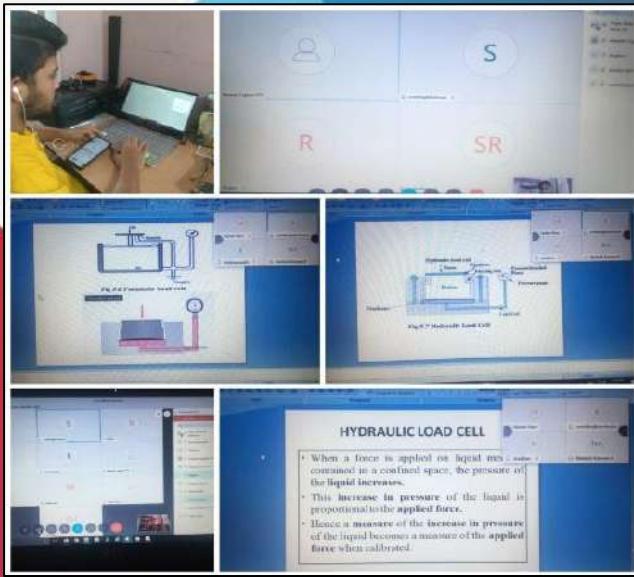
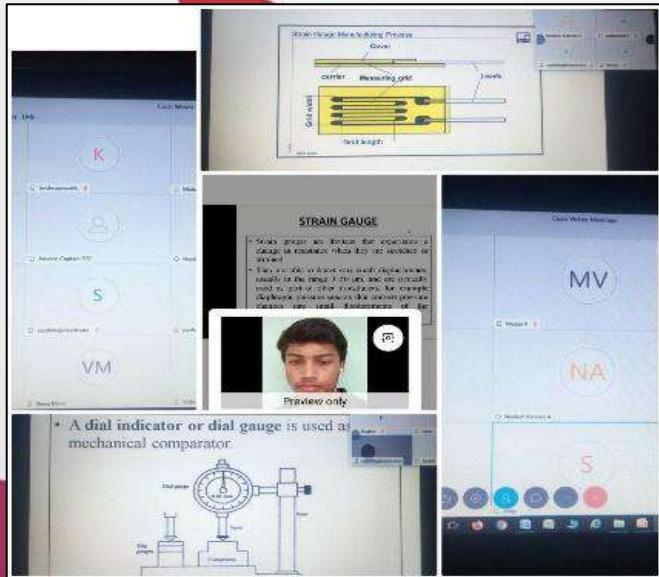
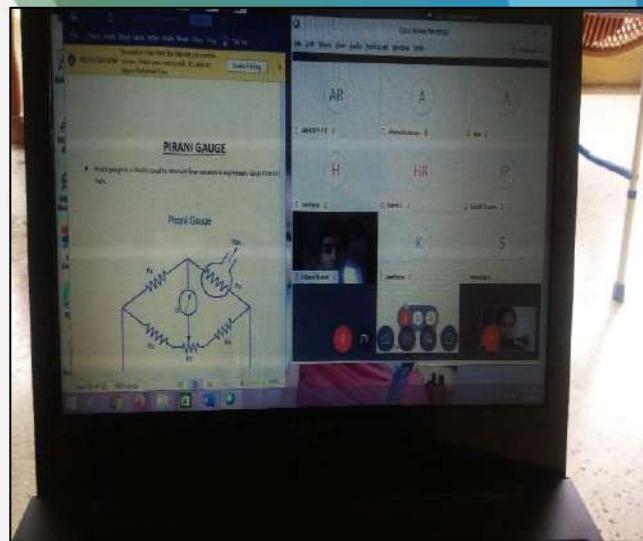
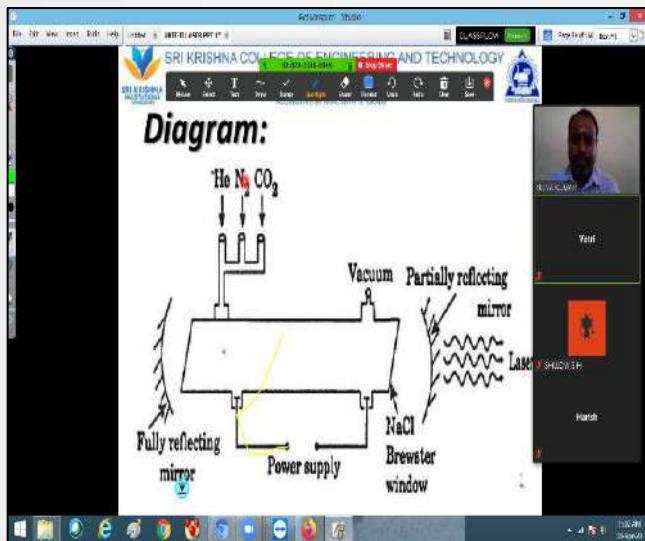
$A_2 = l \times b = 10 \times 40 = 400 \text{ mm}^2$   
 $x_2 = \frac{l}{2} = \frac{10}{2} = 5 \text{ mm}$

Mr.S.Panneerselvam, Assistant Professor, Department of Mechatronics Engineering conducted online regular class for Applied Mechanics on the topic "**Centroid of common shapes**" on 29.04.2020 and 30.04.2020.

## S&H | SPECIAL COACHING CLASSES

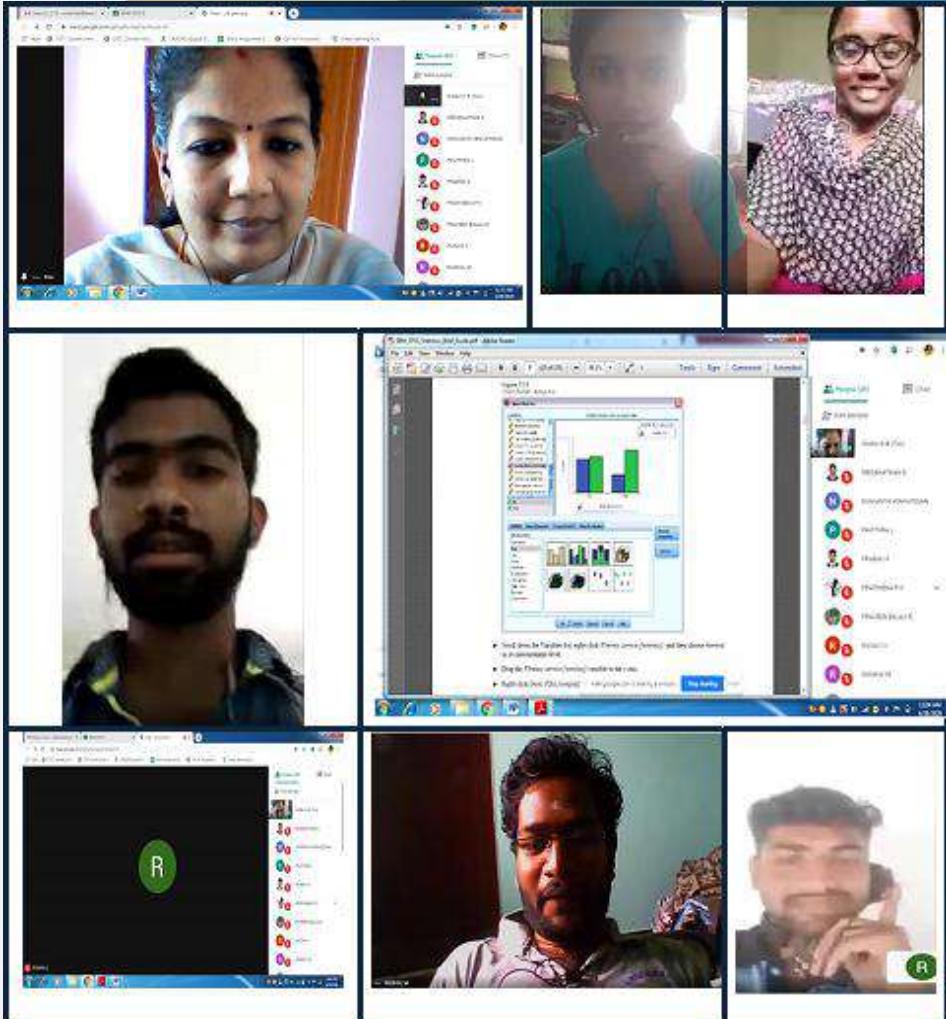
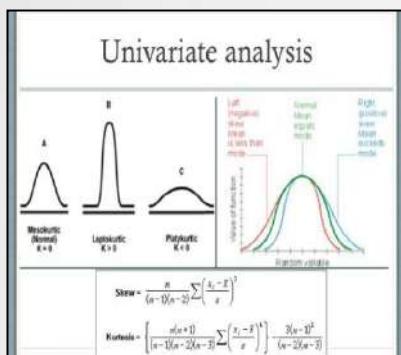


### Electron Devices and Circuits Rectifiers, Clippers, Clampers and their types



### TOPIC: DIAL GAUGE AND STRAIN GAUGE & LOAD CELL

## SOM | ONLINE LECTURE SERIES BUSINESS & MARKET RESEARCH



**Dr Sridevi K B**, School of Management conducted online lecture series for First year MBA – Business and Market Research – B section students on '**Univariate Analysis and Recap of SPSS Exercises**' on 28.04.2020 through Google Meet. Discussion topics were Univariate analysis tools, Interpreting charts and types, SPSS installation, Variable view & Data view, Data cleansing and Importing Excel file to SPSS.

## CSBS | ONLINE CLASS ON DATA STRUCTURES

**MODULE III**

**Searching:**

- Sequential Search
- Binary Search
- Breadth First Search, Depth First Search

**Sorting:**

- Insertion Sort
- Selection Sort
- Shell Sort

Divide and Conquer Sort:

- Merge Sort
- Quick Sort
- Heap Sort

**Introduction to Hashing File:**

- Organization**
- Sequential,
- Direct,
- Indexed Sequential,

Hashed - various types of **accessing** schemes.

**19CB201**  
**DATA STRUCTURES**  
**MODULE - III**  
File organization - Hashing  
Dr. G. Ignisha Rajathi

**TYPES OF HASH FUNCTIONS**

**5. Digit Analysis Method**

Digits from some positions are chosen from the key. Extracted digits are reversed.

**Example:**  
key = 673254

Choose 2, 4, 6 positions

Digits at those positions are 7, 2 and 4

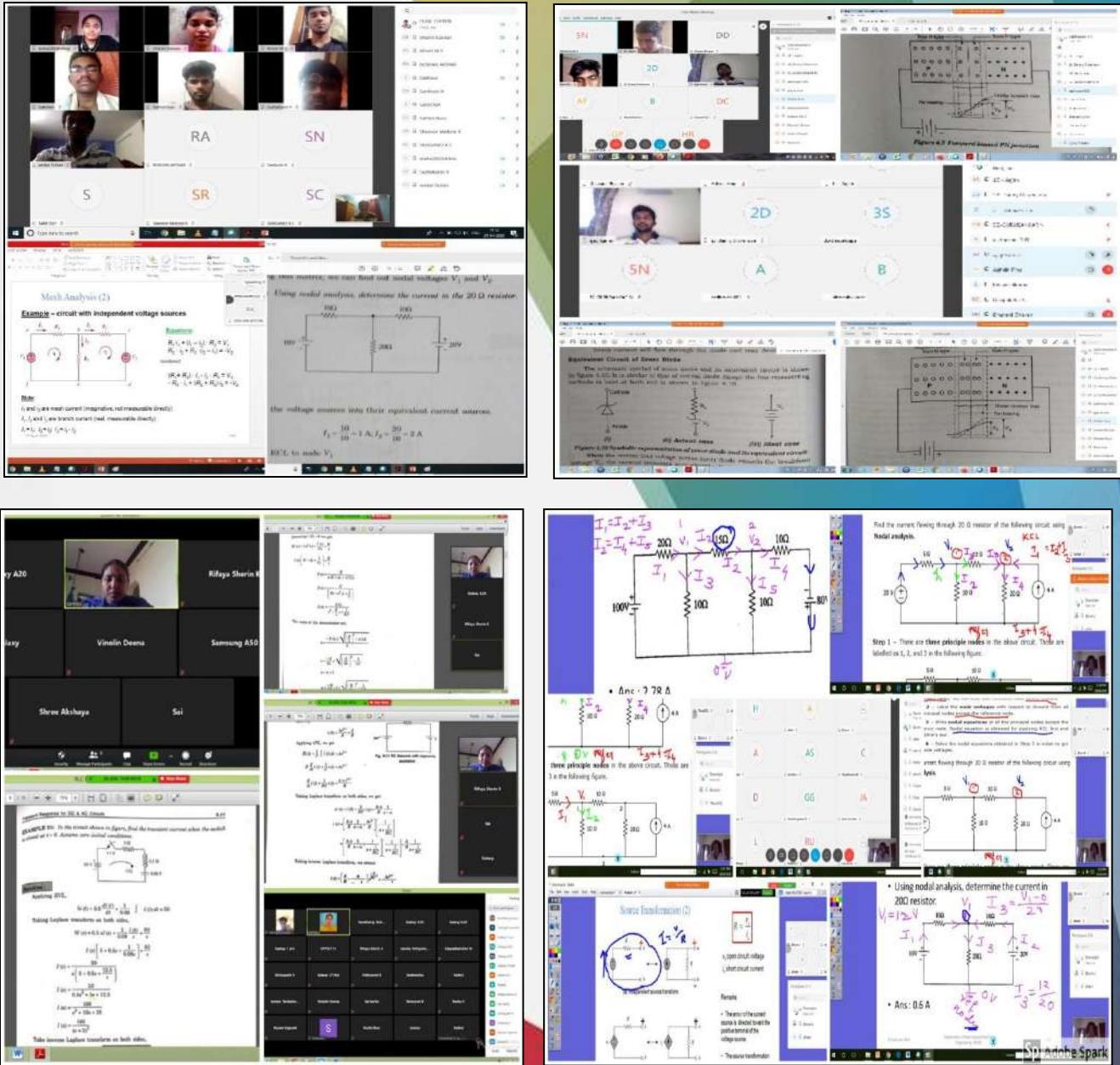
Reverse of the digits are 427

So, Hash(key) = 427

The Department of **Science and Humanities** scheduled a Special Coaching Class for the **First year CSBS** students to provide supportive growth in academics by **Dr. G. Ignisha Rajathi, CSBS.**

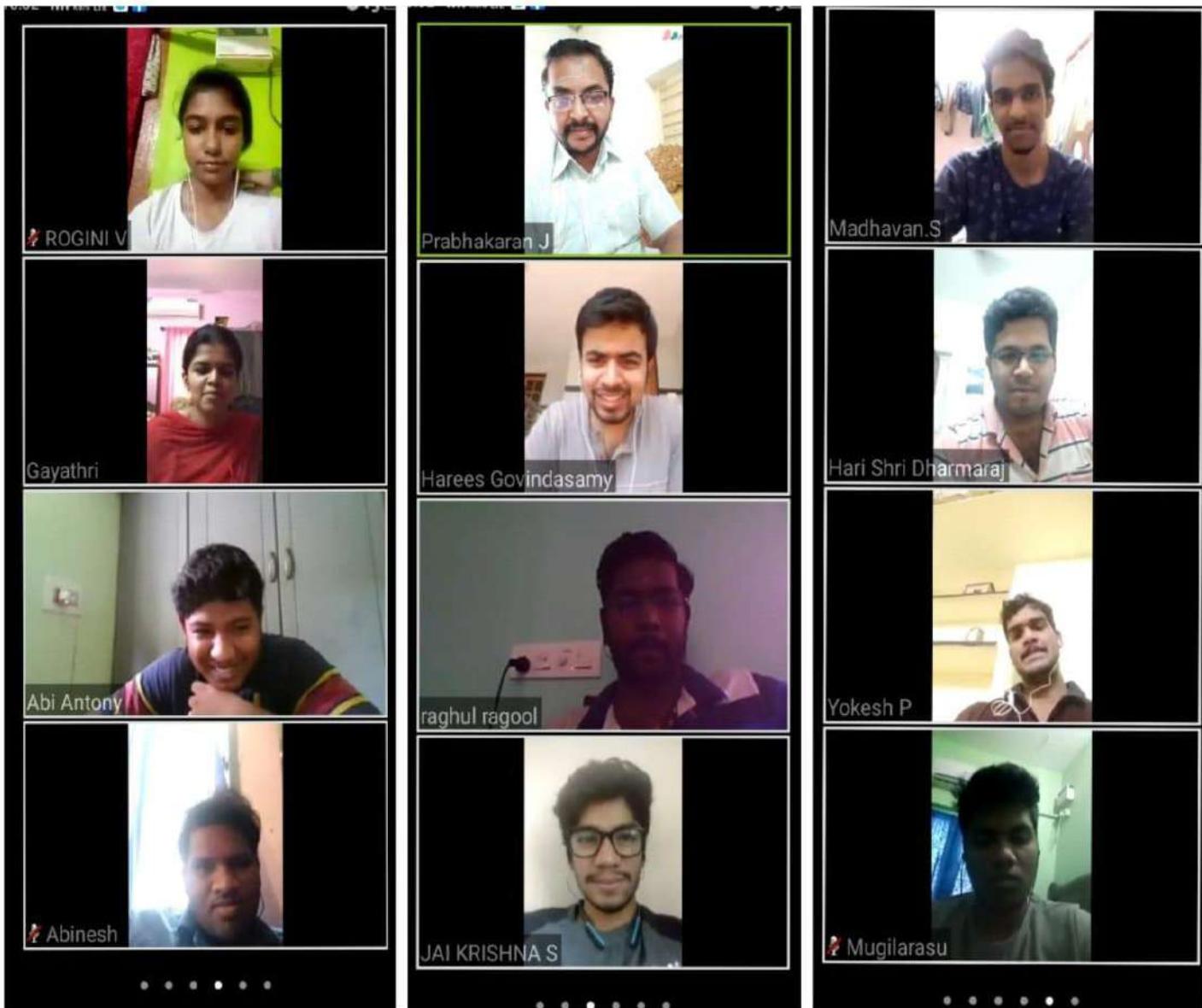
**Topics:** File organization, Types, Hashing and Various access methods

## EEE | SPECIAL COACHING CLASSES



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

## SOM | ONLINE LECTURE SERIES- FOREIGN EXCHANGE



**Mr. J.Prabhakaran**, Assistant Professor, **School of Management** conducted an online lecture series on “**Foreign Exchange Management**” for Finance elective. The following topics were discussed: Forex facilities for Residents and NRI's, Export credit guarantee corporation.

## IT | E-LECTURE ON STORAGE CLASSES IN C

Storage classes in C				
Storage Specifier	Storage	Initial value	Scope	Life
auto	stack	Garbage	Within block	End of block
extern	Data segment	Zero	global Multiple files	Till end of program
static	Data segment	Zero	Within block	Till end of program
register	CPU Register	Garbage	Within block	End of block



Chapter 8: Data Types Revisited 227

A value stored in a CPU register can always be accessed faster than the one stored in memory. Therefore, if a variable is frequently placed in a register, it is better to declare its storage class as register. A good example of frequently used variables is loop counters. We can assign their storage class as register.

```
main()
{
    register int i;
    for (i = 1; i < 100; i++)
        printf("%d\n", i);
}
```

Here, even though we have declared the storage class of `i` as register, we cannot say for sure that the value of `i` would be stored in a CPU register? Why? Because the number of CPU registers are limited, and they may be busy doing some other task. What happens in such an event... the variable works as if its storage class is auto.

Not every type of variable can be stored in a CPU register.

The term **not mentioned storage classes** just means the storage classes defined in C. We were able to get away with this because storage classes have defaults. If we don't specify the storage class of a variable in its declaration, the compiler will assume a storage class depending on the context in which the variable is used. Thus, variables have certain default storage classes.

First C compiler's point of view, a variable name identifies some physical location within the computer where the string of bits representing the variable's value is stored. There are basically two kinds of locations in a computer where such a value may be kept—Memory and CPU registers. It is this variable's storage class that determines in which of these two locations the value is stored.

Moreover, a variable's storage class tells us:

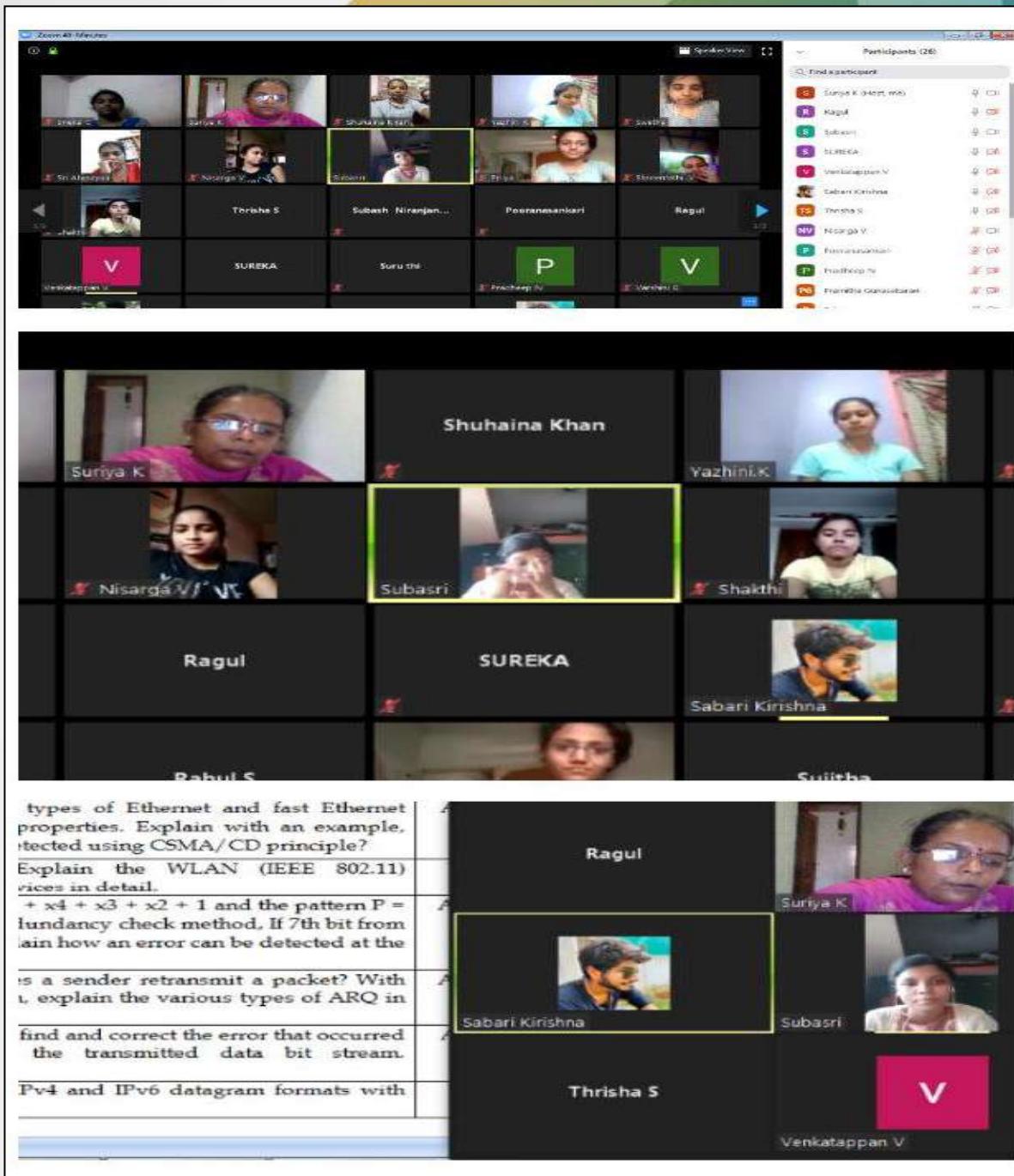
- Where the variable would be stored.
- What will be the initial value of the variable, if initial value is not specifically assigned (i.e. the default initial values).
- What is the scope of the variable, i.e. in which functions the variable would be available.
- What is the life of the variable, i.e. how long would the variable exist.

**Dr.V.Anandkumar, Professor, Department of Information**

Technology, has conducted online coaching class for C Programming

on the topic " Storage Classes in C" on 30.04.2020.

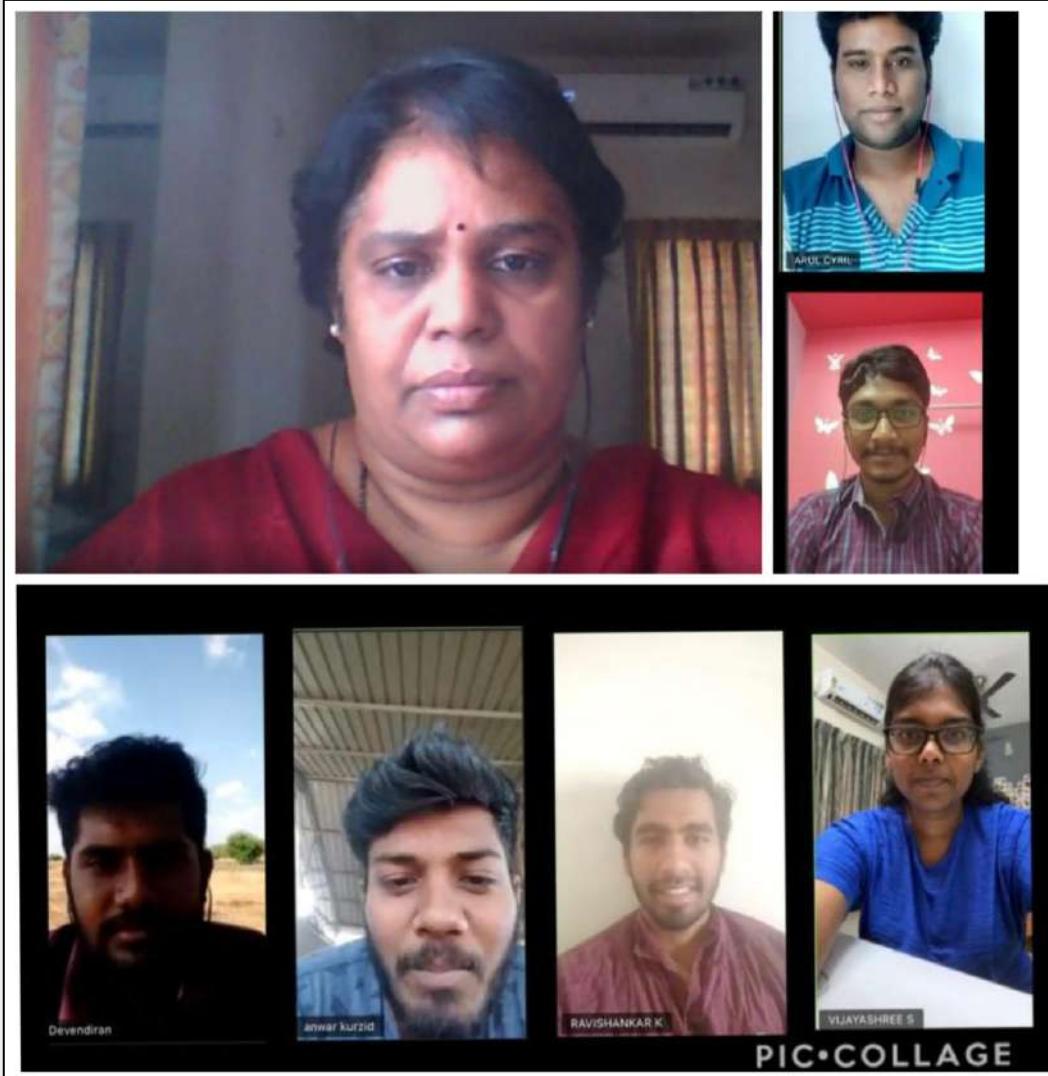
## ECE | ONLINE REVISION CLASS ON NETWORKS



Ms.K.Suriya of Department of ECE conducted revision class for II ECE C students on 28.04.2020 for the course ‘Data Communication & Networks’.

## SOM| ONLINE LECTURE SERIES

### BUSINESS PLAN DEVELOPMENT FOR SMALL BUSINESS



**Dr. P.Vijayalakshmi Menon**, Associate Professor, School of Management conducted online lecture series for First year MBA students who have opted Business Plan Development for Small Business – Entrepreneurship elective on 29.04.2020. Discussion areas were ‘Project monitoring and implementation, Environmental Aspects and Commercial Viability of the business.

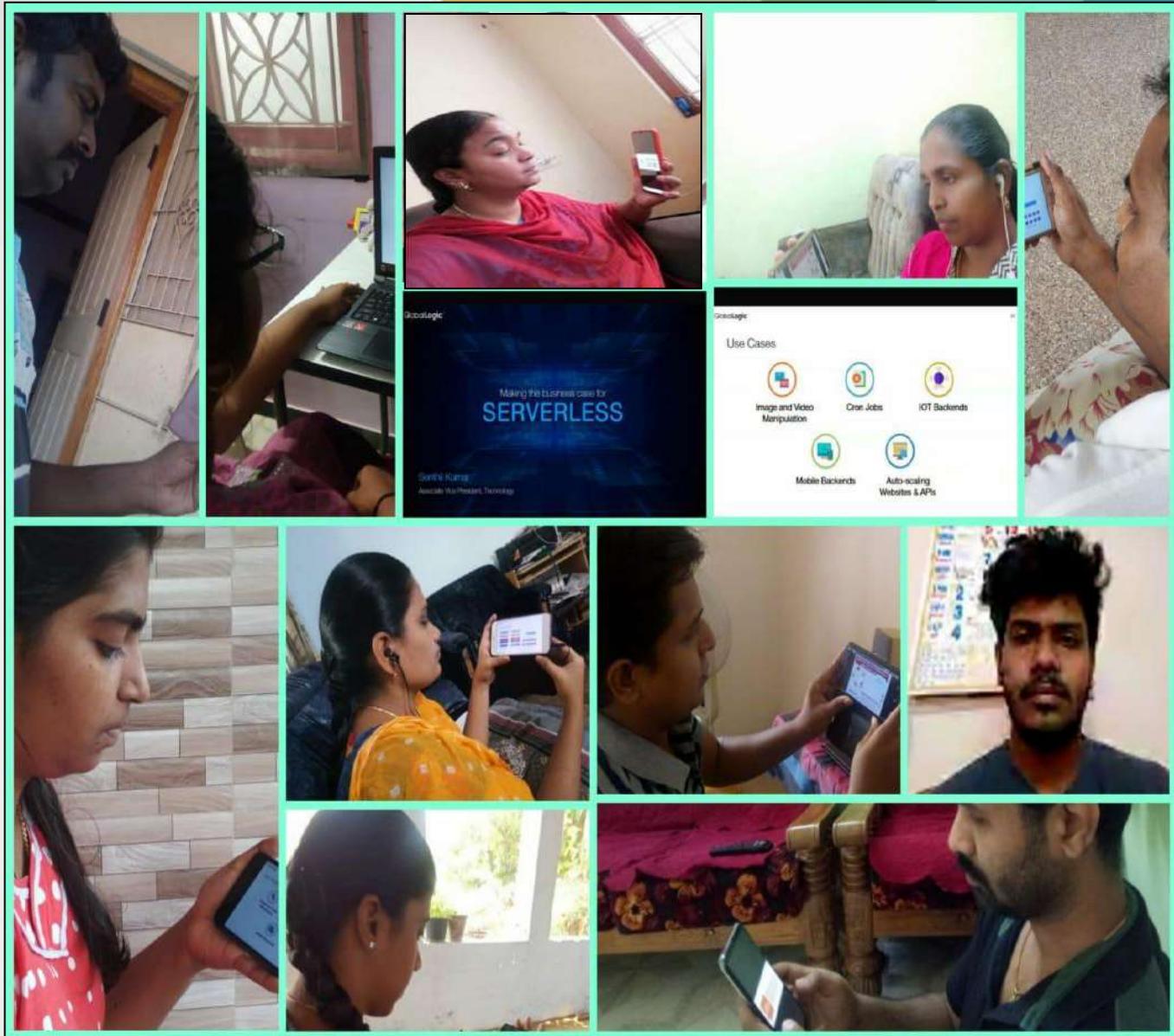


## WEBINARS ON COMPUTING



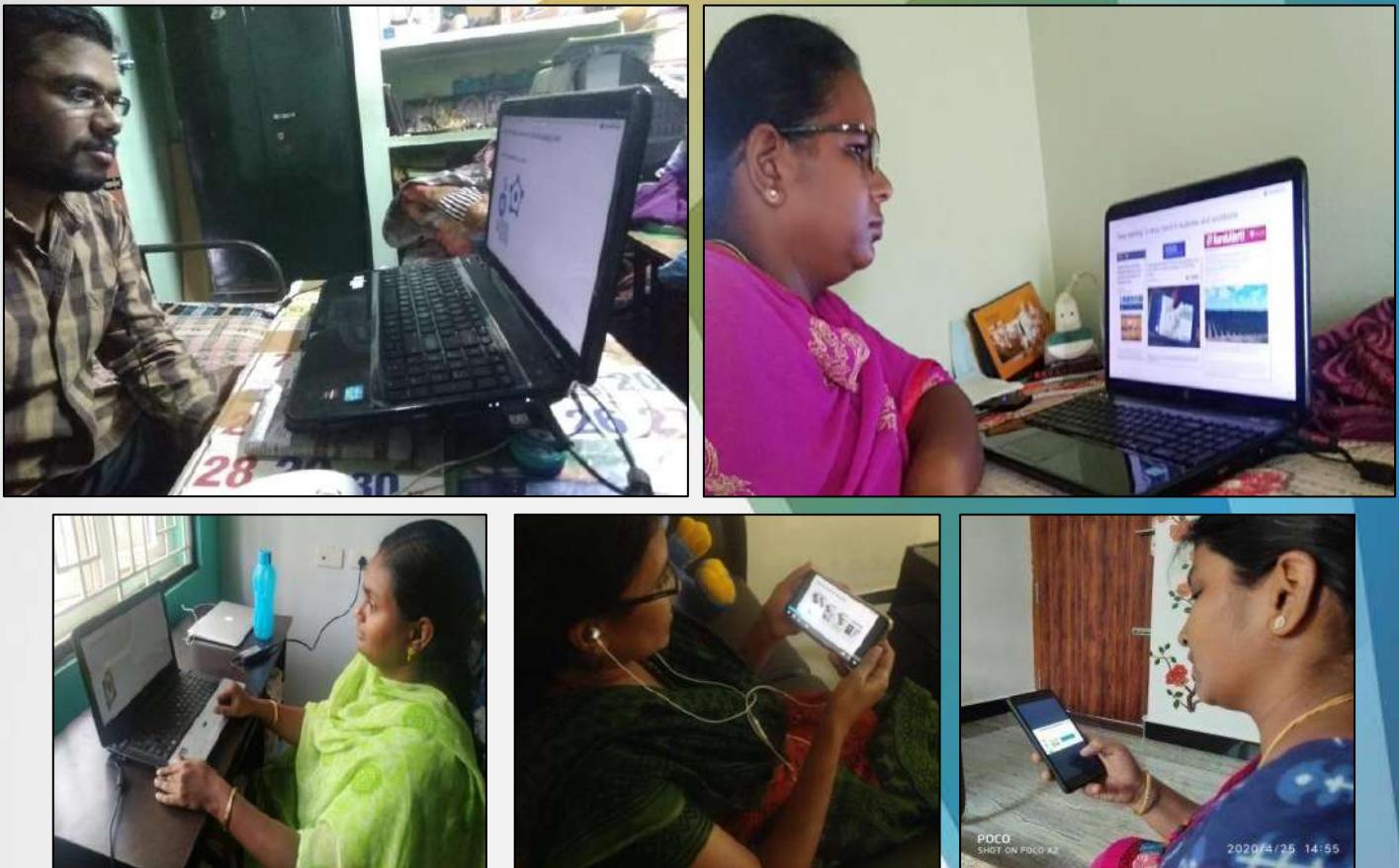
e - Academia - Special Edition 5

## #1 IT | BUSINESS CASE FOR SERVERLESS COMPUTING



The Institution's Innovation Council (IIC) of SKCET and Department of Information Technology organized webinar series. **Mr. Senthil Kumar, Global Logic India** addressed on '**The Business Case for Server less Computing**' on 25.04.2020. He elaborated the session with insights on Server less Computing, Building Lightweight Applications, Microwave Architecture and Auto scaling Websites.

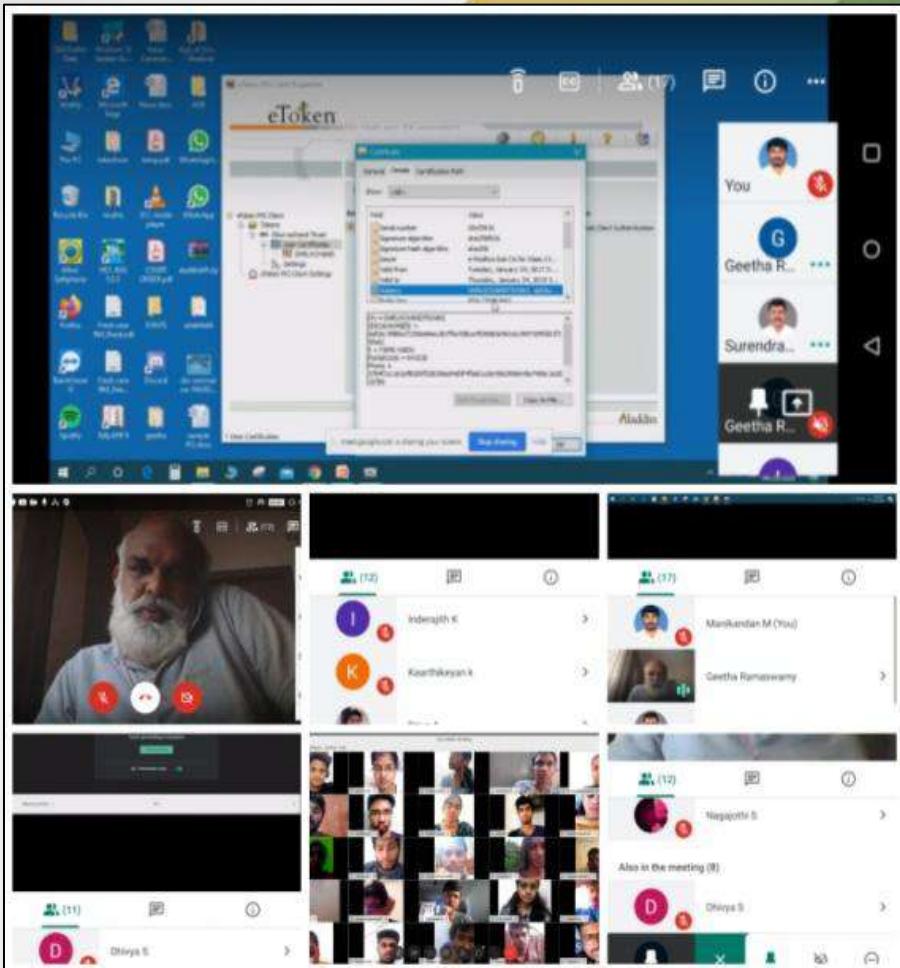
## #2 ECE | DEEP LEARNING IN AGRICULTURE



Institution's Innovation council (IIC) and Department of ECE organized an online webinar on the topic '**Deep Learning in Agriculture**' on **25.04.2020** delivered by **Mr.Syed Hussain**, Mathworks. The key take-aways of this webinar were:

- Prepare large sets of images to suit the Deep Learning Models
- Start using existing deep learning models to tackle classification problems
- Deploying the model for processing batches of images
- Discover the features learnt by deep learning model

## #3 CSE | CURRENT TRENDS IN DIGITAL SIGNATURE



To impart the knowledge in Digital Signature, **Institution's Innovation Council (IIC)** of SKCET and Department of CSE organized a Webinar titled "**Current Trends in Digital Signature**" on 29.04.2020 for CSE students and faculty members through Google Meet. **Mr.V.Muthukumar**, CRM, Futurenet Technologies, Chennai was the resource person for the event. He gave a detailed insight on Purpose, Challenges, Opportunities, Drawbacks of Digital Signature and its Real Time applications.

## #4 IT | ESSENTIAL TIPS FOR PUBLISHING IN HIGH-IMPACT JOURNALS

The collage includes:

- A banner at the top with the text "Essential Tips for Publishing in High-Impact Journals".
- An icon showing a person thinking and planning, with arrows indicating a cyclical process.
- A woman sitting at a desk, looking at a laptop screen which displays a document with several bullet points.
- A woman holding a smartphone, looking at the screen.
- A graphic titled "3 STEPS TO START A RESEARCH PAPER" with three icons: a lightbulb for "CHOOSE A RESEARCH PAPER TOPIC", a bar chart for "RESEARCH THE TOPIC", and a document for "CREATE A THESIS STATEMENT".
- A small circular icon with four colored dots (red, blue, yellow, green).
- A banner at the bottom right of the collage that says "PIC•COLLAGE".

The Institution's Innovation Council (IIC) of SKCET and the Department of Information Technology organized webinar series on "**Essential Tips for publishing in High-Impact Journals**". Resource person was Dr.M.Venkateshkumar, Assistant Professor(Sr.G), Amrita School of Engineering, Chennai, on 25.04.2020.

## #5 CSBS| MVC ARCHITECTURE OVER CLOUD

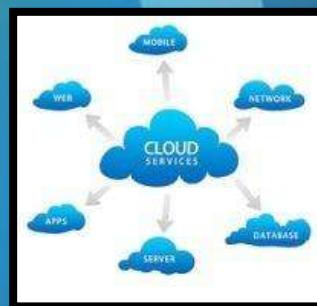
SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY  
An Autonomous Institution, Accredited by NAAC with 'A' Grade  
INSTITUTION'S INNOVATION COUNCIL  
(Ministry of HRD Initiative)

Department of Computer Science and Business Systems  
MVC Architecture over Cloud Applications  
Resource Person  
Mr. Raja Srinivasan  
Development Manager  
Simptra Technologies

28.04.2020  
6:30 PM

CISCO Webex Meet

son f t in sk



Department of **Computer Science and Business Systems** organized a webinar titled "**MVC Architecture over Cloud Applications**" on 28.04.2020 for Faculty members, First and Second year students through Cisco WebEx app. **Mr. Raja Srinivasan**, Development Manager, Simptra Technologies, Chennai was the resource person. He elaborated the session with MVC Architecture, Cloud Architecture and SFDC – CRM.

## #6 ECE | SYSTEM PROGRAMMING AND AVENUES

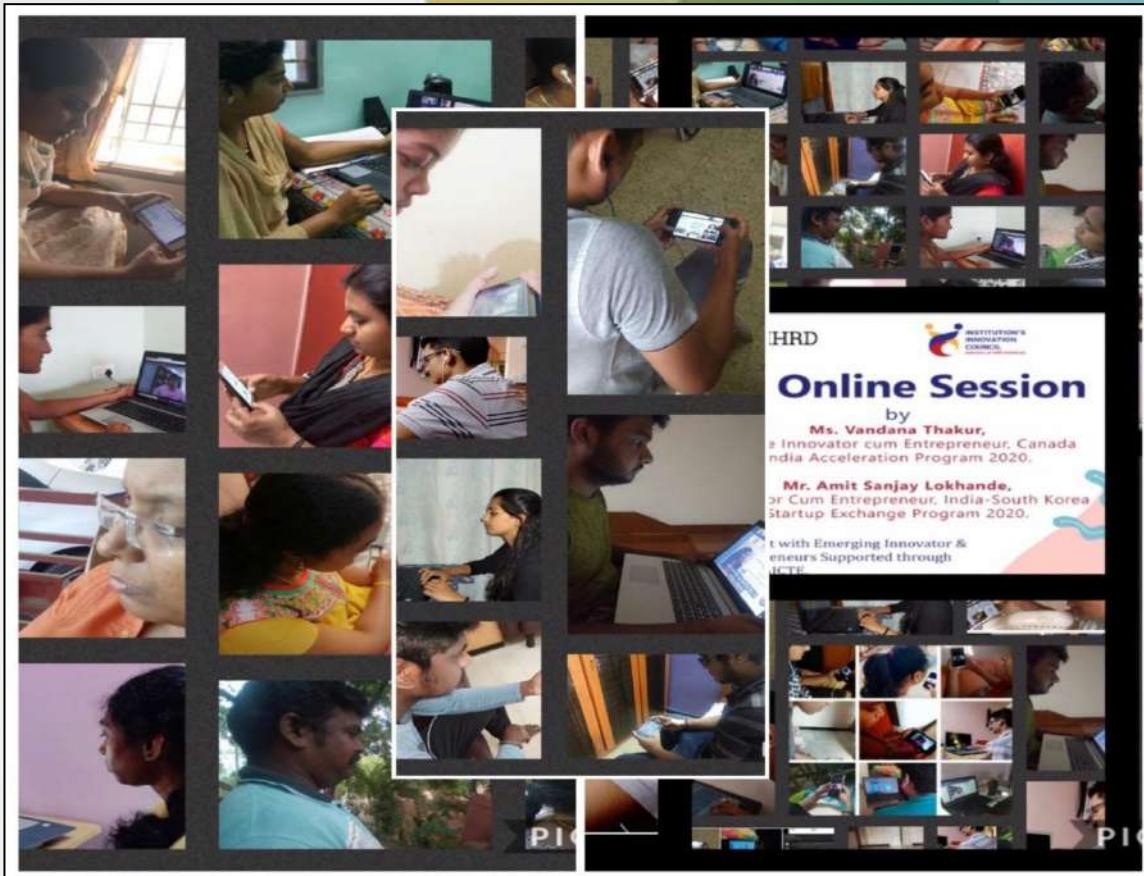


Institution's Innovation council (IIC) and Department of ECE organized an Online Guest Lecture - **Systems Programming and Avenues** for Second and Third year ECE students on 28.04.2020.

Resource person: **Mr. Richmond Johnson**, (2012-2016 ECE Alumnus) Student at University of Southern California.

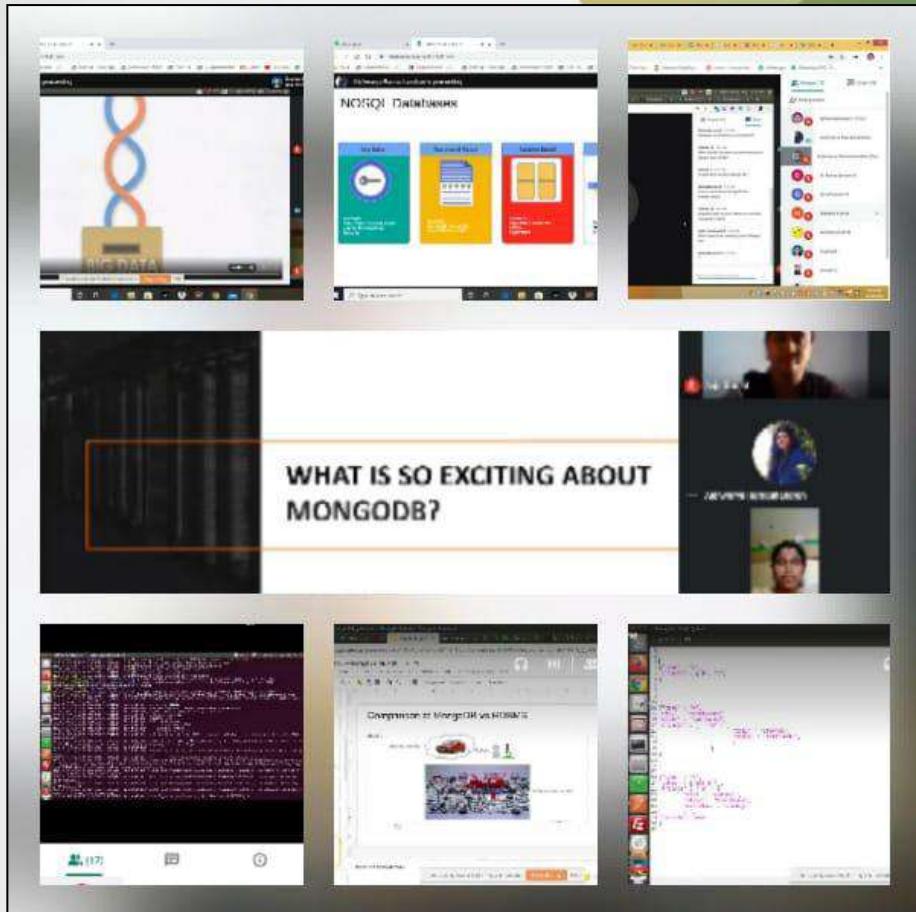
**Key discussion points:** Principles of System Programming, abstraction and Scalability of coding.

## #7 IT | HANGOUT WITH EMERGING INNOVATORS AND ENTREPRENEURS



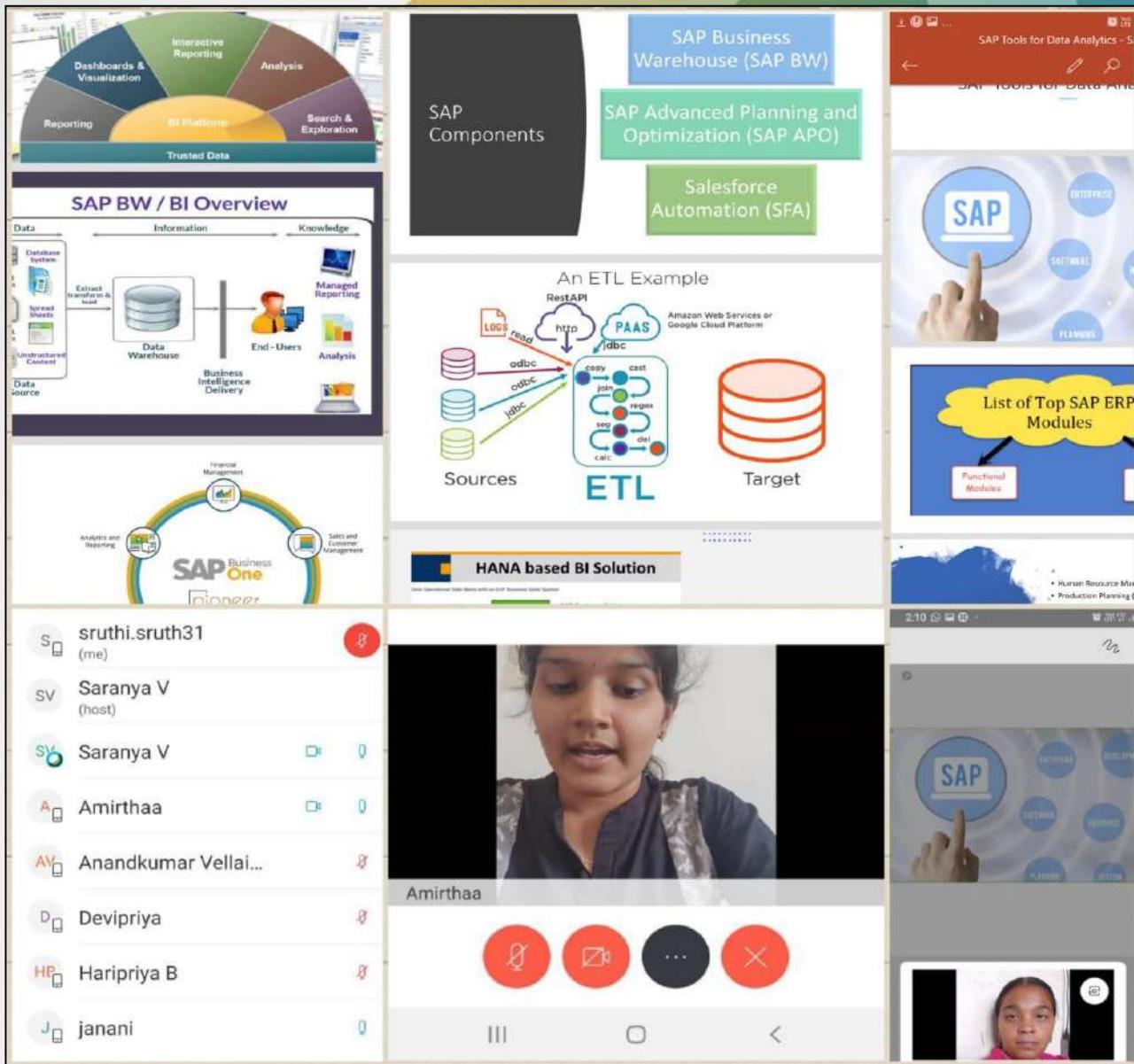
Faculty members and students of Department of Information Technology attended the online session on the topic "**Hangout with Emerging Innovators and Entrepreneurs supported by MIC and AICTE**". The resource person was **Ms. Vandana Thakur**, Female Innovator cum Entrepreneur, Canada India Acceleration Program 2020, L M College Pharmacy and **Mr.Amit Sanjay**, Lokhende Innovator cum Entrepreneur, India-South Korea Startup Exchange Program 2020, Institute of Chemical Technology, Mumbai on 30.04.2020. The experts discussed the importance of student Entrepreneurship, market study, competitive analysis and product sustainability in the market.

## #8 CSE | MONGODB: INTRODUCTION AND ITS APPLICATIONS



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 "**MONGODB: Introduction and its Applications**" on 24.04.2020 through Google Meet. **Ms.Aiswarya Ramachandran**, Software Engineer, Appviewx was the resource person for the event. The session take-aways were NoSql, Data Modelling, CRUD JSON and GridFS Robomongo.

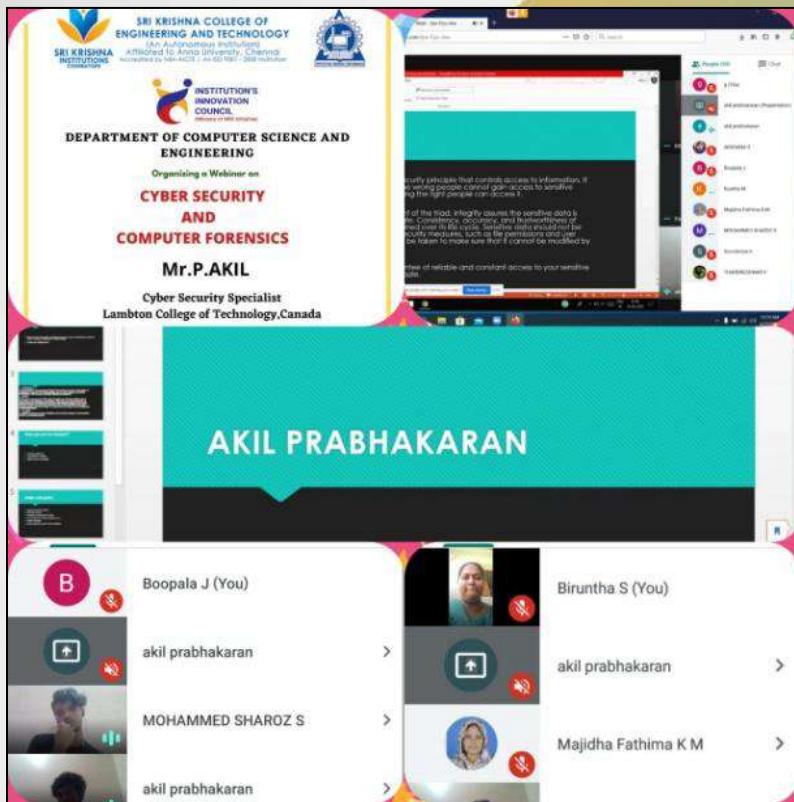
## #9 IT | SAP TOOLS FOR DATA ANALYTICS



The Institution's Innovation Council (IIC) of SKCET and the Department of Information Technology organized webinar series.

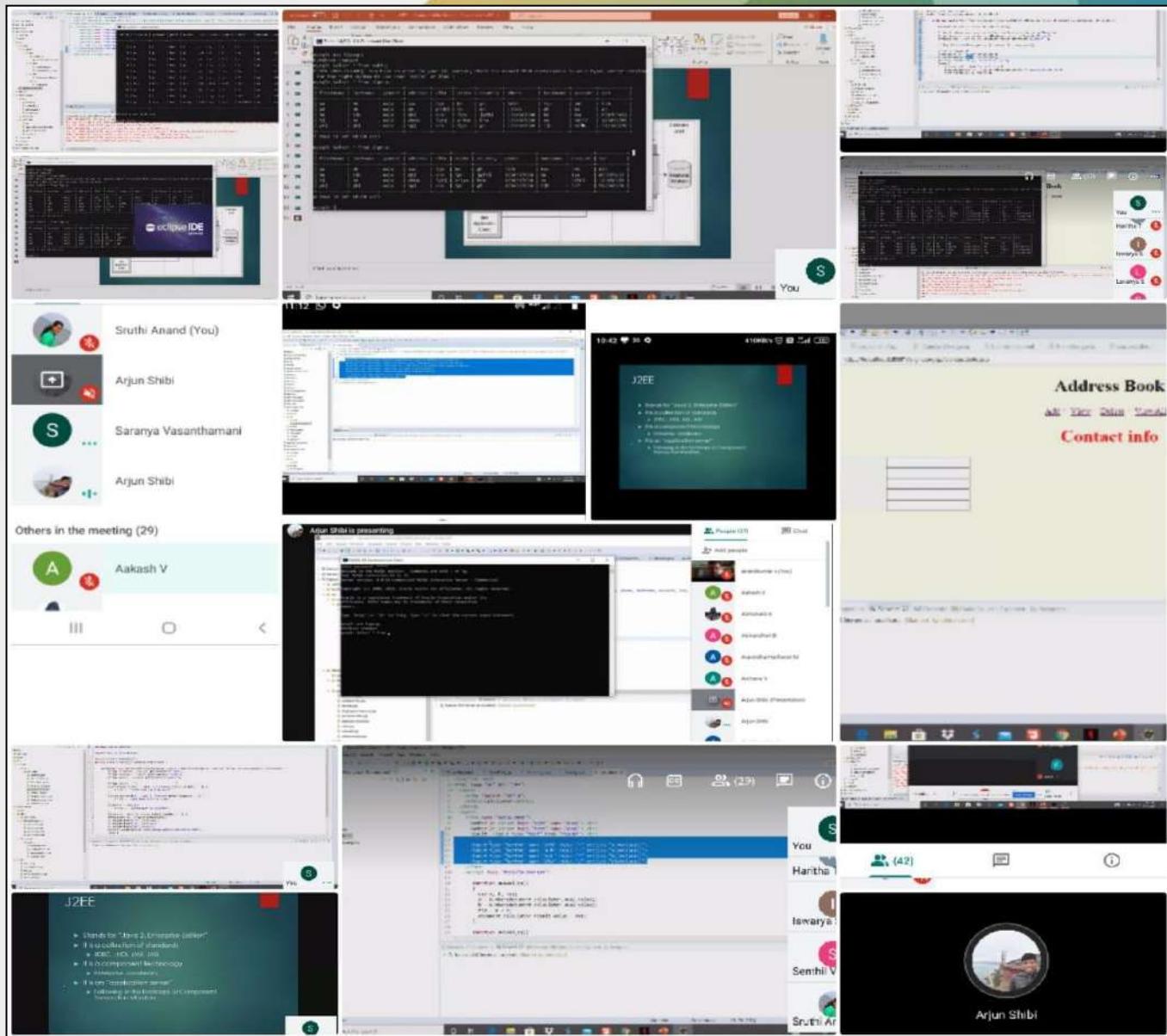
**Ms. Amritha Sri**, Software Development Engineer, AstraZeneca addressed the students and faculty on “**SAP Tools for Data Analytics**” on 27.04.2020. The session highlights were on the SAP-System Applications, Top SAP ERP Modules and SAP Components.

## #10 CSE | CYBER SECURITY AND COMPUTER FORENSICS



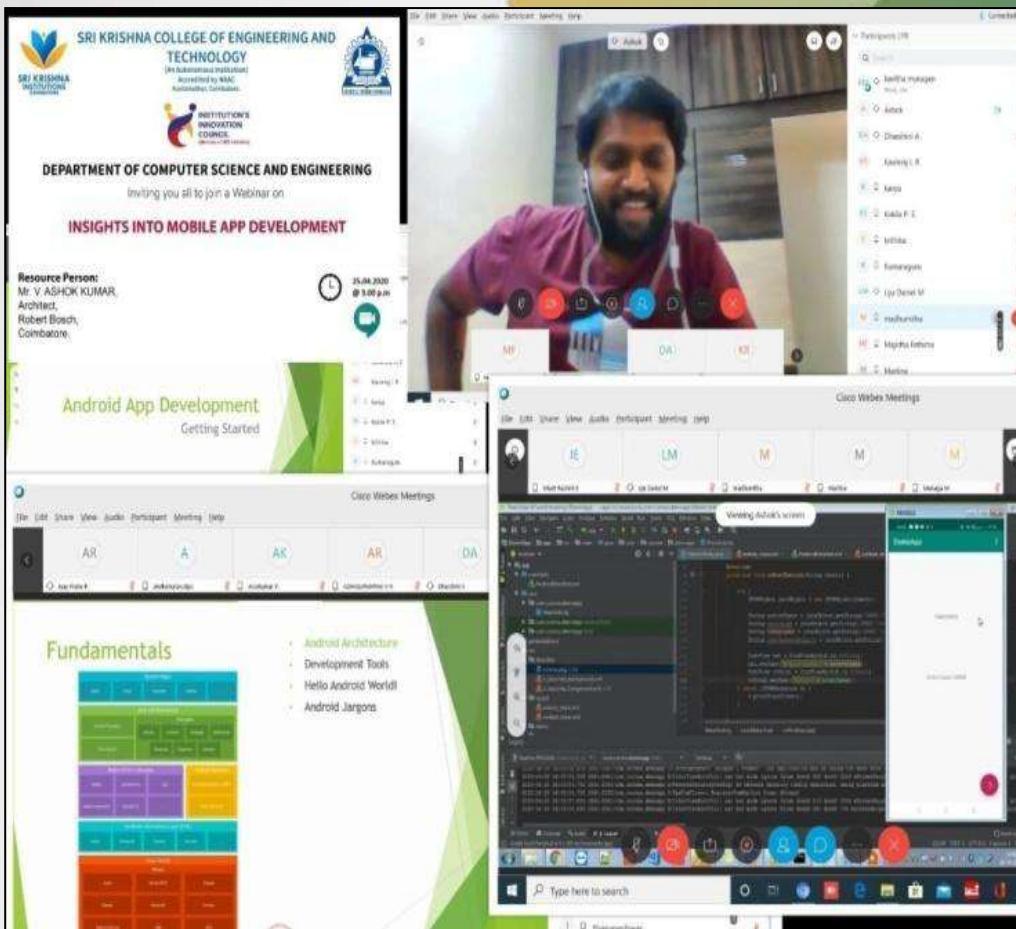
To strengthen the research skills in the contemporary and emerging areas of **Cyber Security**, **Institution's Innovation Council (IIC)** of SKCET and Department of **CSE** organized a Webinar Session on "**Cyber Security and Computer Forensics**" on 25.04.2020 for CSE students and faculty members through Google Meet. **Mr.P.Akil**, Cyber Security Specialist, Lambton College of Technology, Canada was the resource person for the event. A very informative and scintillating talk on Introduction to Cyber Security, Analyzing the Vulnerability, Roles and Responsibilities of Cyber Security Specialist, Practice of defending computers, Penetration Testing and Ethical Hacking were the topics covered.

## #11 IT | ADVANCED JAVA FRAMEWORK



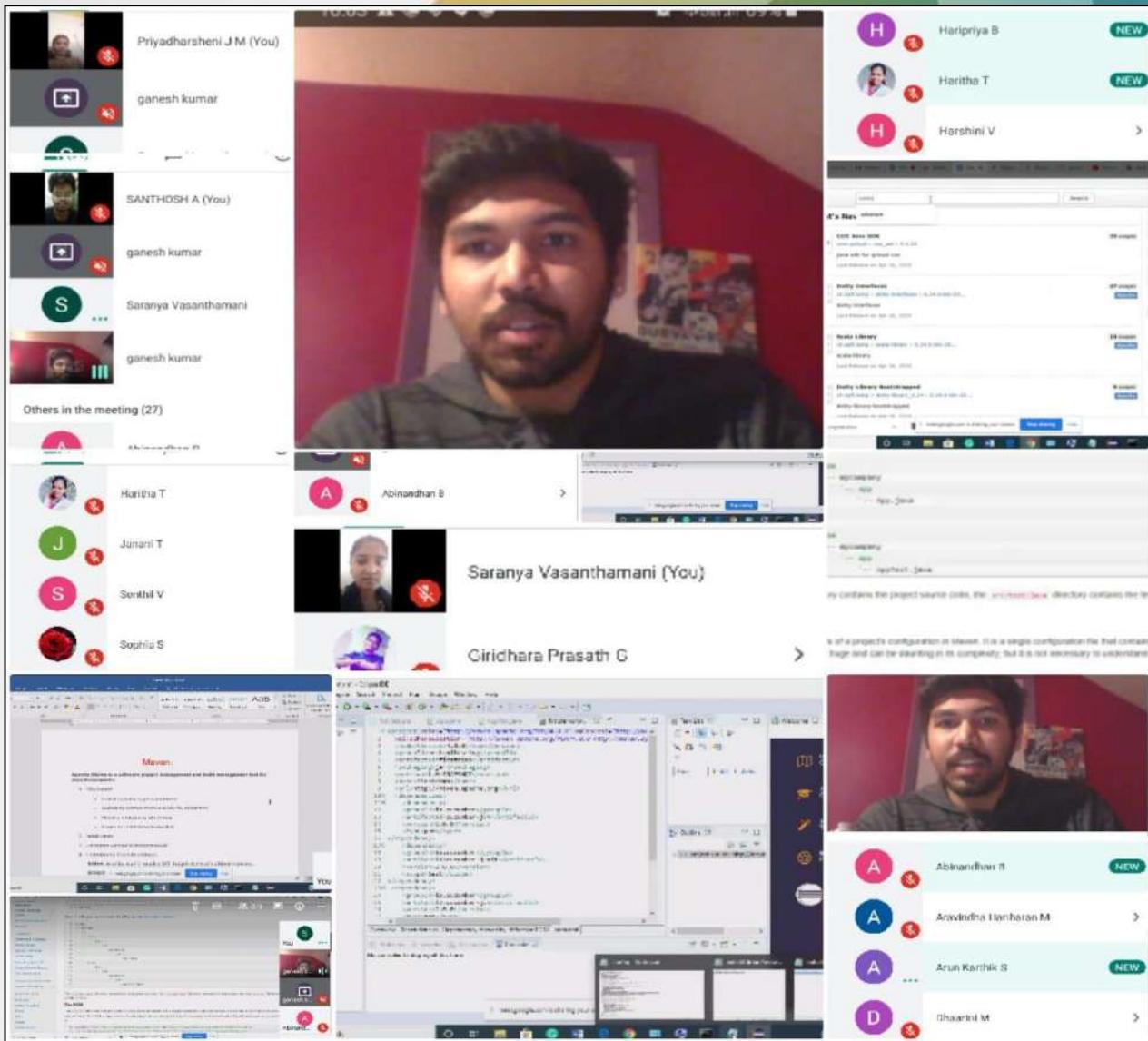
The Institution's Innovation Council (IIC) of SKCET and Department of Information Technology organized webinar series titled "**Advanced Java Framework**" on 29.04.2020. **Mr.Arjun Shibi**, Java Developer, Independent Contractor, USA was the resource person. He elaborated the session with J2EE Framework, Reducing NoL during implementation, HTML, SQL Connectivity and server side components.

## #12 CSE | MOBILE APP DEVELOPMENT



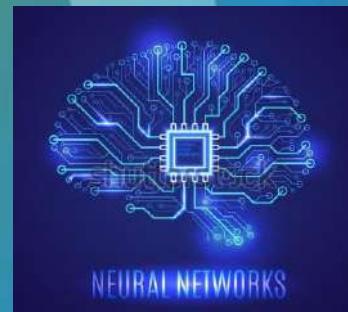
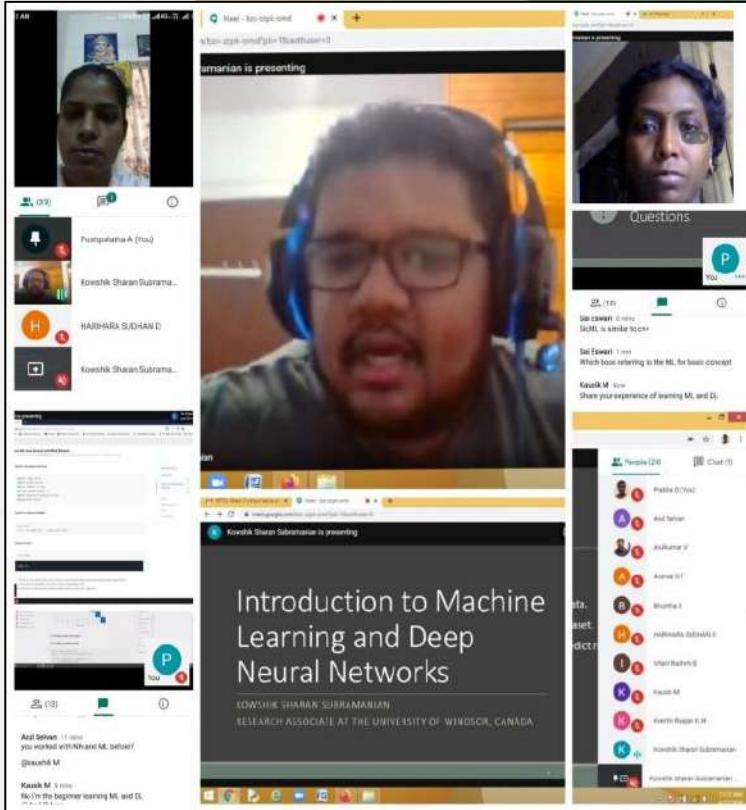
To meet the ever-demanding needs of knowledge industry, **Institution's Innovation Council (IIC)** of SKCET and Department of CSE organized a webinar Session on "**Insights into Mobile App Development**" on 25.04.2020 for CSE students and faculty members through WebEx. **Mr.V.Ashok Kumar**, Architect, Robert Bosch, Coimbatore was the resource person. A detailed insight on Android Fundamentals, Android Jargons, JSON, Creating a Simple UI, Wiring business logic, Debugging with Andriod and Logcat were the topics discussed.

## #13 IT | DOCKER, GIT, JENKINS AND MAVEN



The Institution's Innovation Council (IIC) of SKCET and the Department of Information Technology organized webinar series. **Mr. Ganesh Kumar**, QA Automation Engineer, Spieker Point Inc, Canada, addressed on "**Docker, Git, Jenkins and Maven for Testing**" on 28.04.2020. He shared his knowledge in the field of Jenkins and Meven Installation procedure, Functional Dependencies and Build Functions of Jenkins.

## #14 CSE | MACHINE LEARNING AND DEEP NEURAL NETWORKS



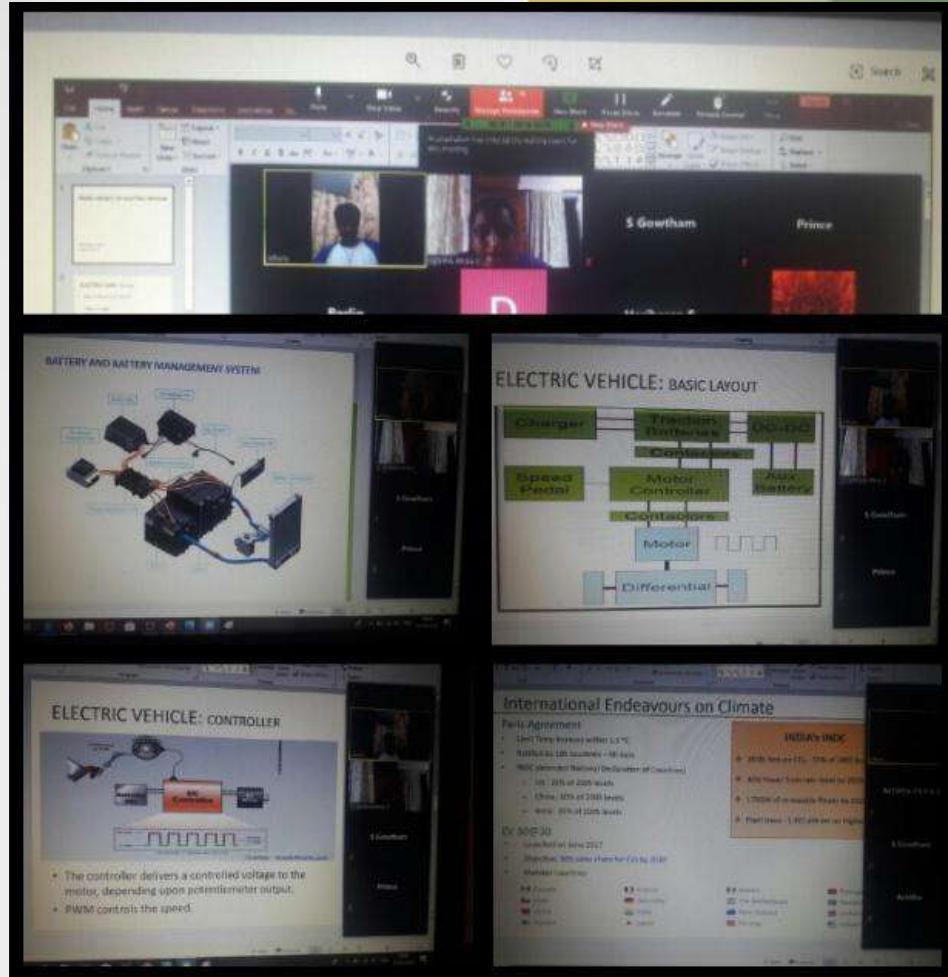
To facilitate exposure to latest pedagogical methods in Machine Learning, **Institution's Innovation Council (IIC)** of SKCET and Department of **CSE** organized a Webinar Session on "**Machine Learning and Deep Neural Networks**" on 27.04.2020 for CSE students and faculty members through Google Meet. **Mr.S.Kowshik Sharan**, Research Associate, University of Windsor, Canada was the resource person for the event. The session dealt with Machine Learning algorithms, Neural networks, ML projects, Disease management using ML and Real time execution using Kaggle dataset.

## #15 IT | LEARN HOW TO ACE VIRTUAL INTERVIEWS



Faculty members and Students of Department of Information Technology attended a webinar on the topic "**Learn How to Ace Virtual Interviews**" by Mr. Sujith Kumar, AVP & HR Business Leader, Infosys, Chennai on 30.04.2020. The session highlights the rules to be followed during virtual interview, Tips for students to interview panel and Resume Preparation.

## #16 MCT|TECHNOLOGY AND SUSTAINABILITY OF ELECTRIC VEHICLE



A Webinar was organized for the **Third** and **Fourth** year **Mechatronics Engineering** students on "**Technology and Sustainability of Electric Vehicle**" from 5.00 pm to 6.30 pm on 30.04.2020. **Mr.A.Allwin Sagaya Francis**, Assistant Manager, Part development- Procurement, Hyundai Motor India Limited, Chennai shared his expertise on Introduction to Basic layout of Electric Vehicle, Battery Management system and Technological development in EV.



SKCET

**Buzz**

# OUTREACH ACTIVITIES FOR CHILDREN

**e - Academia - Special Edition 5**

## IT | ANIMATION FOR LITTLE MINDS



**Mr.M.Diwakaran and Mrs.J.M.Priyadarsheni**, Assistant Professors, Department of Information Technology organized an event "**Educating the Little Minds with Animation**" to unleash the digital animation skills of Gen-Z kids through Cisco Webx Platform. More than 60 Children from Coimbatore, Chennai, Salem and Erode localities participated. The contents of training were on an introduction to visual programming environment and Simple multimedia programming to create stories and video games. The children were amazed and excited to understand the "**know-how**' in making of their favorite animation series which they regularly watch in cartoon channels. The parents and kids expressed their appreciation on this interactive and useful learning activity during COVID-19 lockdown.

## ECE | MALARUM NINAIVUGAL - CHILDREN ACTIVITY



**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 - 641008

**Department of Electronics and Communication Engineering**  
Cordially Invite you to join the event on  
**Malarum Ninaivugal**

The rules of the activity are as follows:

1. The video can be of any type like good practices, tips, workouts, memories or any other activity related to our culture and tradition.
2. Two members/team - student and his/her parent should participate in the video maintain social distancing & use face mask
3. 2-3 minutes video & No usage of apps like tik tok, etc
4. E- certificates will be issued for best five videos
5. Recorded video should be uploaded in the link given along with the following details

# Team name # participants name  
# Name of the school or college of the participant  
# Theme of the video

Link: [https://drive.google.com/folderview?id=16jE\\_5OQNxs\\_wvt5J90aecOlxuAJRgd\\_Wm](https://drive.google.com/folderview?id=16jE_5OQNxs_wvt5J90aecOlxuAJRgd_Wm)

9442234600 8248712501  
8667562876 9751597664

28 April 2020

Timing



Faculty members of ECE conducted the event “Malarum Ninaivugal” for school and college students. Parents and children of schools & colleges showcased their talents by expressing their childhood memories and brought back memorable moments. Parents appreciated this creative activity of SKCET which energized them during the lockdown .The best five participants were acknowledged with E-certificates.

## EEE | BEST OUT OF WASTE

**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**

- Invites you to join the outreach program series (covid-19) for school students
- "USE OUT OF WASTE"

**CRITERIA :** Creativity , Appearance and usage.

**NOTE :** Use only " NEWSPAPER" as a property!!!

**DATE :** 26 / 04 / 2020.



Faculty members of EEE conducted **BEST OUT OF WASTE** competition for school kids. Children of nearby government schools, Kidee paradise school and Cuddle school showcased their creativity with appealing **handmade products out of waste**. The School Management and Parents appreciated this creative activity of SKCET which energised the kids during the lockdown and created a spark on wealth out of waste awareness. The enthusiastic kid participants were acknowledged with E-certificates.

## ECE | PAINTING COMPETITION FOR CHILDREN



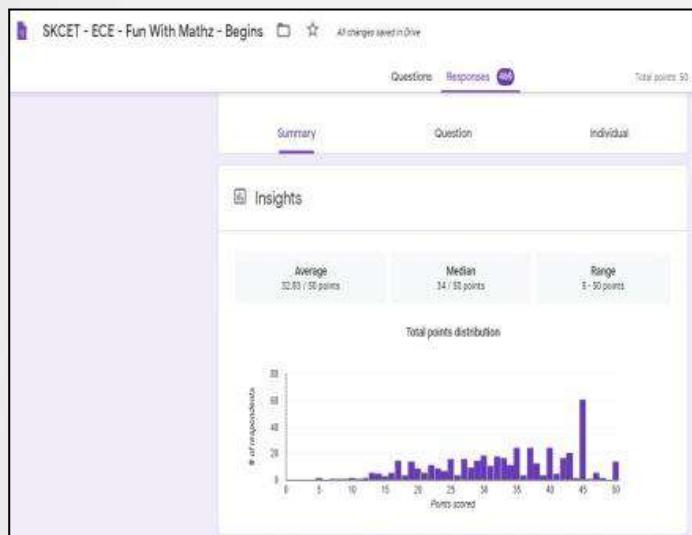
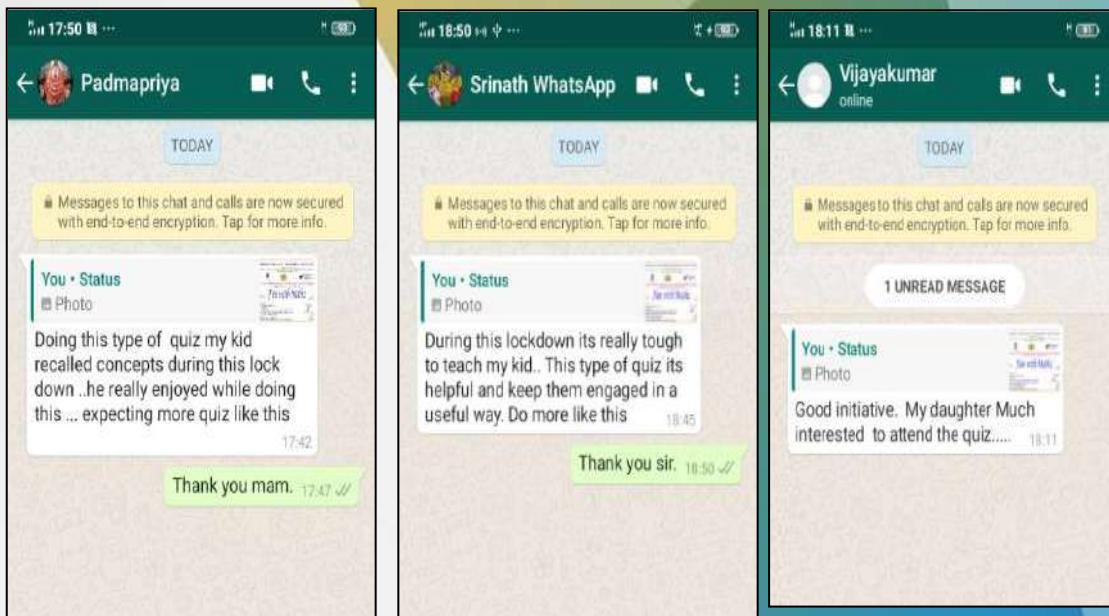
Department of ECE conducted a “Drawing and Painting” competition for the school students under the theme “**Awareness on COVID’19**” on 25.4.20. We got overwhelmed responses from over 150 participants and students of different ages. They participated enthusiastically and showcased their **drawing talents** in their view and perspectives on COVID ’19.

## IT | COVID-19 AWARENESS QUIZ FOR CHILDREN



As part of outreach activity, **Dr.M.Rajkumar**, Associate Professor, Department of Information Technology organized “**COVID-19 Awareness Quiz**” for school students to enhance the knowledge and awareness on COVID-19. 29 students from various schools participated in this event. Quiz events were useful for the students to impart their knowledge on this pandemic environment.

## ECE | FUN WITH MATHZ- CHILDREN OUTREACH



Department of ECE conducted an event titled "**“FUN WITH MATHZ”**" for the School and College students from various parts of our nation. 469 participants actively took up the test.

### Top Scores:

90% and above: 84

60%-89% : 218



## MCT | QUIZ ACTIVITY FOR CHILDREN

 **SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY**  
An Autonomous Institution, Accredited by NAAC With 'A' Grade 

**DEPARTMENT OF MECHATRONICS ENGINEERING**

**Invites for outreach program against COVID-19**  
*Online Quiz competition for Kids*

**Quiz time**  
Google forms

**Submission Date**  
**April 30, 2020**  
**Time: 11:00AM - 3:00PM**  
**Age Limit: 10yrs - 18 yrs**

Name:	Class:	School:	Place:
Nidharshana	5th	Vivekvidyamandir	Kinathukadavu
Loganathan	12	NPR matic hr secondary school	Salem
Nidharshana	5th	Vivekvidyamandir	Kinthukadavu
Loganathan	12	Npr	Salem
Varshini	10	Bukariya matriculation higher secondary school	R. S Mangalam
Loganathan	12	NPR	Salem
Aakash.R	VII	Amrita Vidyalayam	Coimbatore
Pavansakthi	10	Saratha international senior secondary school	Akkarai kodiveri , Gob
Samrakshana	4	Annai velankanni nursery and primary school	Rajasingamangalam
K.RITHVIKA	V	SJMHSS	TRICHY ROAD, CBE
Praveen	7	Sri sowdeswari vidhyalaya	Cbe
Raksha	9	Sri sowdeswari vidyalaya	Coimbatore

Online Quiz competition for Kids(30/4/2020)  
Total points 777

Email address \*  
kannakis@skcet.ac.in

Name: \*  
M.Rajavel

Class \*  
VIII

Department of MCT conducted “Online Quiz Competition for Kids” on COVID-19 through Google forms for school students on 30.04.2020.

## ECE | STORYTELLING ACTIVITY FOR CHILDREN

**SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY**  
IN ASSOCIATION WITH  
MHRD'S INNOVATION CELL (GOVERNMENT OF INDIA)  
INSTITUTION'S INNOVATION COUNCIL (Ministry of HRD Initiative)

### STORY TELLING COMPETITION

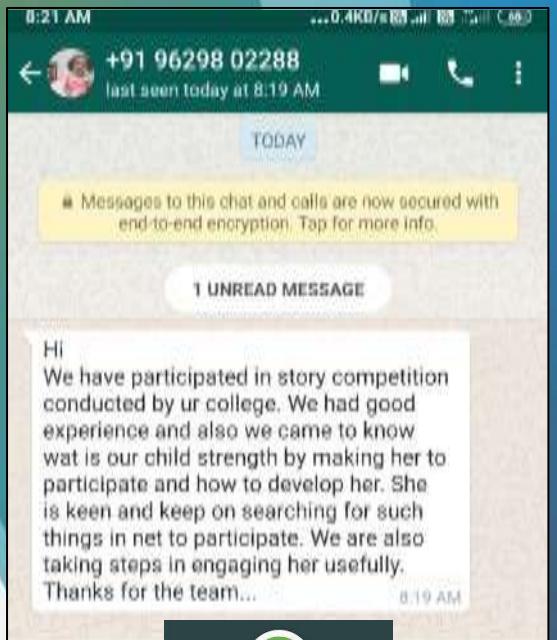
organised by  
THE DEPARTMENT OF ECE

**THEMES:**  
Children Below 10 :  
• Brave animals  
• Helping hands  
• Kings Dynasties  
• Moral Based  
Children Between 10 and 15 :  
• My Inspiration  
• Little moments that matter  
• Does luck play a vital role ?  
• I got more than I gave  
• My footprints in the sand

**\*\* For children below 15 years**

**Direction to upload:**  
The story must be a maximum of 10 minutes long and the participants can record audio/video and mail it to [storytellingskcet@gmail.com](mailto:storytellingskcet@gmail.com) in mp3/mp4 format within 3pm.

**Details :**  
Date : 29/04/2020  
There is no specific mood we are looking for, feel free to evoke a variety of emotions in your story!  
For further details contact :  
- 8344214170, 9789701412,  
7339532828, 9994192456  
E-certificates will be provided for those who participate.  
Express all that you can in a single story :)



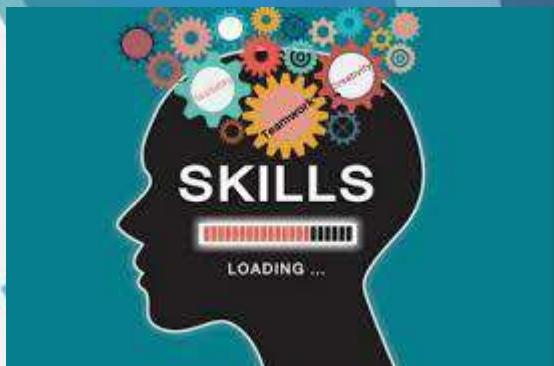
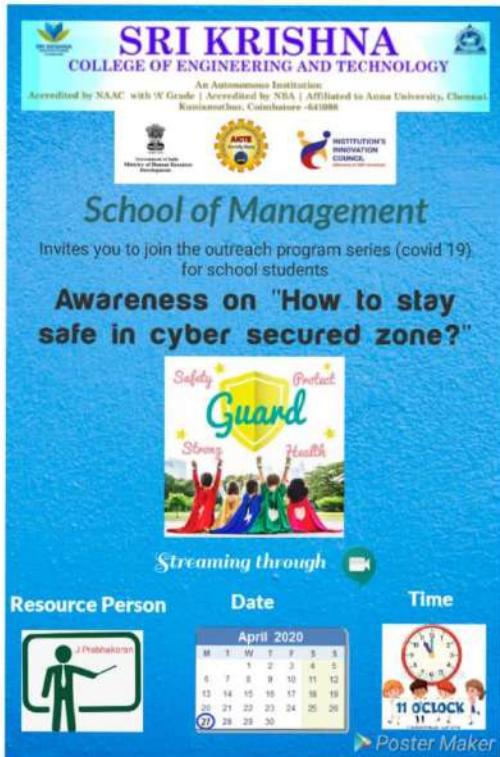
As a part of Outreach activity, Department of ECE conducted “**Story Telling Competition**” competition for the school students under various themes on 29.04.20. We received good responses from the participants of different ages. They showcased their speech talent and expressed stories in their childish language in an adorable manner.

## S&H| DOODLE CONTEST FOR CHILDREN



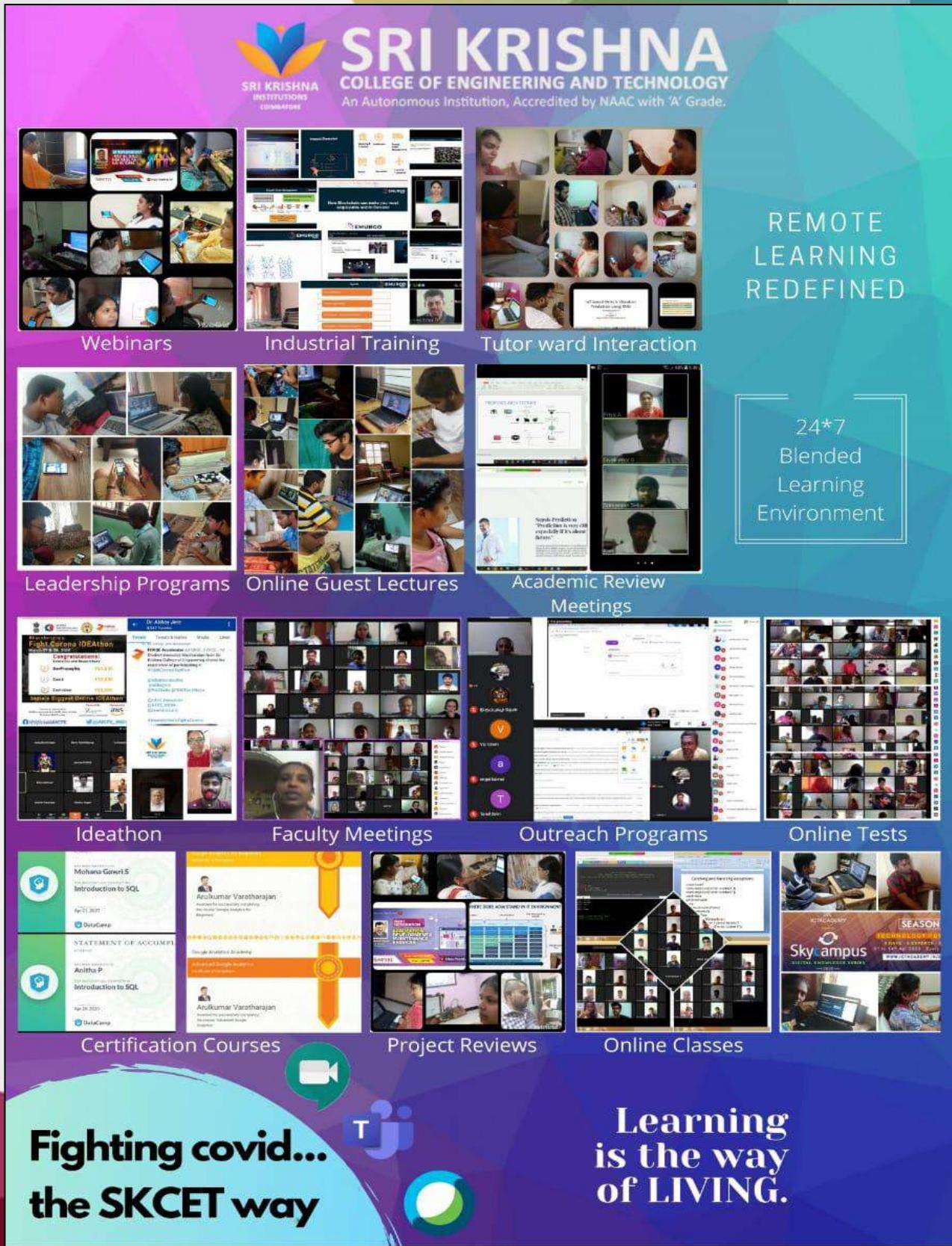
The Department of Science and Humanities conducted 'Free Online Doodle Art Contest for Kids on the Awareness of Covid19' on 27.04.2020 to revolutionize kids' way of thinking and interpreting information. Around 70 kids participated in the contest and exhibited their talents. The best art was rewarded with an E- Certificate.

## SOM | TECHNICAL SKILL DEVELOPMENT FOR CHILDREN



As part of outreach program against Corona, **Mr. J. Prabhakaran**, Assistant Professor, **School of Management** conducted an outreach programme for school children on '**Development of technical skill for the younger generation**' and instructed them to make use of the online teaching learning process on 27.04.2020 and 28.04.2020.

## TRENDING NOW: SKCET STATUS UPDATE



**SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY**  
An Autonomous Institution, Accredited by NAAC with 'A' Grade.

**REMOTE LEARNING REDEFINED**

**Webinars**      **Industrial Training**      **Tutor ward Interaction**

**Leadership Programs**      **Online Guest Lectures**      **Academic Review Meetings**

**Ideathon**      **Faculty Meetings**      **Outreach Programs**      **Online Tests**

**Certification Courses**      **Project Reviews**      **Online Classes**

**Fighting covid... the SKCET way**

**Learning is the way of LIVING.**



## PLACEMENT



e - Academia - Special Edition 5

## VIRTUSA - TRAIN THE TRAINER PROGRAM

Virtusa Train the Trainer (TTT) briefing session was conducted by **Mr.Krithivasan**, Lead, India Campus Hiring, Virtusa and **Mr.Venkat Krishnan**, Talent Acquisition Manger, Virtusa. The discussion was on the plan and schedule of TTT Inauguration program scheduled on 05.05.2020 at 2.00pm.

# TTT



The screenshot shows a Microsoft Teams meeting titled "Briefing session on TTT" scheduled for April 30, 2020, from 4:00 PM to 4:30 PM. The organizer is Venkatakrishnan V. The meeting details include "Microsoft Teams Meeting". Chat participants listed are Keerthana, Unknown User, Unknown User, Unknown User, and Unknown User. The message "Greetings and trust all is well." is visible. A note states: "Setting up this meeting to connect team Virtusa with esteemed professors from our CoEs across India and also have a briefing session about the 'Train the Trainer' program(TTT)". The "People" sidebar lists current participants: kavitha M (SKCET), Ananth Kumar, Balamurugan, Balamurugan, Brindha R, DHIVYA V P, Dr. Avishik Banerjee, Ishwar Kalbandi, and Kamala Sundararaman.

## 2021 BATCH AJIRA DRIVE: ONLINE TEST



Ajira Drive Online Test was conducted online for the 2021 Batch students on 30<sup>th</sup> April, 2020. CTC: 7-10 LPA.

**STAY HOME**  
STAY SAFE

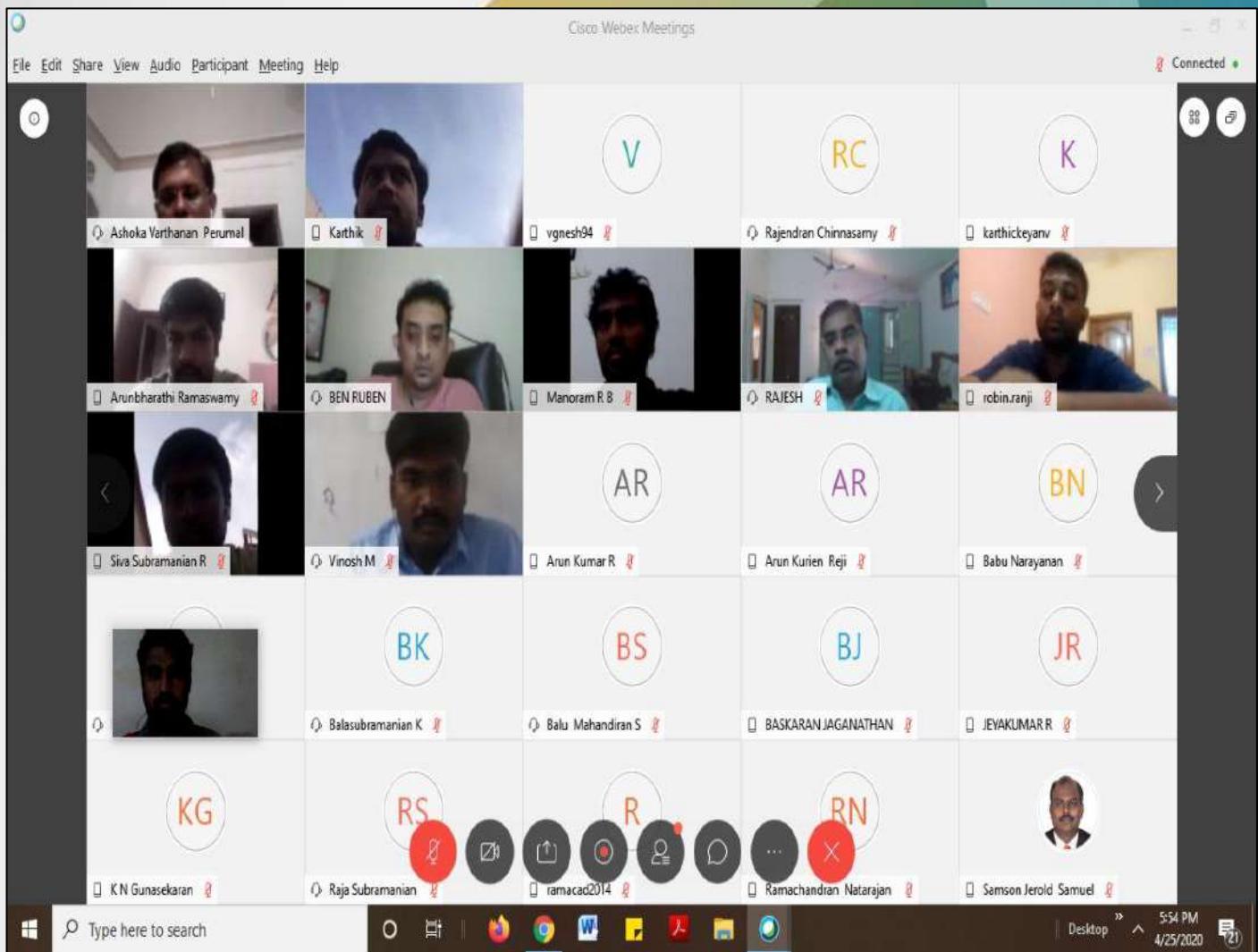
**SKCET**  
**Buzz**

# DEPARTMENT MEETINGS

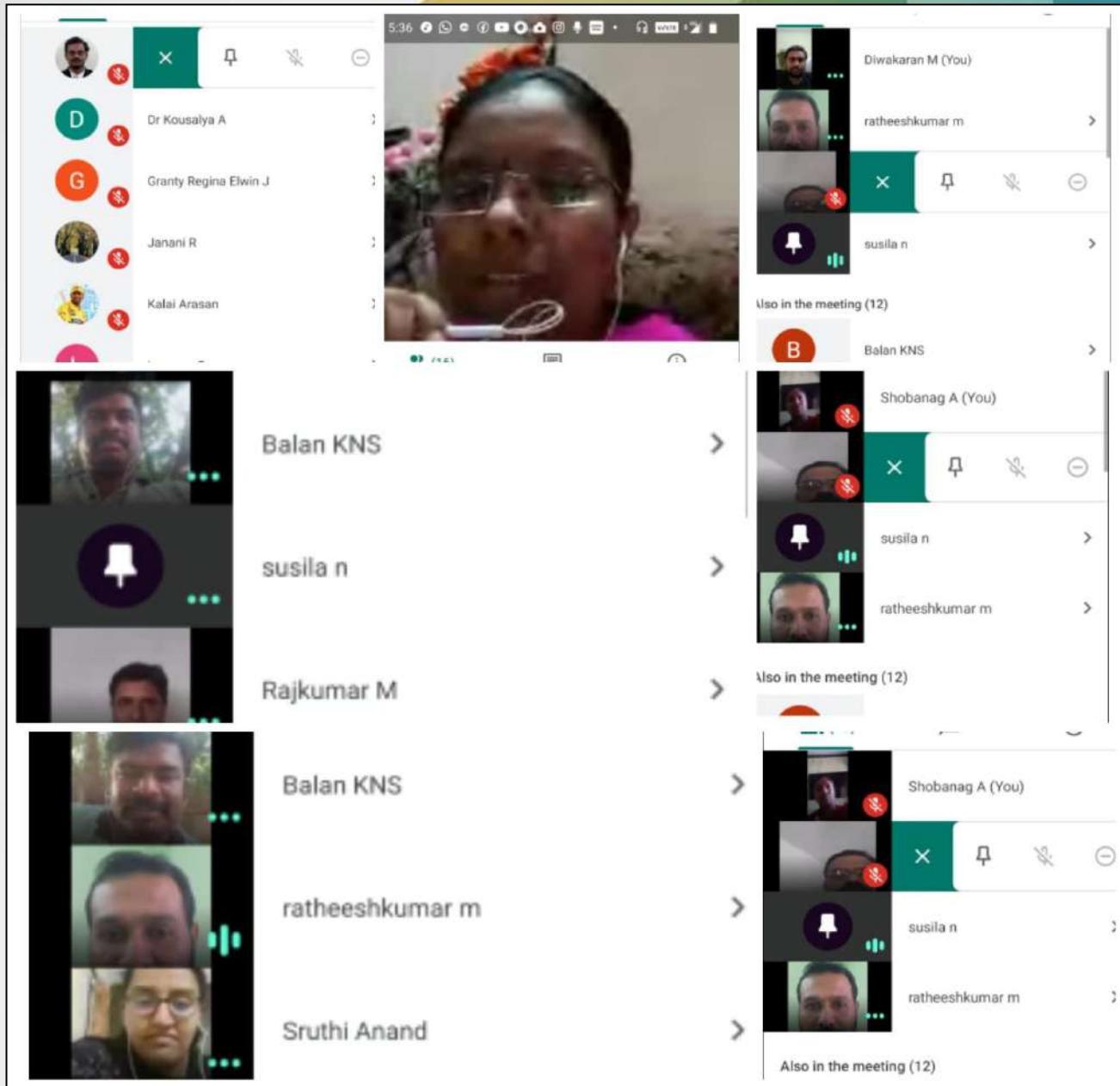
.....  
**meeting**  
.....

e - Academia - Special Edition 5

## MECH | FACULTY MEETING – 25.04.2020



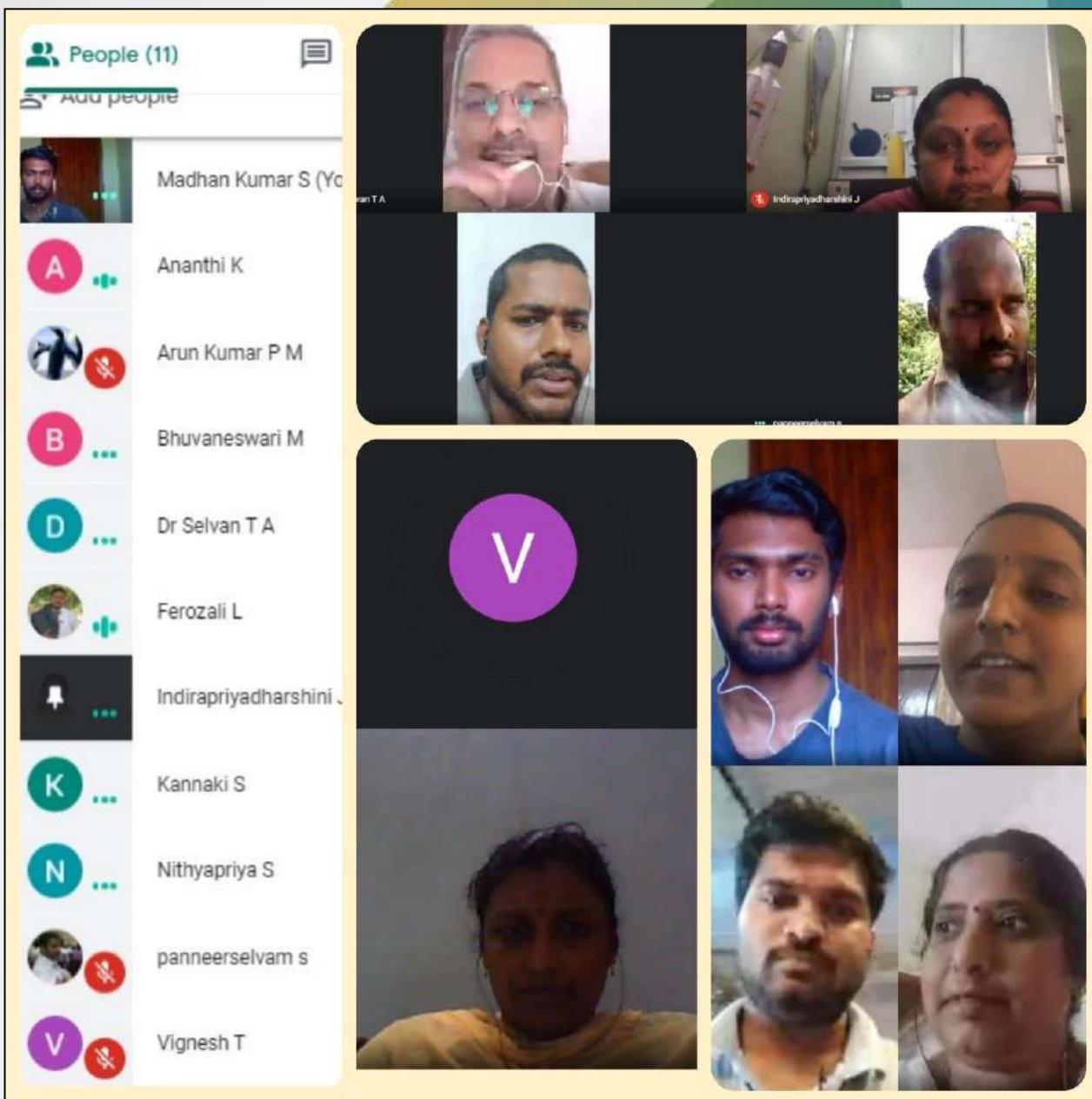
**Dr. P. Ashoka Varthanen**, Head of the Department, Mechanical Engineering convened a meeting with the faculty members on **25.04.2020** via WebEx App. Mandatory Courses mapped with ICT Learnathon, Submission of Research Proposals and papers, Tutor Ward Meetings and Participation in FDPs were discussed during the meeting.

**IT | FACULTY MEETING – 25.04.2020**

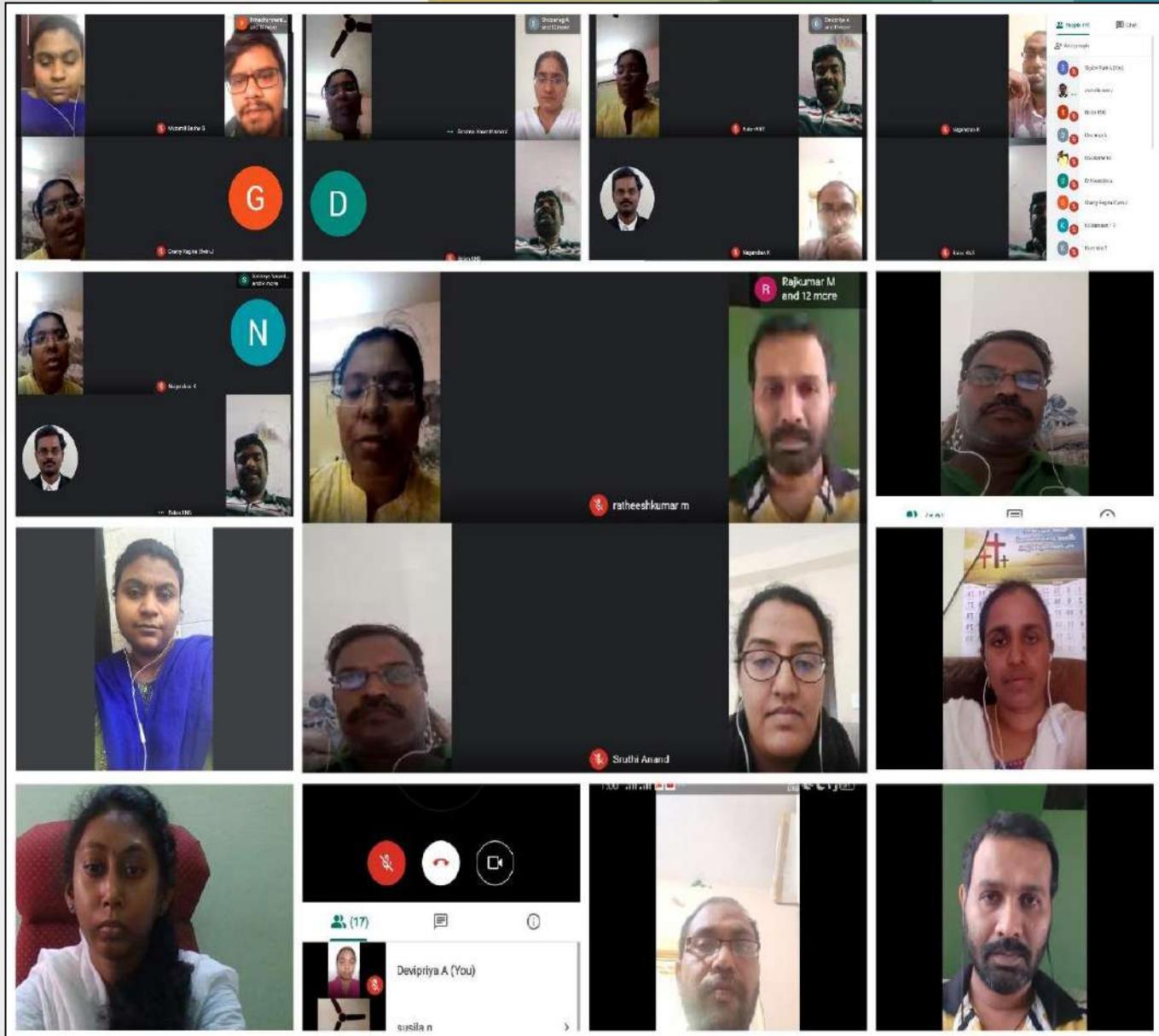
**Dr.N.Susila**, HOD, Information Technology convened a meeting with the faculty members and discussed the follow-up of the regular academic activities, R & D, FDP, Webinars, Online courses and placement training.

**CIVIL | DEPARTMENT MEETING-25.04.2020**

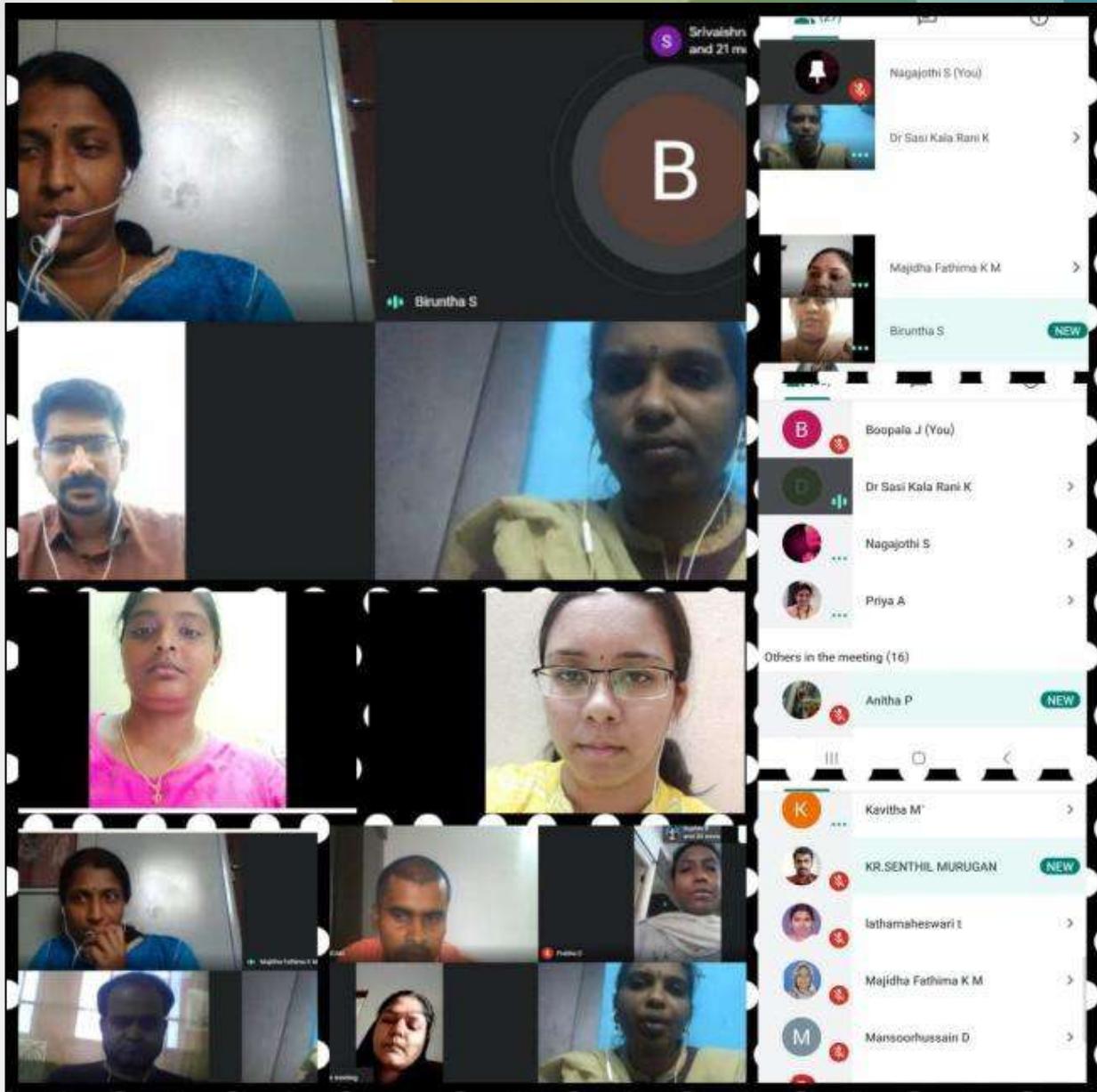
**Dr.D. Maruthachalam**, Head of the Department, Civil Engineering convened a meeting with the faculty members of the department on **25.04.2020**. Academic Preparations (2020 - 21), 2018 Curriculum and syllabus revamping – Review, Video Material Collection, R & D (Scopus Journal papers/ Proposals/Patents), online courses and placement activities were the points discussed.

**MCT | FACULTY MEETING – 29.04.2020**

**Dr.T.A.Selvan**, Head of the Department, **MCT** convened a meeting with the faculty members on **29.04.2020** via Google meet. Factors like Upcoming Webinars, IIC activities, R&D Targets, Placement Training and Web learning series status were the points discussed.

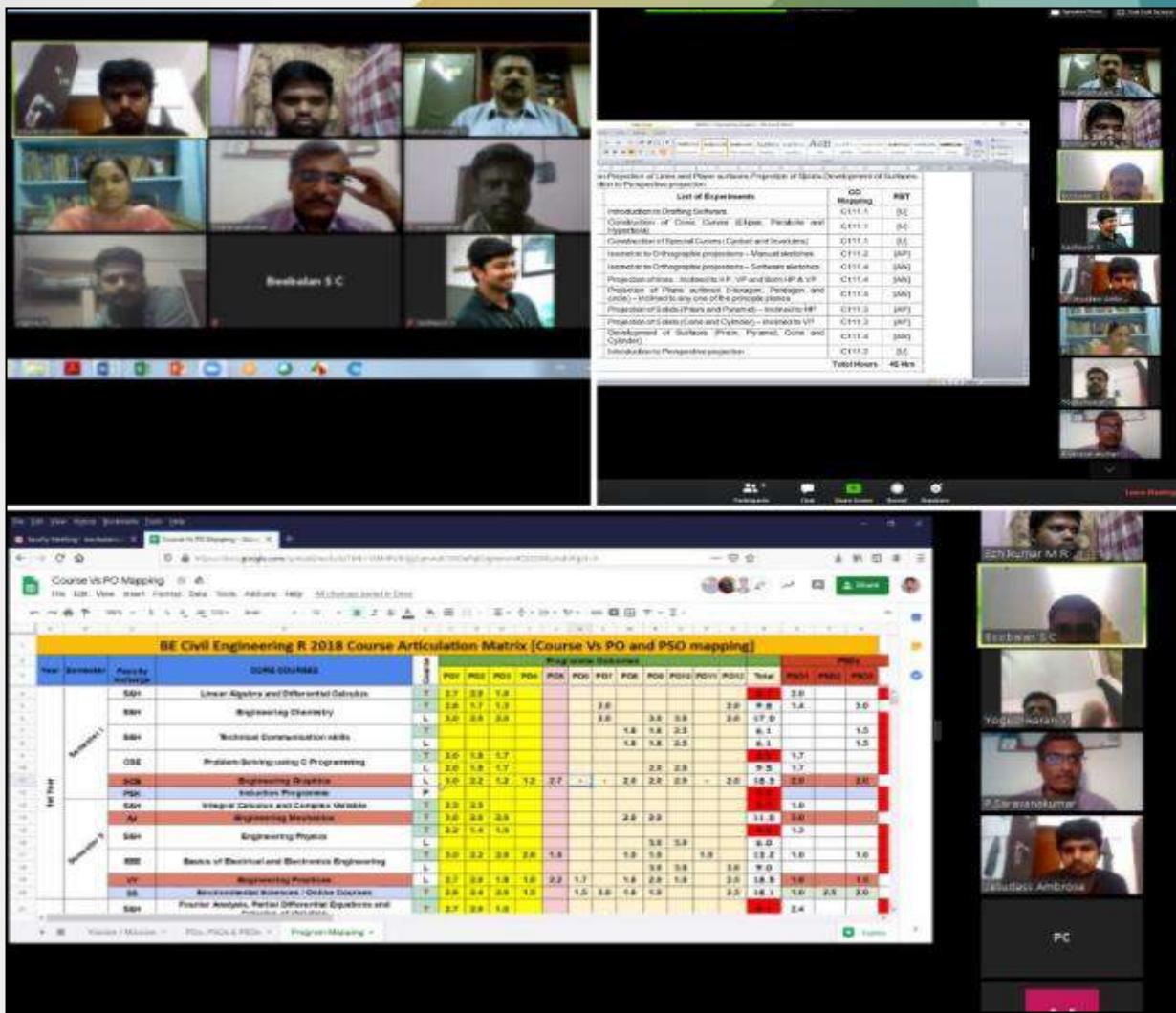
**IT | DEPARTMENT MEETING – 27.04.2020**

**Dr.N.Susila**, HOD, Information Technology convened a meeting with the faculty members on 27.04.2020 to discuss the follow up of the regular academic activities like R & D targets, FDP, webinar, online courses, placement training, technical events and outreach programs.

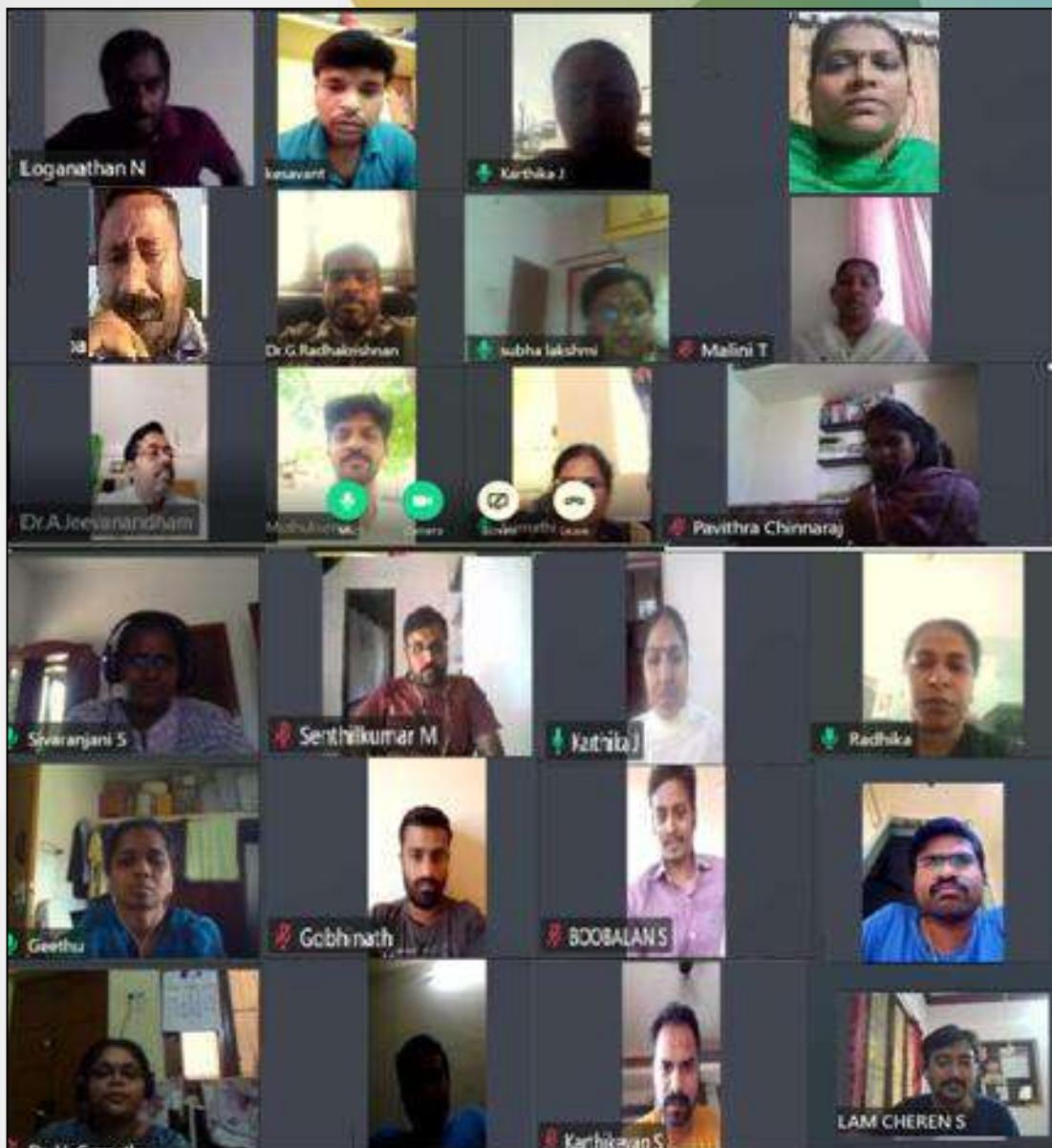
**CSE | FACULTY MEETING – 27.04.2020**

**Dr.K.Sasi Kala Rani**, Head of the Department, **CSE** convened a meeting with the faculty members on **27.04.2020** through Google Meet. The deliberation was on the upcoming webinars, outreach activities, FDPs, R&D Targets, Placement Training, Technical Events and other assigned Academic activities.

## CIVIL | DEPARTMENT MEETING - 30.04.2020

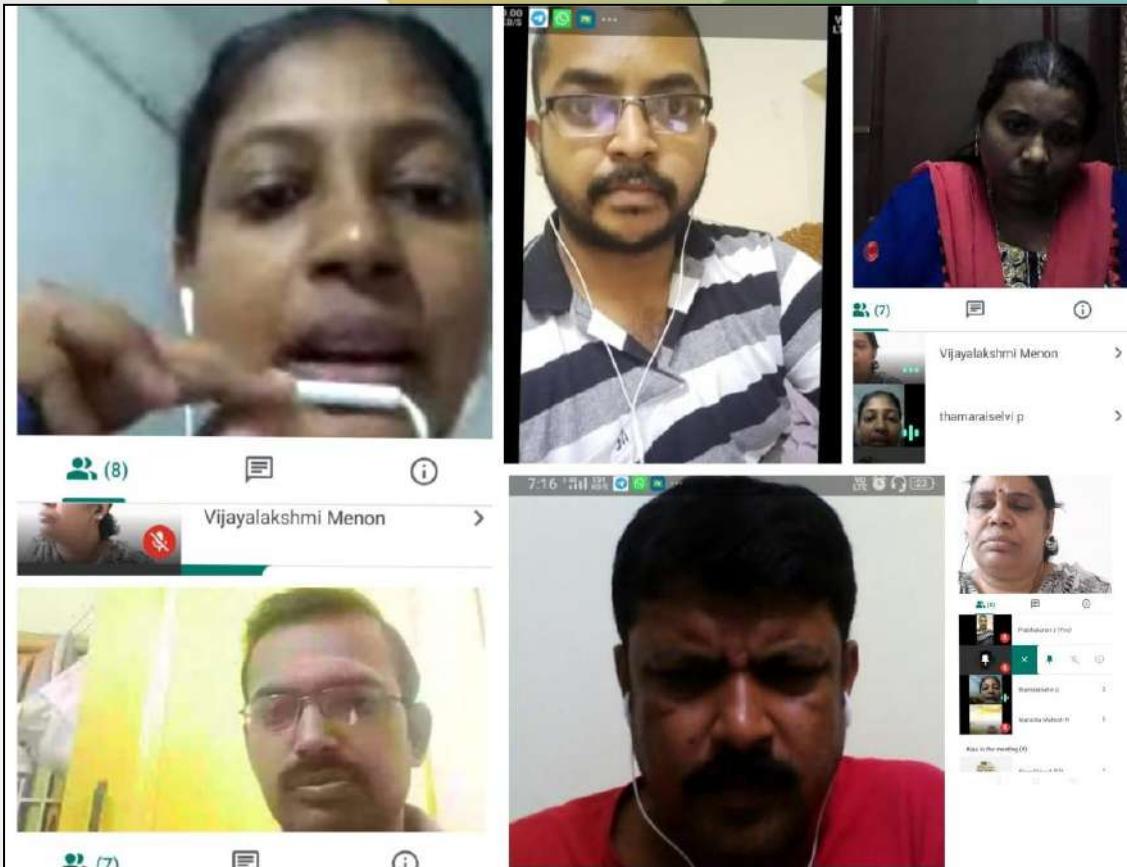


**Dr. D.Maruthachalam, HoD, Department of Civil Engineering** convened a meeting with the faculty members on 30.04.2020. CO – PO mapping, R 2018 Curriculum and syllabus revamping – Review, Video Material preparations and collection and R & D updates (Scopus Journal papers/ Proposals/Patents) were the points discussed.

**EEE | TUTORS MEETING – 30.04.2020**

**Dr.K.C.Ramya HoD, EEE** convened meeting with II and III Year Tutors and the following points were discussed during the meeting:

- Online IIC Webinars/ NPTEL/ Guest lectures to be attended by students
- Placement training and T1 Practice Test status
- ICT Learnathon Registration Status
- Coursera course completion Status.

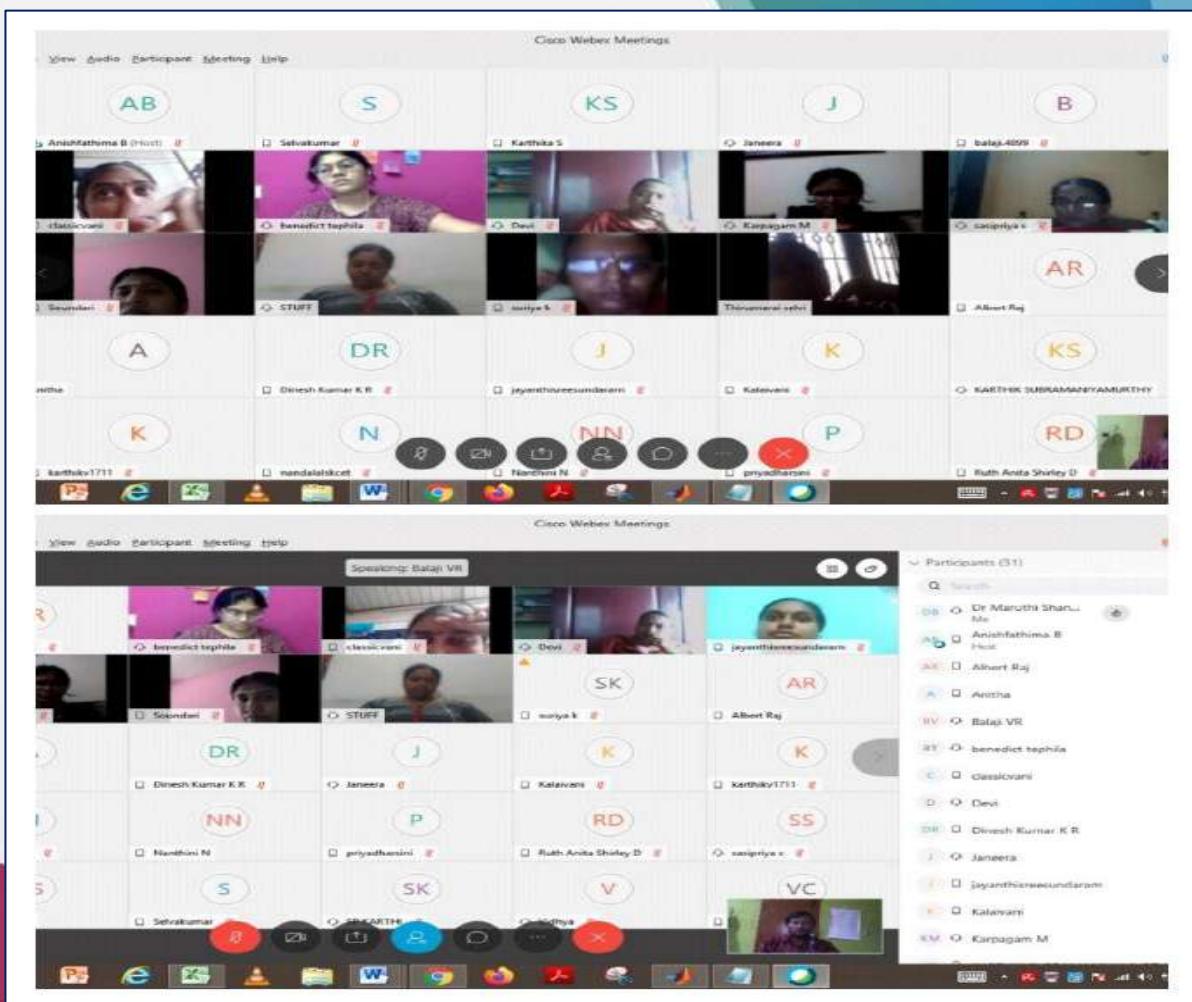
**SOM | FACULTY MEETING – 25.04.2020**

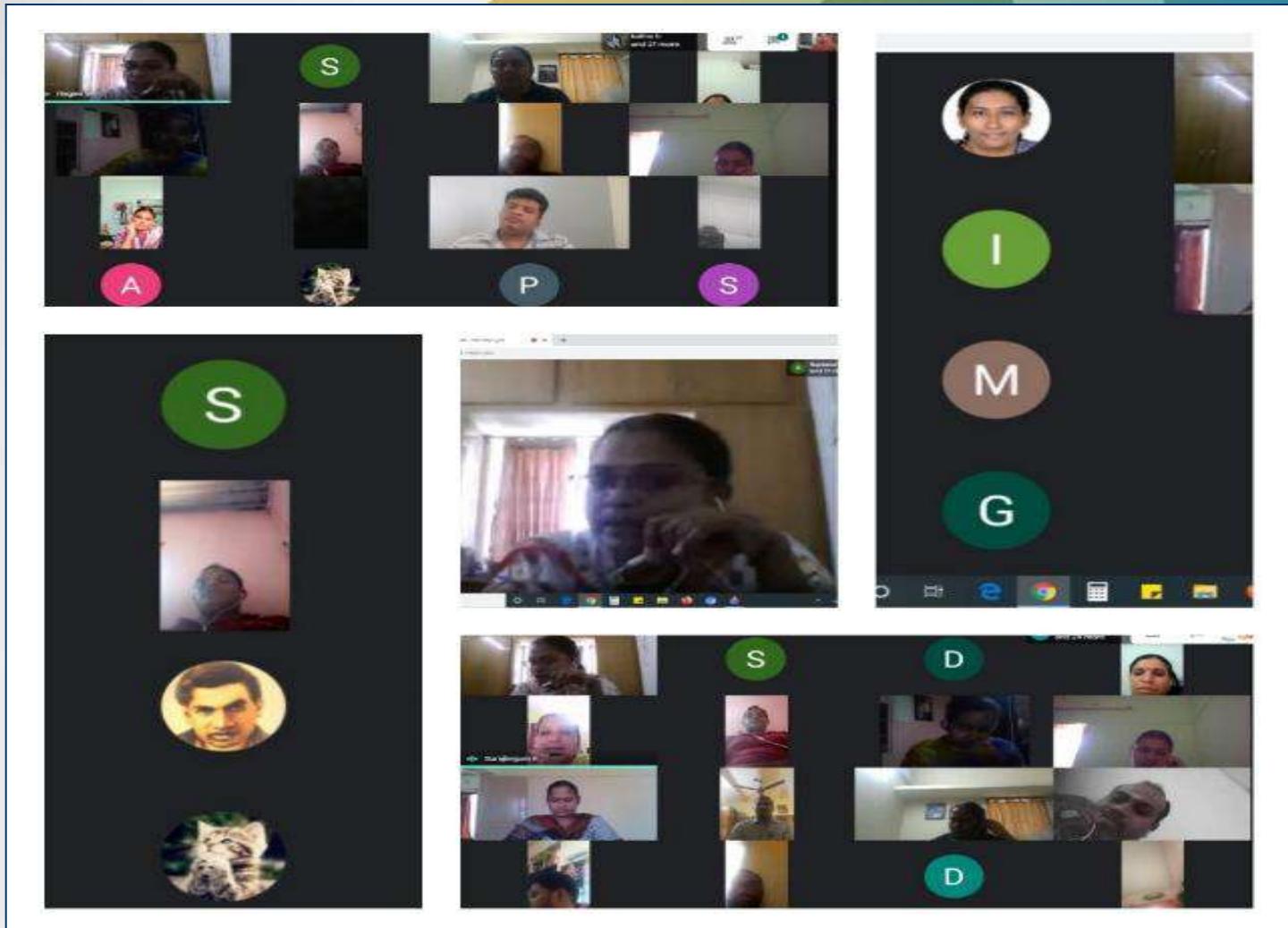
**Dr. P. Thamaraiselvi**, Head of the Department, **SoM** convened a meeting with the faculty members on **25.04.2020** via Google meet. The key discussion points were Research proposal and publications, II MBA project report correction, Webinar schedules, FDPs attended and Online courses.

## ECE | FACULTY MEETING – 01.05.2020

**Dr. Sophia**, Head of the Department, ECE convened a meeting with the faculty members on **01.05.2020** through Webex with the following agenda:

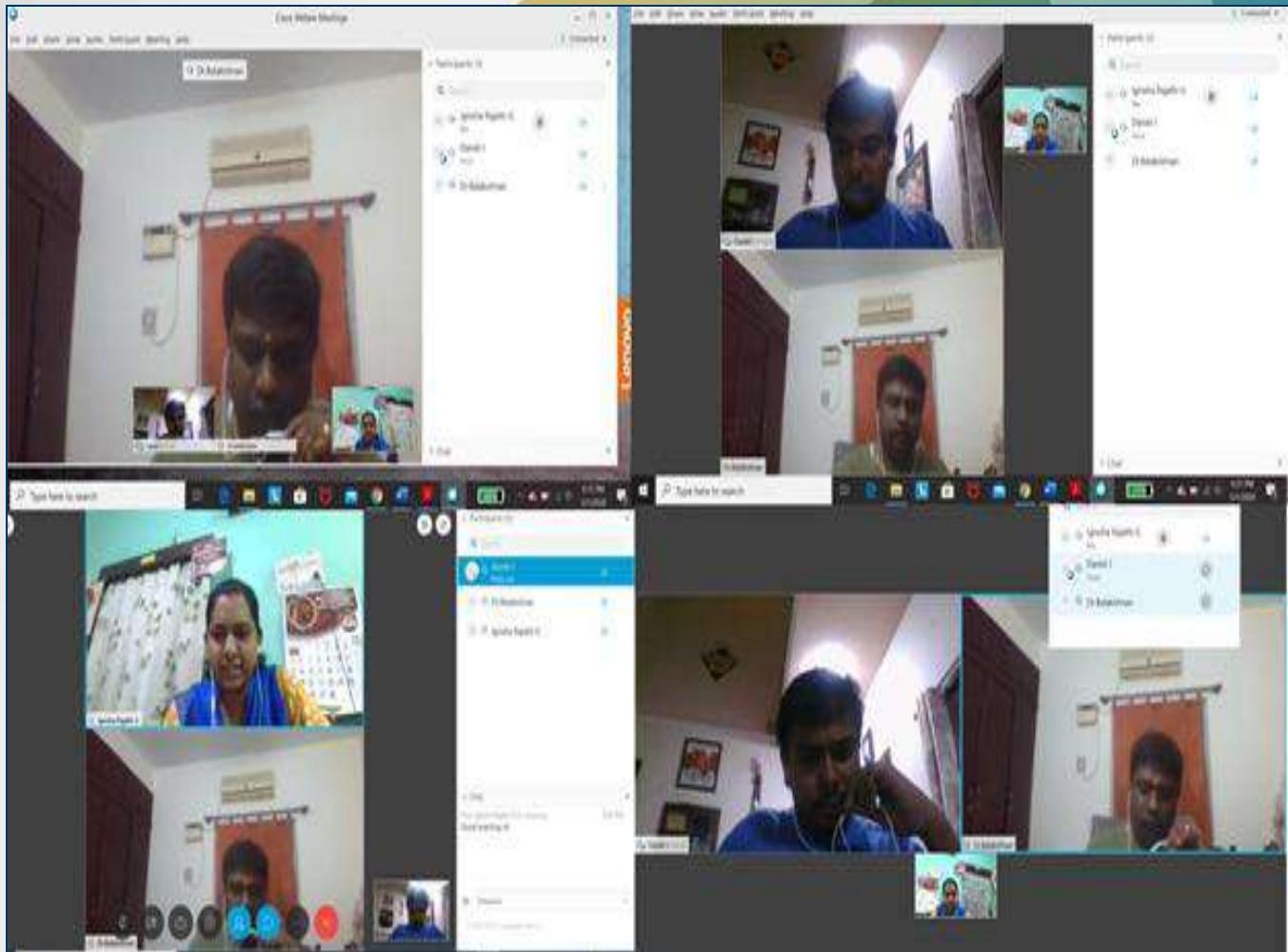
- #1. Course content development and preparedness for next semester.
- #2. Student participation in online classes/courses/ Hackathon
- #3. R&D & online FDP completion of faculty members.
- #4. Conduct of BoS
- #5. Schedule of Webinars



**S&H | DEPARTMENT MEETING – 01.05.2020**

**Dr. V.Ragavi**, Head of the Department, convened a meeting with faculty through Google Meet to discuss the Online certification courses, Outreach Programmes, Digital Content Delivery, Faculty Certifications, FDPs, R&D Activities, Webinars and other academic activities.

## CSBS | FACULTY MEETING – 01.05.2020



**Dr. S.Balakrishnan**, Head of the Department, CSBS convened a meeting with faculty on 01.05.2020 from 6 to 7PM with all faculty members through Cisco WebEx with the following agenda:

- #1. Course content development and preparedness for next semester.
- #2. Close monitoring of student participation in courses/ Hackathons
- #3. Participation of faculty in online courses and certifications
- #4. Research and Development activities



## WEBINARS ON CORE ENGINEERING



e - Academia - Special Edition 5

# #1 MECH | TRENDS IN MECHANICS: BRIDGING THE GAP BETWEEN ENGINEERING AND MEDICINE

**Transform Traction Cytometry**

**Modelling Approaches**

**TRENDS IN MECHANICS : BRIDGING THE GAP BETWEEN ENGINEERING AND MEDICINE**

Presented by Ashwin Seetharaman

SR Ashwin Seetharaman AP Ashoka Varthanan Perumal

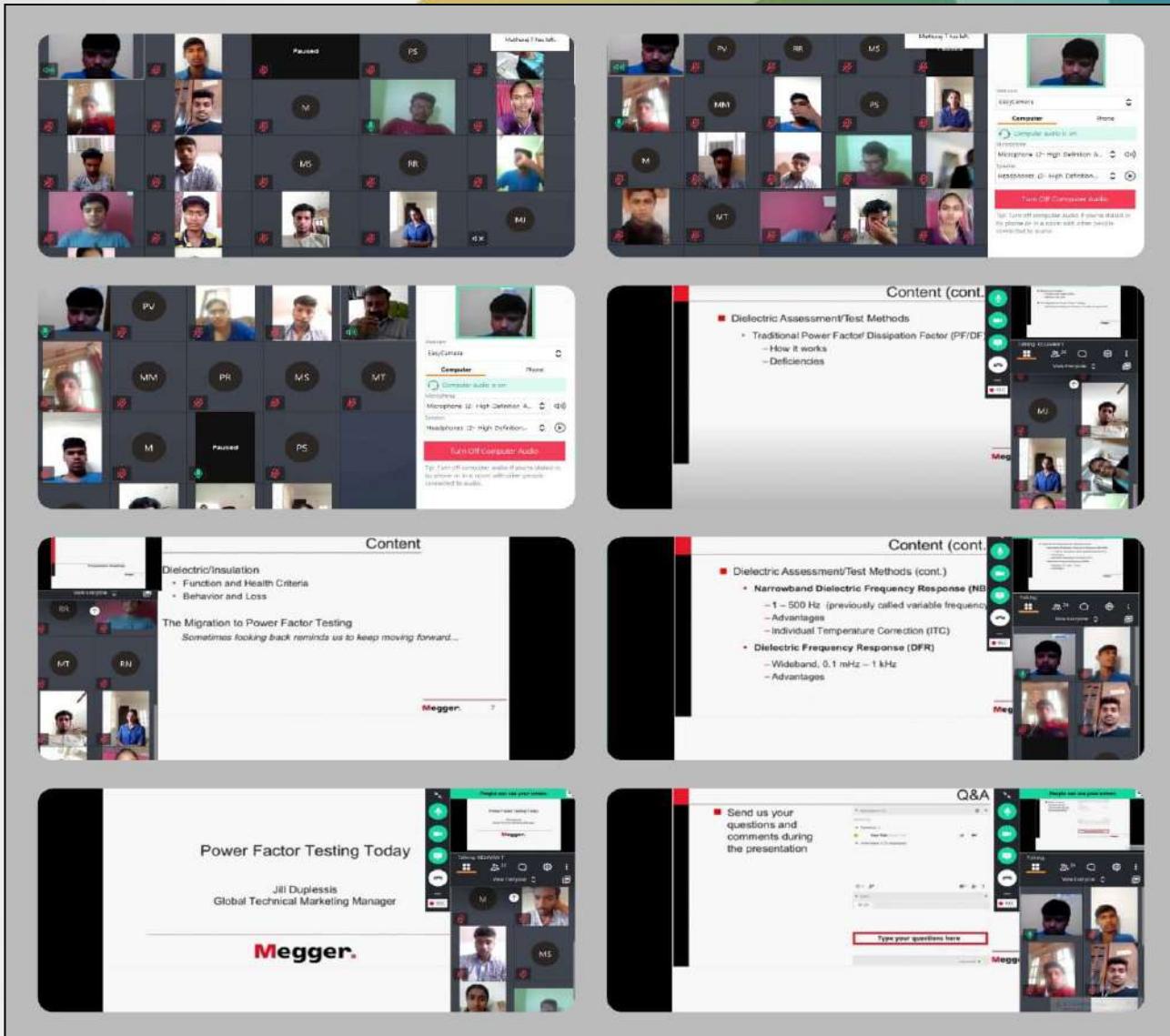
Modelling Approaches

Computational Framework

Approach in Biomedicine

Department of Mechanical Engineering organized a webinar on “**Trends in Mechanics: Bridging the Gap between Engineering and Medicine**” on 24<sup>th</sup> April 2020. The session was handled by **Mr. Ashwin Seetharaman**, Research Assistant - National University of Singapore. He delivered the talk on Biomechanics, Traction Force Computation, Hemodialysis, and Modelling Approaches used in Biomechanics.

## #2 EEE | POWER FACTOR TESTING



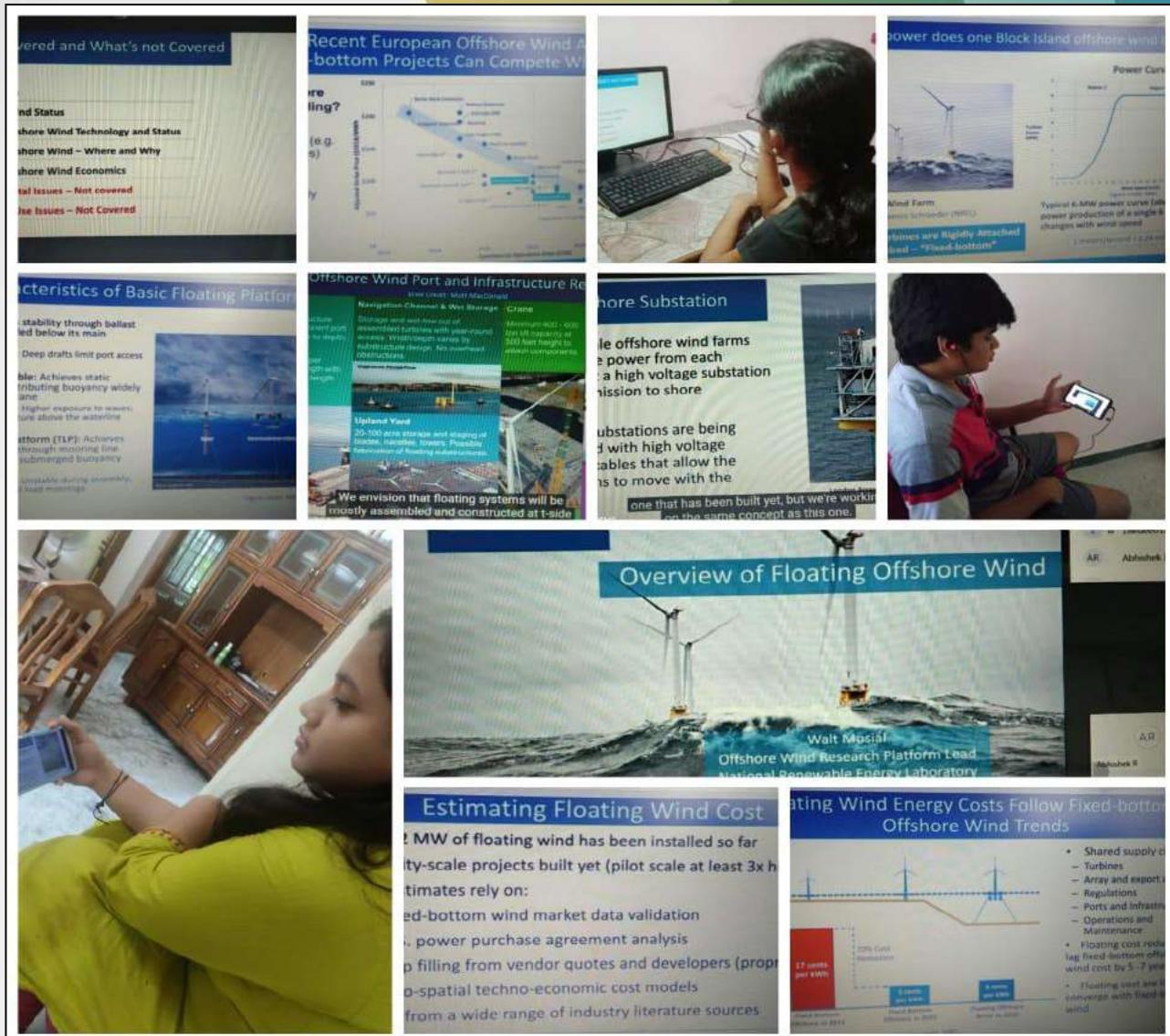
Department of **EEE** organised a Webinar for **II year EEE** students on **Power factor Testing** on 27.04.2020 by **Ms. Jill Duplessis**, Global Technical Marketing Manager, Megger. The expert discussed the overview of Insulation health criteria, Dielectric assessment methods, Dielectric frequency response and Narrowband dielectric frequency response.

## #3 MECH | CAREER PATHS AFTER AN UNDER GRADUATE ENGINEERING DEGREE

The screenshot shows a Zoom video conference interface. The main content is a presentation slide titled "CAREER PATHS AFTER AN ENGINEERING UNDEGRADUATE DEGREE" by "KANISHKAN TAMILARASAN, CAPM". The slide has a blue-toned city skyline background. It contains three main sections: "Career Goals" (green box), "People To Connect" (purple box), and "Career Success" (blue box). Below the slide, there is a video feed of the speaker, Kanishkan Tamilarasan, and a bar chart on the right side.

Department of Mechanical Engineering organized a webinar for the pre final year and final year students on the topic "**Career Paths after an under Graduate Engineering Degree**" on 24.04.2020. Mr.T.Kanishkhan, Project Controller, MI-GSO, Germany was the resource person of the event. He delivered a talk on the options available for the UG students after their degree, the preparations they have to do for success in their career also clarified the doubts of the students regarding higher studies.

## #4 EEE | OFFSHORE WIND ENERGY SYSTEM



Department of **EEE** organised a Webinar for **II year EEE** students on **Offshore Wind Energy System** on 29.04.2020 by **Mr. Walt Musial**, Offshore Wind Research Platform Leaf NREL. The expert discussed the overview of Floating offshore wind port and infrastructure requirements, Offshore substation, Characteristics of basic floating platform and Estimation of floating wind cost.

## #5 MECH | CREATIVITY AND INNOVATION FOR ENGINEERS

The collage consists of nine rectangular frames arranged in a grid-like pattern. Each frame contains a different slide or screenshot from the seminar:

- Top Left:** A slide titled "Income VUCA world" with a "Creativity" section. It defines "Creativity" as the ability to develop new ideas and to cover new ways of looking at problems and solutions, and "Innovation" as the ability to apply creative solutions to problems and opportunities to enhance or to improve people's lives.
- Top Middle:** A video conference interface showing multiple participants in a grid. The interface includes participant names and video feeds.
- Top Right:** A slide titled "Innovation" featuring a hand pointing at a lightbulb icon with arrows pointing to "Invention" and "Technology". A Venn diagram shows the intersection of "Creative Technology" and "Business".
- Middle Left:** A slide titled "In - Innovation" defining "Innovation" as the creation of something new and "Invention" as a change to something that already exists. It includes images of three different wheel designs.
- Middle Center:** A slide titled "Creativity and Innovation." featuring a large image of a lit lightbulb.
- Middle Right:** A slide titled "a VUCA world" explaining the acronym and its components: Complexity (Multiple key decision factors), Volatility (Fast rate of change), Ambiguity (Lack of clarity about the meaning of an event), and Uncertainty (Uncertain future).
- Bottom Left:** A slide titled "Split Brain Theory" with a color-coded chart and text about the left-right brain conflict.
- Bottom Center:** A slide titled "The Future" with a section on "Split Brain Theory" containing a bulleted list of points and an image of a human head with "Building the mind of the future" text.
- Bottom Right:** A slide titled "Innovation" with a matrix diagram showing the relationship between "Invention" and "Technology" across different fields like Manufacturing, Electronics, and Biotechnology.

Webinar on "**Creativity and Innovation for Engineers**" was organized by the Department of Mechanical Engineering on 25<sup>th</sup> April 2020 at 04.00 PM. The session was handled by **Mr. P. Santhana Krishnan, Technical Expert** from a leading MNC company. He delivered the talk on Split Brain Theory, Barriers to Creativity and difference between Creativity & Innovation.

## #6 EEE | SOLAR PV TECHNIQUES

**Top 100 Floating Solar Plant (Per January 2019)**

**TOP 5 Floating Solar PV Markets**

Market	Capacity (GW)	Number of Projects
Japan	100.13	10
China	79.10	10
South Korea	22.11	10
United Kingdom	10.00	10
U.S.	2.00	10

**Concept - Syst**

**Main Advantages**

- Deployment of PV plants saves land space / cost
- Reduced grid connection infrastructure investment
- Better performance due to the cooling effect

**Estimated Capex**

- SERIS in 2017\*: 1.135 USD/Wp (PV modules: 0.34 USD/Wp)
- SERIS + WB in 2018\*: 0.73 USD/Wp (PV modules: 0.24 USD/Wp)
- We see variations from 0.8USD/Wp – 2+USD/Wp

**Multiconsult**

**Competitive landscape**

Floating solar is currently undergoing a technology race where the dominant design has not yet been established

**Adtech Systems**

Department of **EEE** organised a Webinar for **II year EEE** students on **Advanced Solar PV Techniques** on 28.04.2020 by **Mr. Simon**, Technical Lead, Multiconsult Ltd. The expert discussed the overview of Environmental Impact, Performance of PV Module, Hybridization with Hydropower and Realized Investment Cost of Floating PVs.

## #7 MECH | FUTURE TRENDS IN AUTOMOTIVE INDUSTRY

**Future Trends in Automotive Industry**  
- Ravi Shankar T

**OEM**

- Style Team
- Architecture or Package
- BIW (Body In White)
- Chassis
- Trims
- Electrical & Electronics
- Material Team
- IT

**PRONOUNCE**

- HYUNDAI
- RENAULT
- Volkswagen
- Chevrolet

**Homologation by ARAI (Automotive Research Association of India)**

**Major Automotive Break up (Passenger segment)**

AR (Automotive Research Association of India)

Digital Department Manufacturer

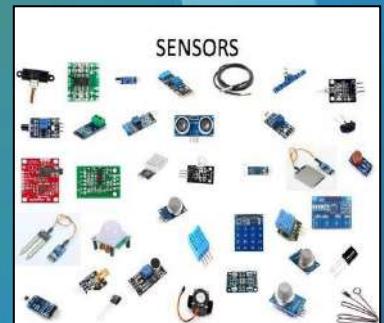
Participants in the video call:

- R
- KG
- K N Gokulakaran
- Wooch M
- N
- nitishkumar5
- 1
- Arundhathi Ramaswamy
- Ashoka Veerabalan Perumal
- Mansoor R B
- Tanviya Rasiether Periyasamy
- Neenu02



Department of Mechanical Engineering organized a webinar on the topic "**Future trends in Automotive Industry**" on 25.04.2020 at 5 PM. **Mr. Ravi Shankar**, Team lead BIW Design, Ford Motors Ltd., Chennai was the resource person. He discussed the future trends in automotive industry and the importance of Electrical Vehicle technology. The process of car manufacturing was also explained in detail by Mr. Ravi Shankar.

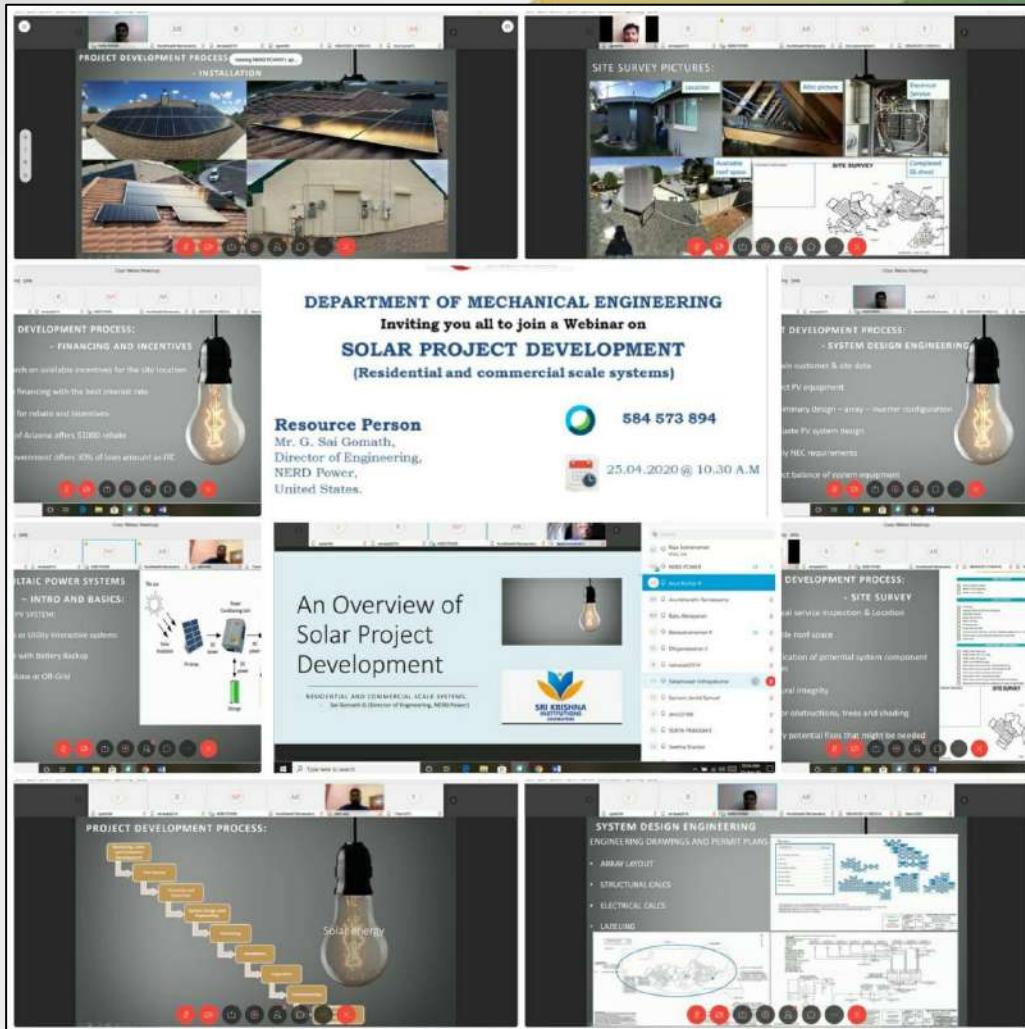
## #8 ECE | MULTIPHYSICS MODELING OF PIEZOELECTRIC SENSORS AND ACTUATORS



Institution's Innovation council (IIC) and department of ECE organized an online webinar on the topic "**Multiphysics Modeling of Piezoelectric Sensors and Actuators**" on 27.04.2020 delivered by **Mr.James Ransley**, Senior Engineer, Veryst Engineering. The key take-aways of this webinar were:

- Piezoelectric Devices & Multi-physics
- Simulation Piezoelectric in MEMS
- Medical devices & Bio-Pharma Applications

## #9 MECH | SOLAR PROJECT DEVELOPMENT



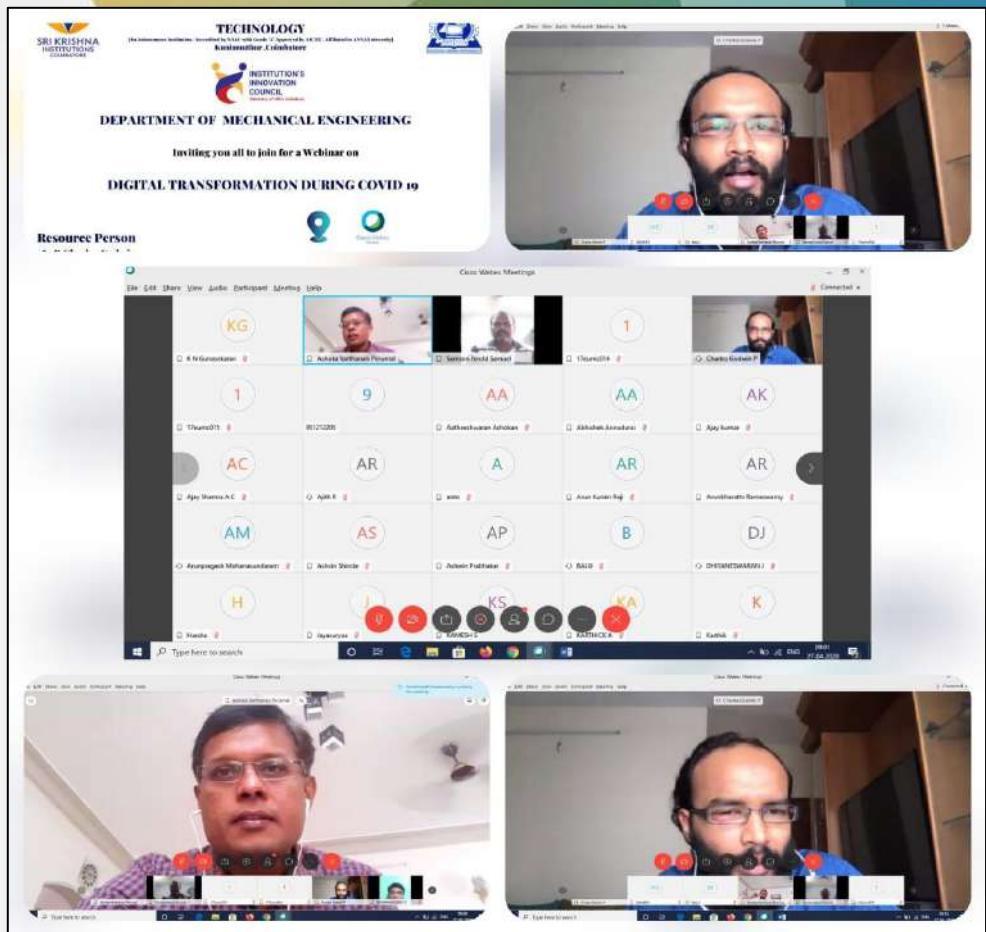
Webinar on "**Solar project development**" was organized by the Department of Mechanical Engineering on 25<sup>th</sup> April 2020 at 10.30 AM. The session was handled by **Mr. Sai Gomath, Director of Engineering, NERD Power, United States.** He presented an overview of Solar project development in residential and commercial sectors.

## #10 ECE | 5G NETWORK SLICING



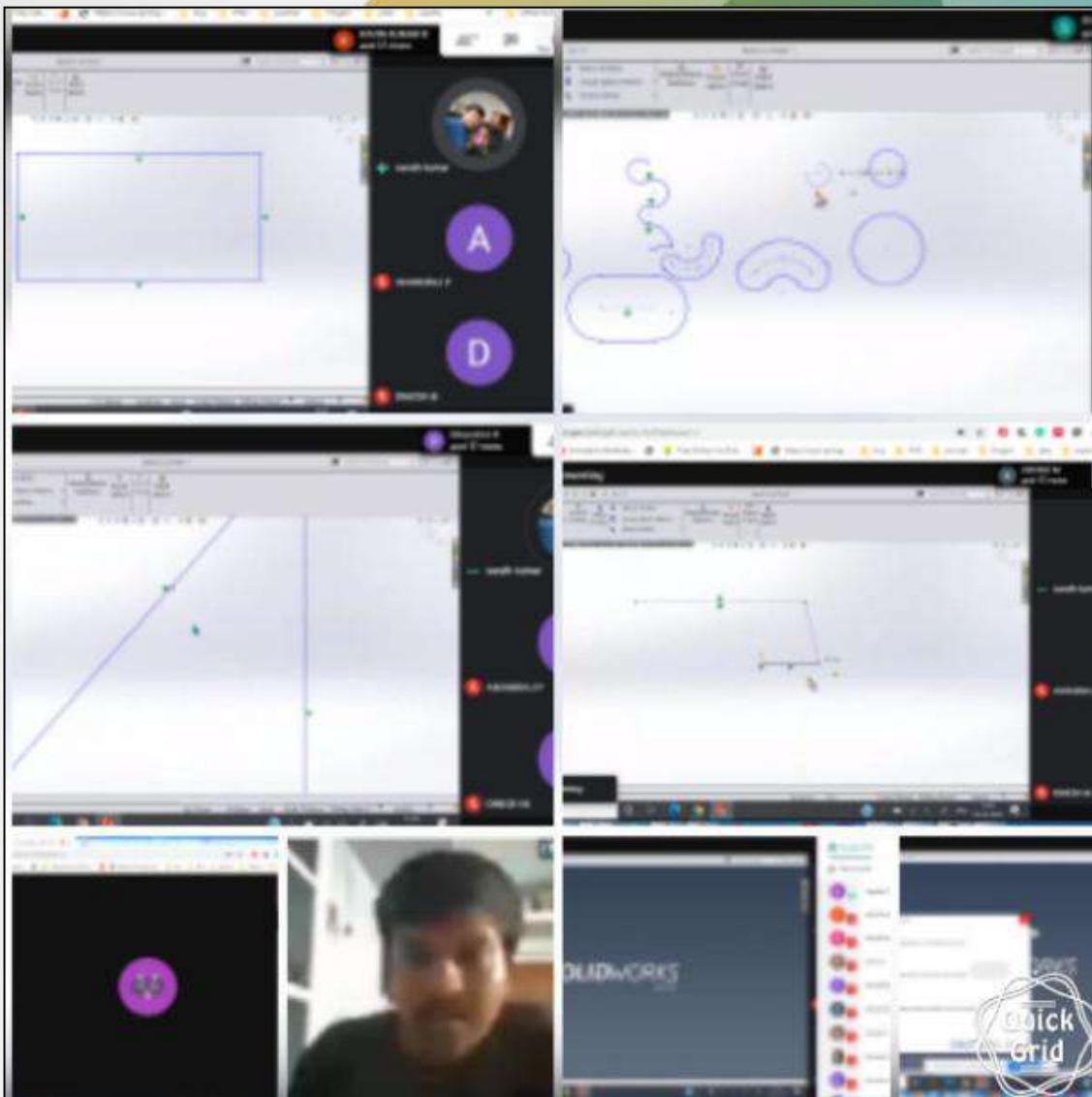
Institution's Innovation council (IIC) and Department of **ECE**, SKCET organized an online webinar on the topic "**5G Network Slicing: Ensuring Successful Implementation and Validation**" on 28.04.2020 delivered by **Mr.Daniel Musat**, Senior Product Manager, Keysight Technologies. The key take-aways of this webinar were 5G Network Slicing, Challenges for Network Slicing Implementation, Network function roles and validating network slicing.

## #11 MECH | DIGITAL TRANSFORMATION DURING COVID 19



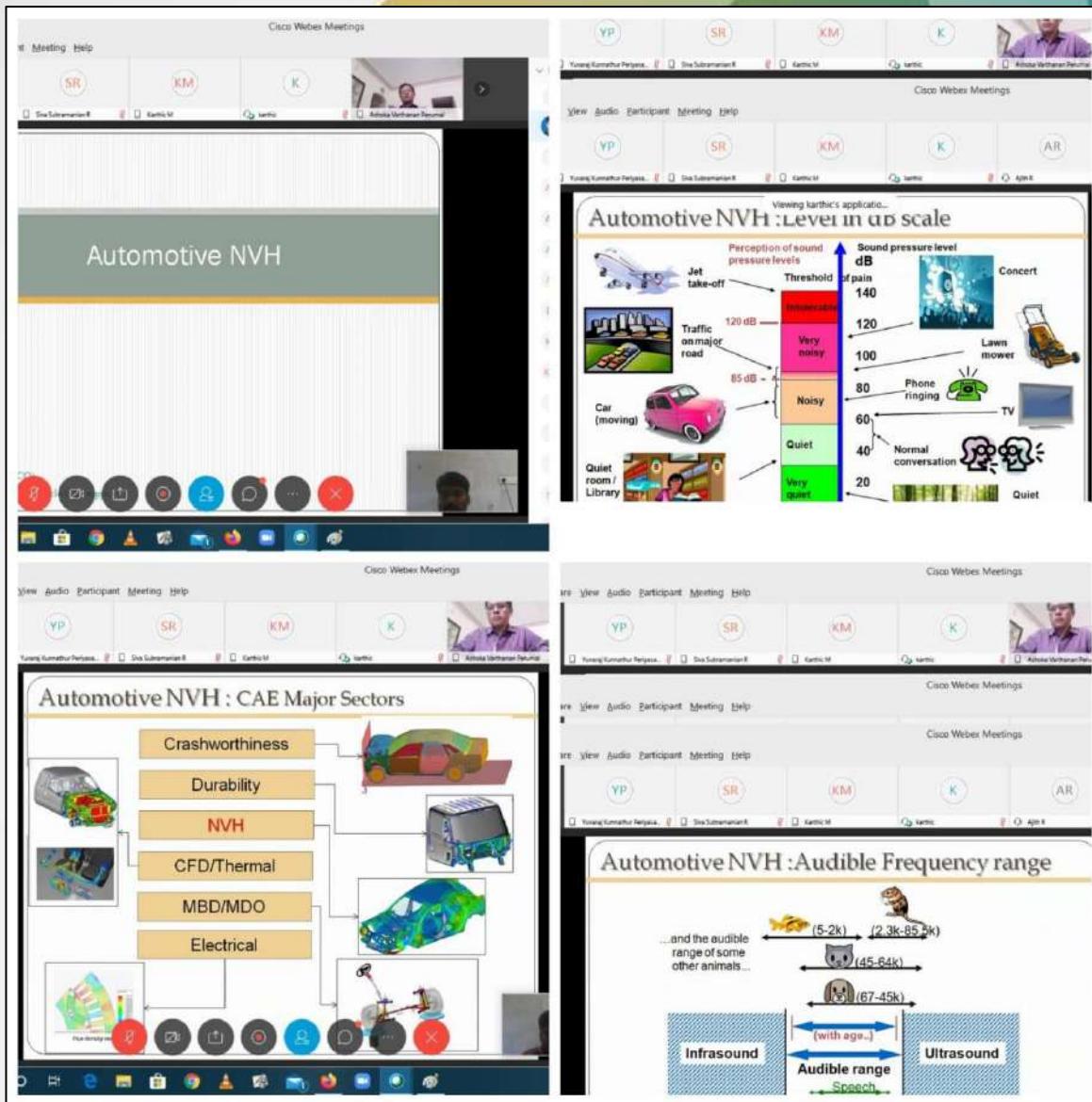
Department of Mechanical Engineering and Institute of Indian Foundrymen students' chapter organized a webinar on "**Digital Transformation during COVID 19**" on 27<sup>th</sup> April 2020 at 9 AM. **Mr.P.Charles Godwin, HR Leader & Public Speaker, Zoho Corporation** was the resource person. He delivered the lecture to our students and faculty members and highlighted the importance of digital transformation. He discussed the impact and influence of social media, skills required for the students to crack interviews, challenges and opportunities in digital transformation.

## #12 MCT | SIMULATION AND MODELLING SOFTWARES



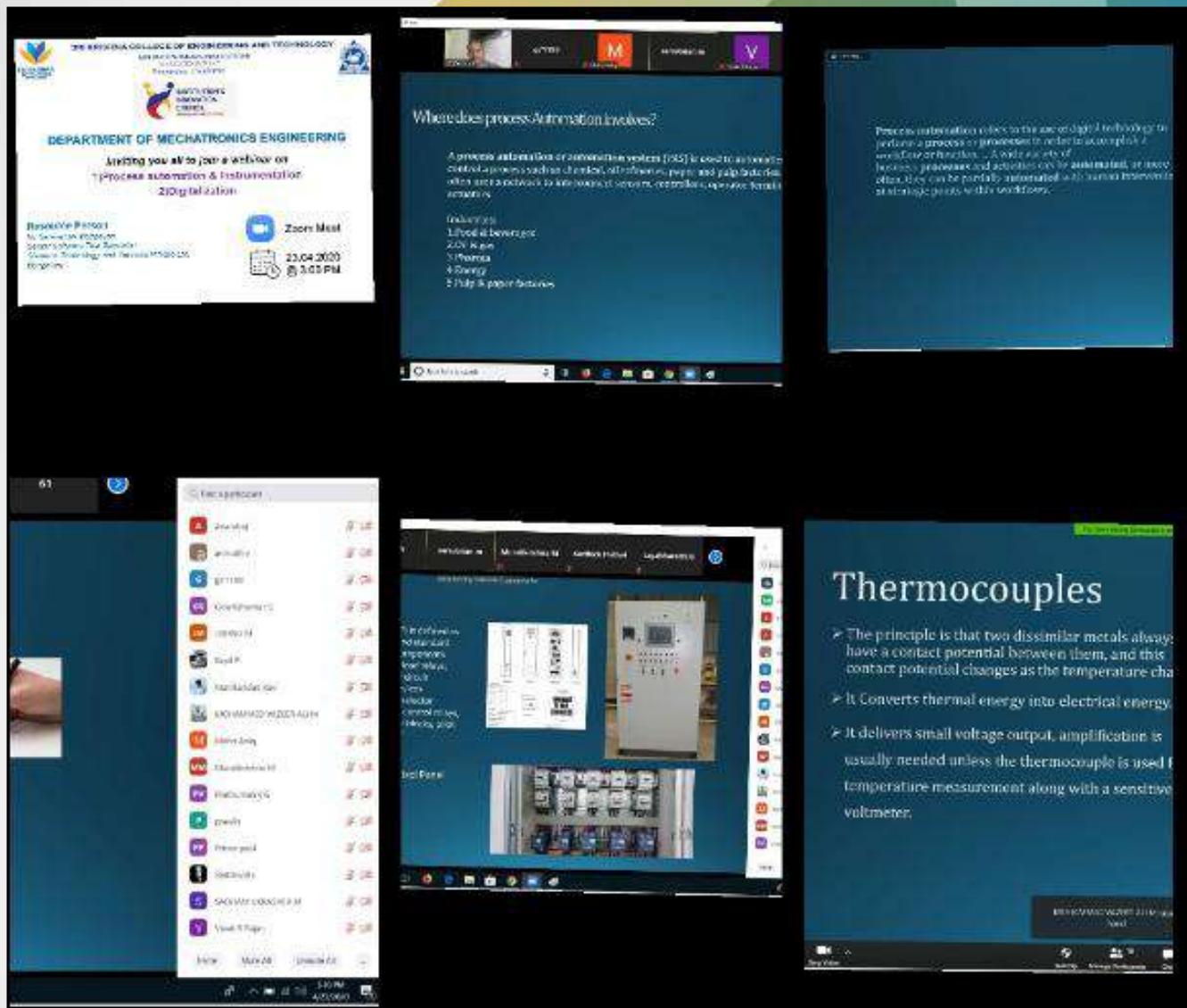
A Webinar was organized for the First, Third and Final year Mechatronics Engineering students on Simulation and Modelling softwares on 28.04.2020. Mr.Sarath Kumar T, Design Engineer, Flsmidth, Chennai was the resource person of the session. Various simulation softwares, Introduction to solid works software, Sketching in Solidworks , Part Modelling, Weldmet Profile creation and tools used were the highlights of the session.

## #13 MECH | AUTOMOTIVE NVH



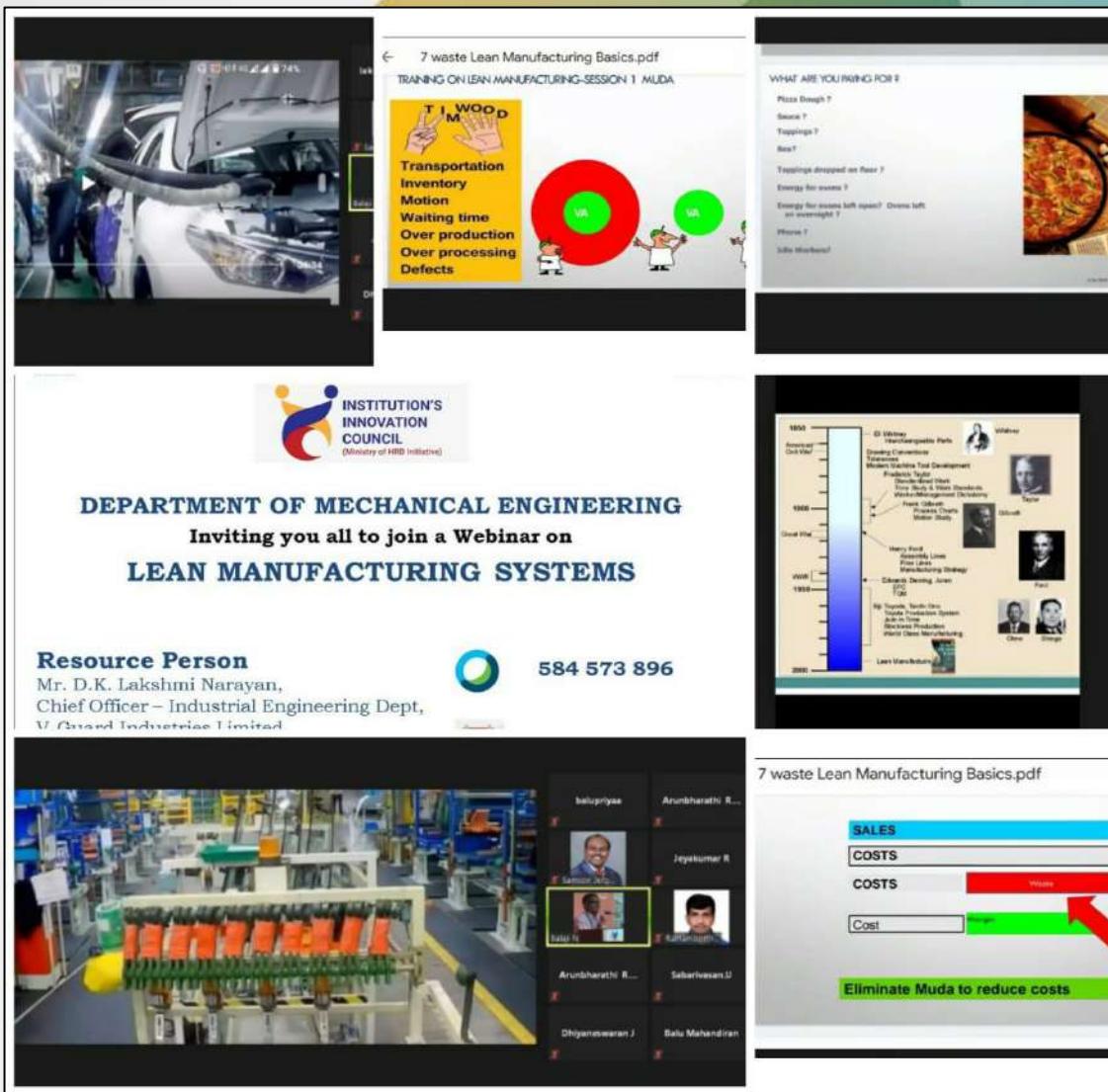
Department of Mechanical Engineering organized a webinar on the topic "**Automotive NVH**" on 27.04.2020 at 4 PM. Mr. M. Karthick, Lead Engineer, Fiat Chrysler Automobiles, Chennai was the resource person. He discussed the causes of noise and vibration in automobile. The importance of CAE in automobile was also explained in detail by the resource person.

## #14 MCT | PROCESS AUTOMATION &amp; INSTRUMENTATION



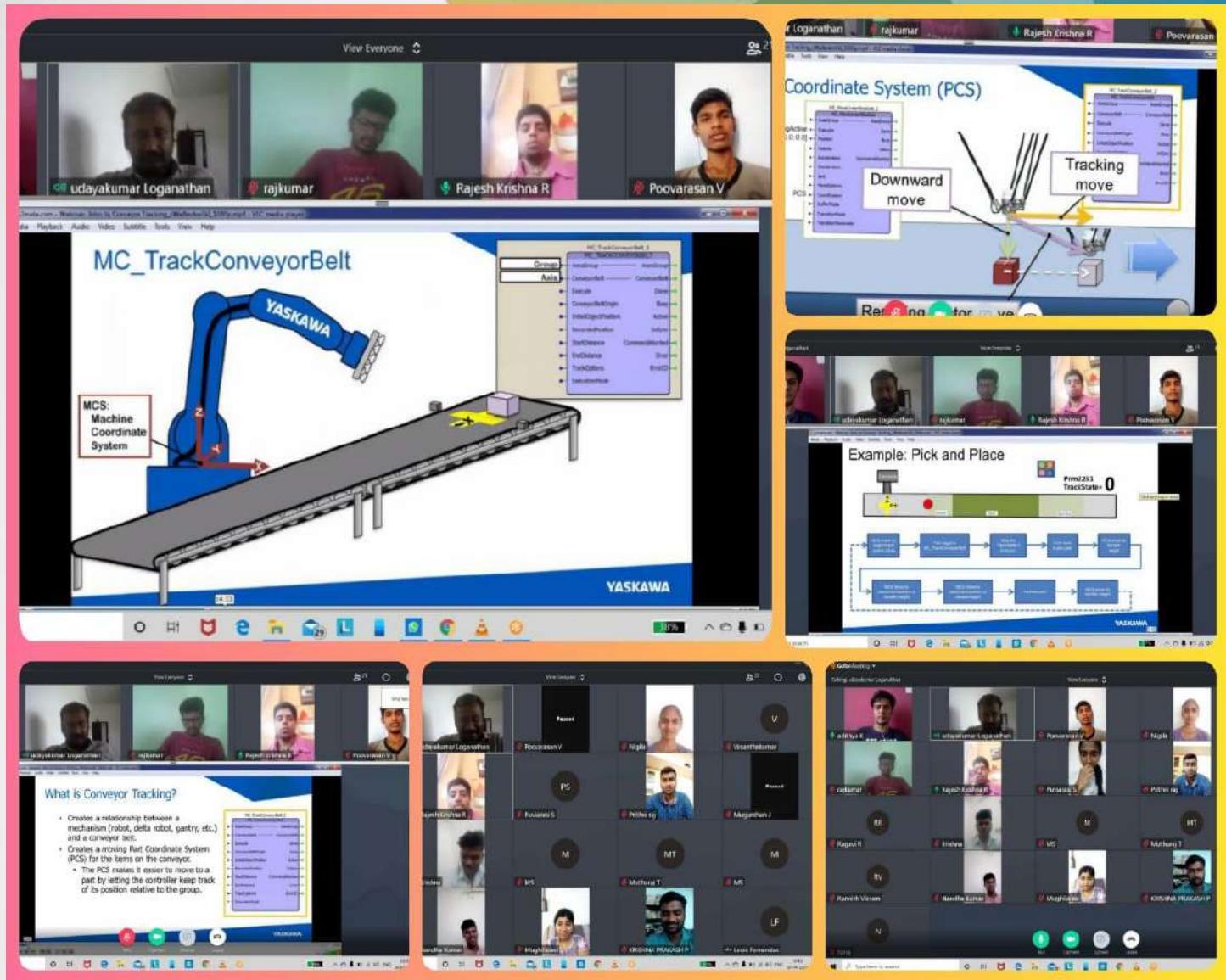
A Webinar was organized for the **Third and Fourth** year students on '**Process Automation & Instrumentation**' on 23.04.2020. **Mr.Saravanan Madhavan**, Senior S/W Test Specialist, Siemens Technology & Services Pvt. Ltd, Bengaluru was the resource person of the session. Process Automation, Instrumentation concepts, various Sensors & its roles, role of Mechatronics Engineering students in Automation were the points discussed.

## #15 MECH | LEAN MANUFACTURING SYSTEMS



Department of Mechanical Engineering a webinar on "**Lean Manufacturing Systems**" on 28<sup>th</sup> April 2020. **Mr. D.K Lakshmi Narayan**, Chief Officer-Industrial Engineering Department, V-Guard Industries Limited, Coimbatore was the resource person. He presented in detail about 7 types of waste in an industry with live examples. He also discussed the importance of Lean manufacturing tools and methodologies.

## #16 EEE | CONVEYOR TRACKING WITH MOTION WORKS



Department of EEE organised a Webinar for II year EEE students on **Conveyor Tracking with Motion Works** on 30.04.2020 by **Mr. Mark Wilder**, Application Engineer, YASKAWA. The expert discussed the overview of Conveyor belt coordinates, Part coordinate system and Motion control tracking and modes of operation.

## #17 MECH | ENVIRONMENTAL IMPACT ASSESSMENT (EIA)

**SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY**  
(An Autonomous Institution Accredited by NAAC with Grade 'A' Approved by AICTE - Affiliated to Anna University)  
Kumamangalam, Coimbatore

**DEPARTMENT OF MECHANICAL ENGINEERING**

Inviting you all to join for a Webinar on  
**ENVIRONMENTAL IMPACT ASSESSMENT**

Resource Person  
Mr. Jayakumar P.,  
Senior Principal Scientist,  
Centre for Water Resources Development & Management,  
Kerala.

April 28, 2020 @ 02:00 PM

**Brief History of EIA**

- First introduced in USA as NEPA act in 1970
- Acts similar to NEPA enacted by Canada, Australia, New Zealand
- During the 1970s, other industrial and developing countries introduced formal EIA requirements
- In 1989, EIA became a standard requirement for World Bank financed projects
- The Rio Declaration, 1992 said : "EIA... shall be undertaken for proposed activities that are likely to have a significant adverse impact on the environment and are subject to a decision of governmental authority"

**EIA Process in India**

```
graph TD; ProjectA[Project A] --> ProjectB[Project B]; ProjectA --> ProjectC[Project C]; ProjectB --> Info[Information of these declared activities received against concerned body for the project "A" is collected]; Info --> Applicable[Applicable Reg. To "A" Project]; Applicable --> EARequired[EA required (Called "EA" Project)]; Applicable --> NoEA[No EA required (Called "No EA" Project)]; EARequired --> Draft[EIA Drafted for public consultation]; Draft --> Approved[Approved]; Approved --> FinalAssessing[Final assessing]; NoEA --> FinalAssessing;
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Department of Mechanical Engineering a webinar on “Environmental Impact Assessment (EIA)” on April 28, 2020. Mr. Jayakumar P, Senior Principal Scientist, Centre for Water Resources Development and Management (CWRDM), Kerala was the resource person of the event. He gave an overview of EIA, environmentally sensitive places in India and listed few projects of various government and non-government agencies which have undergone such assessments.

## #18 S&amp;H | 5G TECHNOLOGY

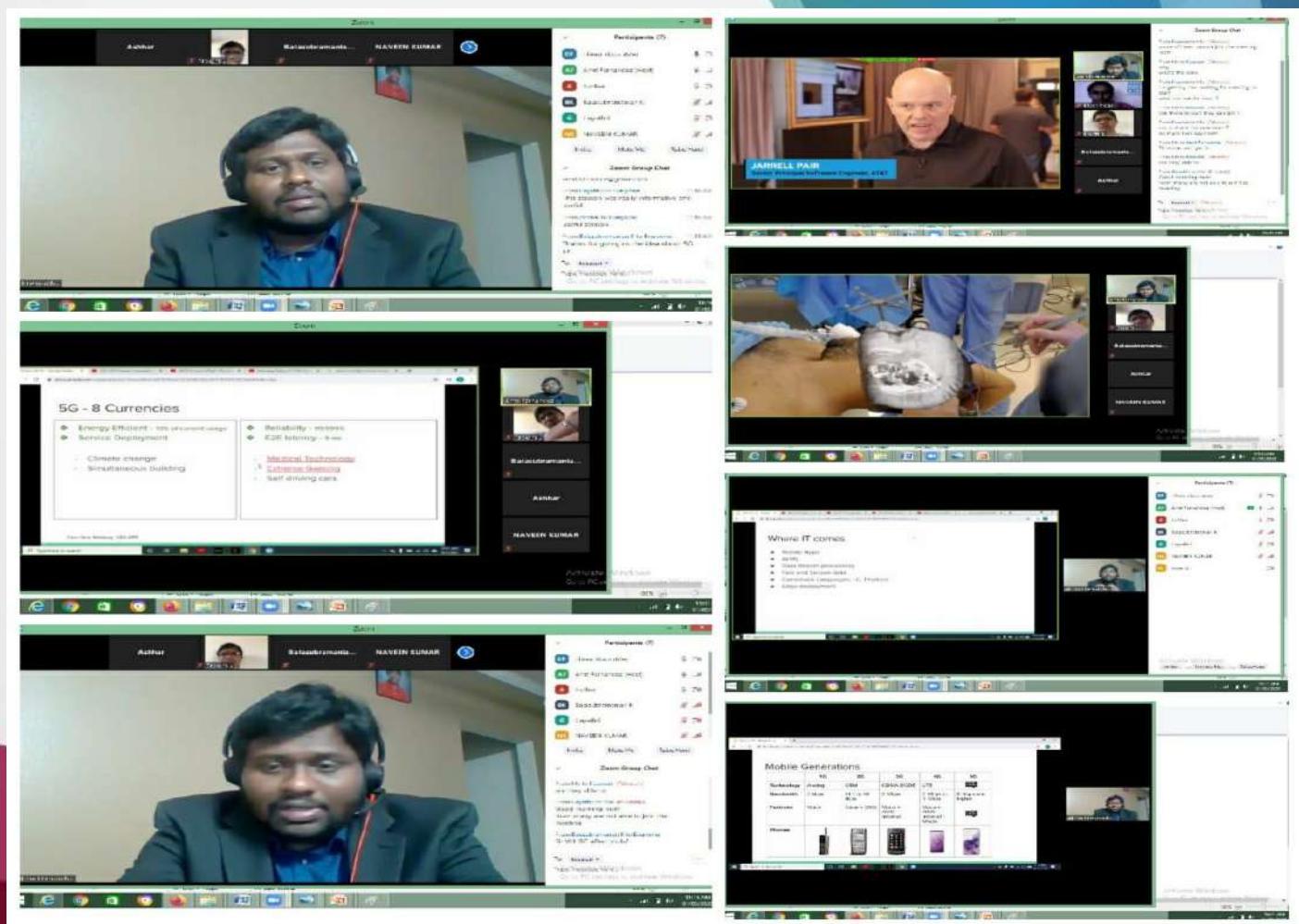
The Department of Science and Humanities organized a Webinar on the topic '**Future of 5G Technology**' on 01.05.2020.

**Resource person:**

Mr.Amit Fernandez,DMTS/Solution Architect, Verizon Communications Inc, Dallas,USA.

**Key take-away points :**

1. Technologies that enable 5G-Millimeter waves, Small cell, Massive MIMO, Beam forming.
2. 8 Currencies of 5G
3. 4th Industrial Revolution and Industries impacted.
4. Impact on Mobile apps, Cloud and Software languages



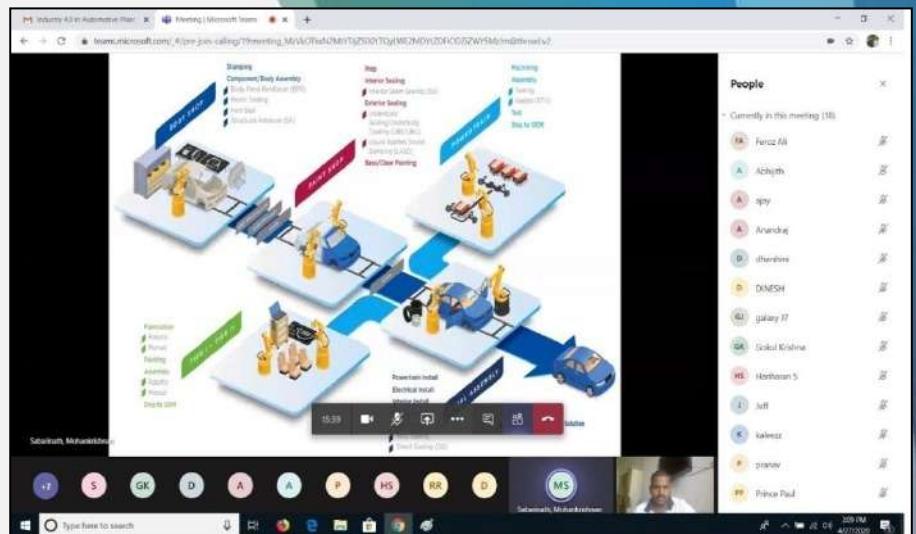
## #19 ECE | CHATBOTS TO AUTOMATE OPERATIONAL FUNCTIONS



Institution's Innovation council (IIC) and the Department of ECE organized an online webinar on the topic "**Chatbots to Automate Operational Functions**" on 29.04.2020 delivered by **Mr.Sourav Chaterjee**, Technology Manager, Amdocs. The key take-aways of this webinar was:

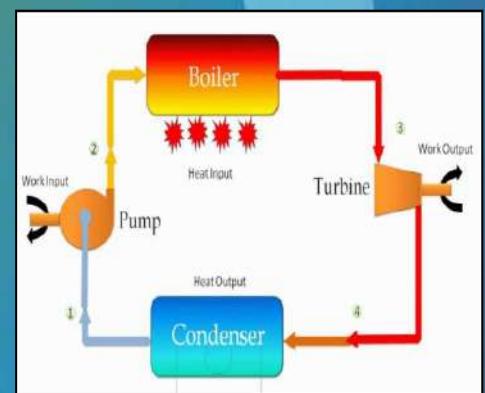
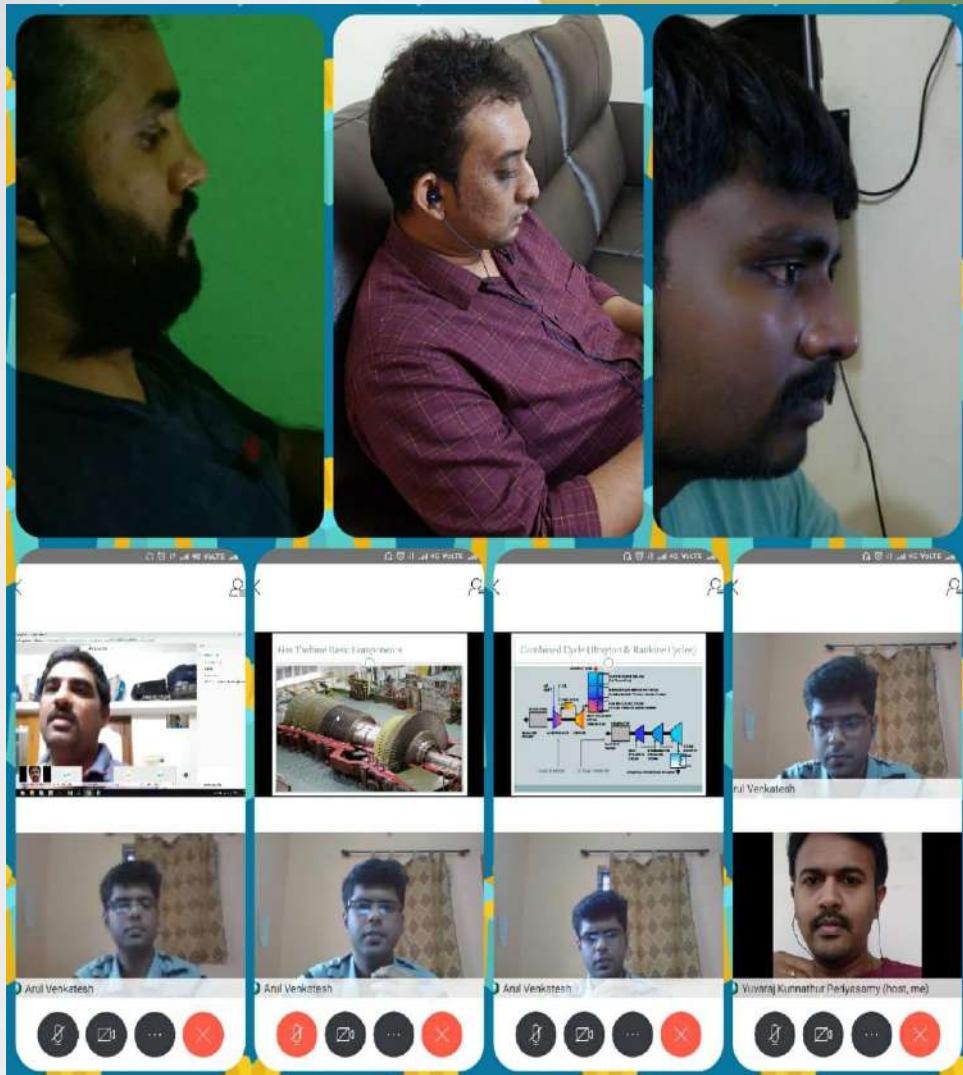
- Understanding and Choice of Chat bots
- Starting a new Chatbot project

## #20 MCT | INDUSTRY 4.0 FOR AUTOMOTIVE PLANT



A Webinar was organized for the Third and Fourth year Mechatronics Engineering students on Industry 4.0 for Automotive Plant Maintenance on 27.04.2020. Mr.Sabarinath. M, Country Manager, Carlisle Fluid Technologies UK Ltd, Chennai was the resource person of the session. Mechatronics in Automotive Sector, IoT in Industrial collaboration, Basic robotics skills were the points discussed.

## #21 MECH | POWER PLANT CYCLES



Department of Mechanical Engineering in association with Mitsubishi Hitachi Power Systems organized a webinar on the topic "Introduction to Power Plant Cycles" on 30/04/2020 at 5.00 PM. **Mr. V. Arul Venkatesh, Lead Engineer, Mitsubishi Hitachi Power Systems** was the resource person for the session. He discussed the cycles employed in power plants and the future application of Hydrogen in power generation domain.

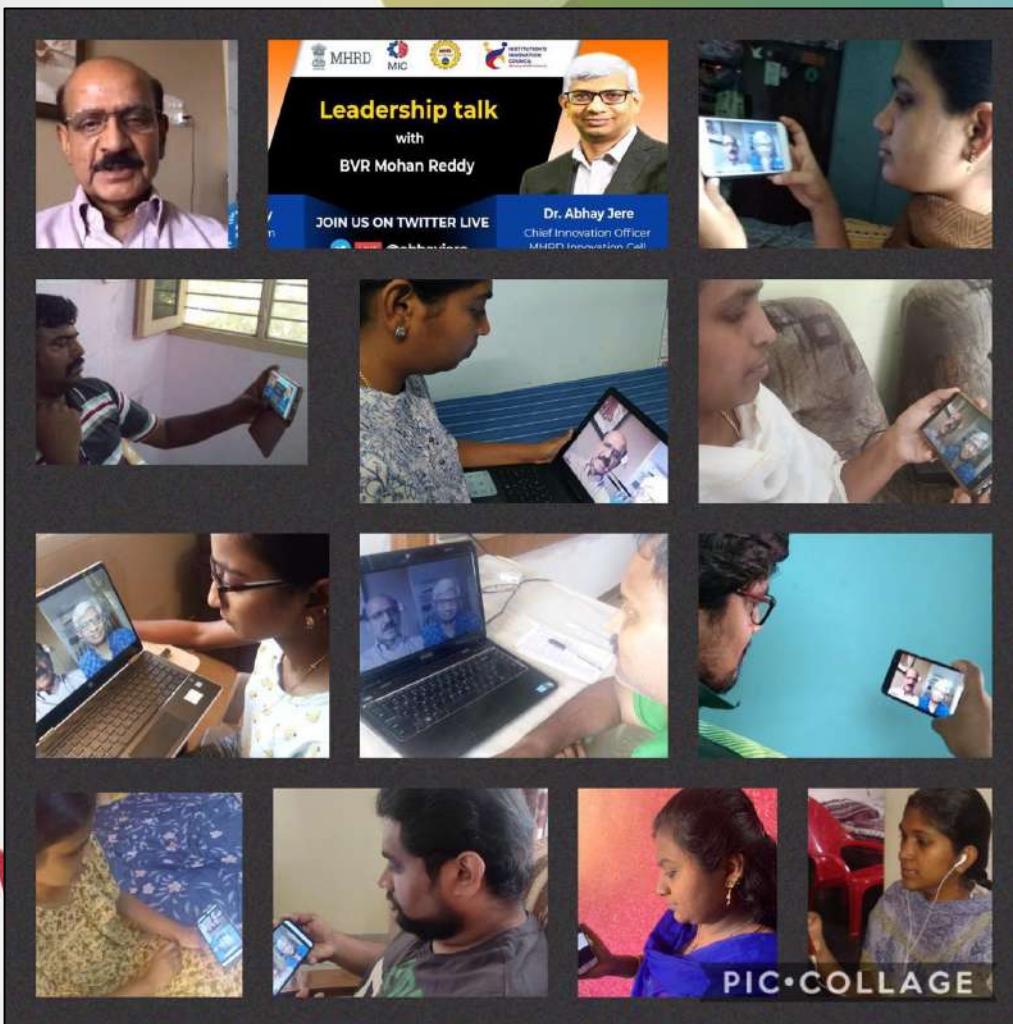


## IIC LEADERSHIP TALK SERIES

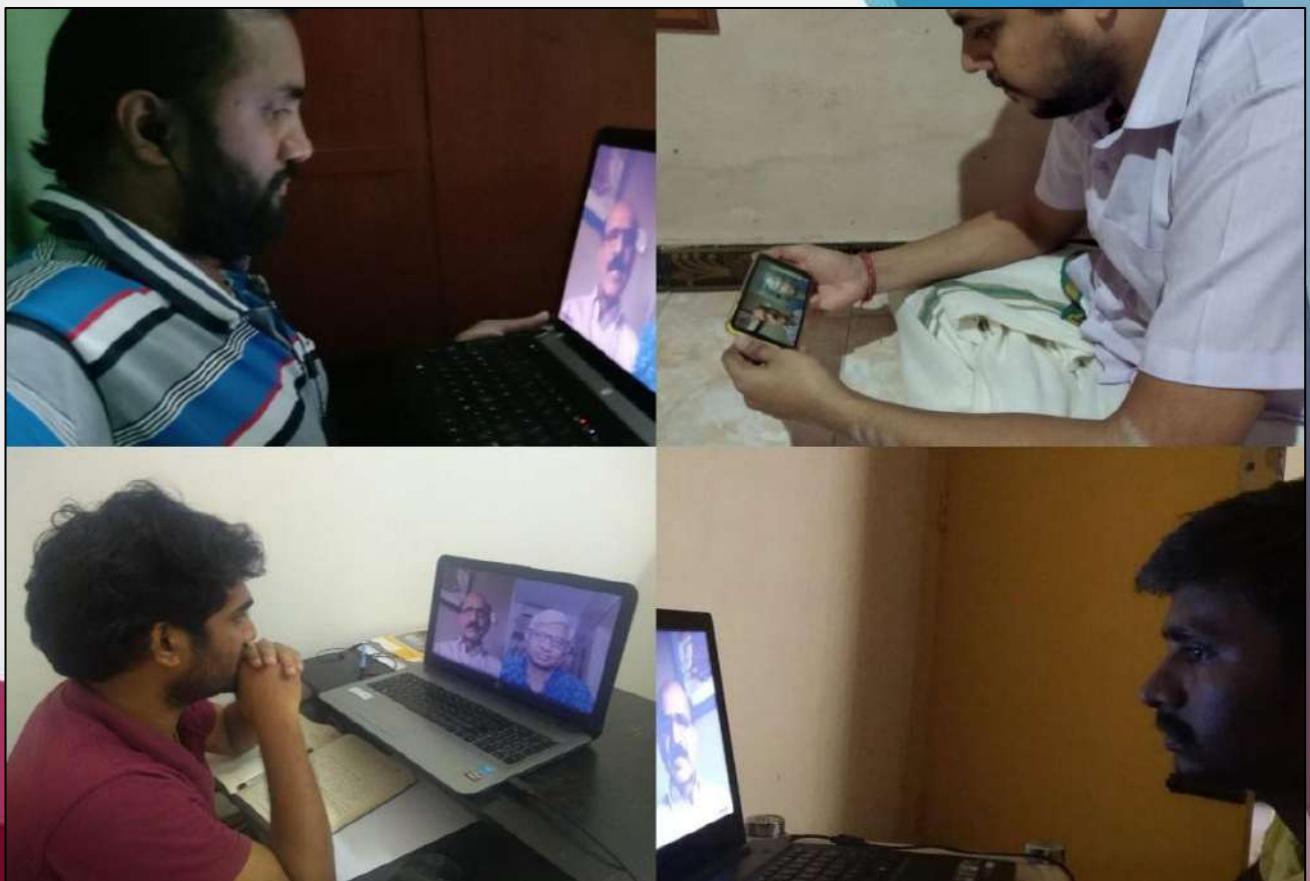


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## IIC | LEADERSHIP TALK SERIES#1 MR. BVR MOHAN REDDY, EX- CHAIRMAN – NASSCOM AND CHAIRMAN – CYIENT



Institution's Innovation Council of SKCET organized a webinar on "Leadership Talk" with **Mr. BVR Mohan Reddy, Ex- Chairman – Nasscom and Chairman – Cyient** on 27<sup>th</sup> April 2020. IIC students and faculty members of SKCET watched the webinar. The talk was about the silver lining in the economy during and post COVID crisis.

**IIC | LEADERSHIP TALK SERIES#1: GLIMPSES**

## IIC | LEADERSHIP TALK SERIES#2

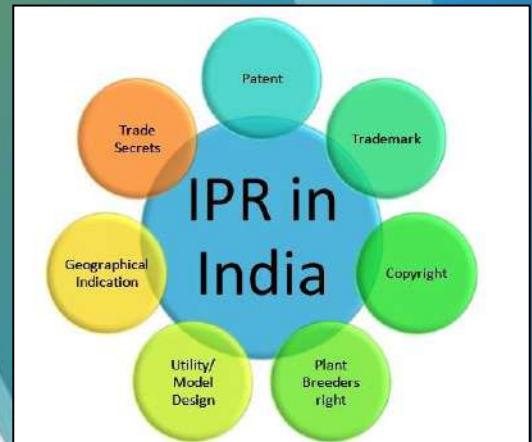
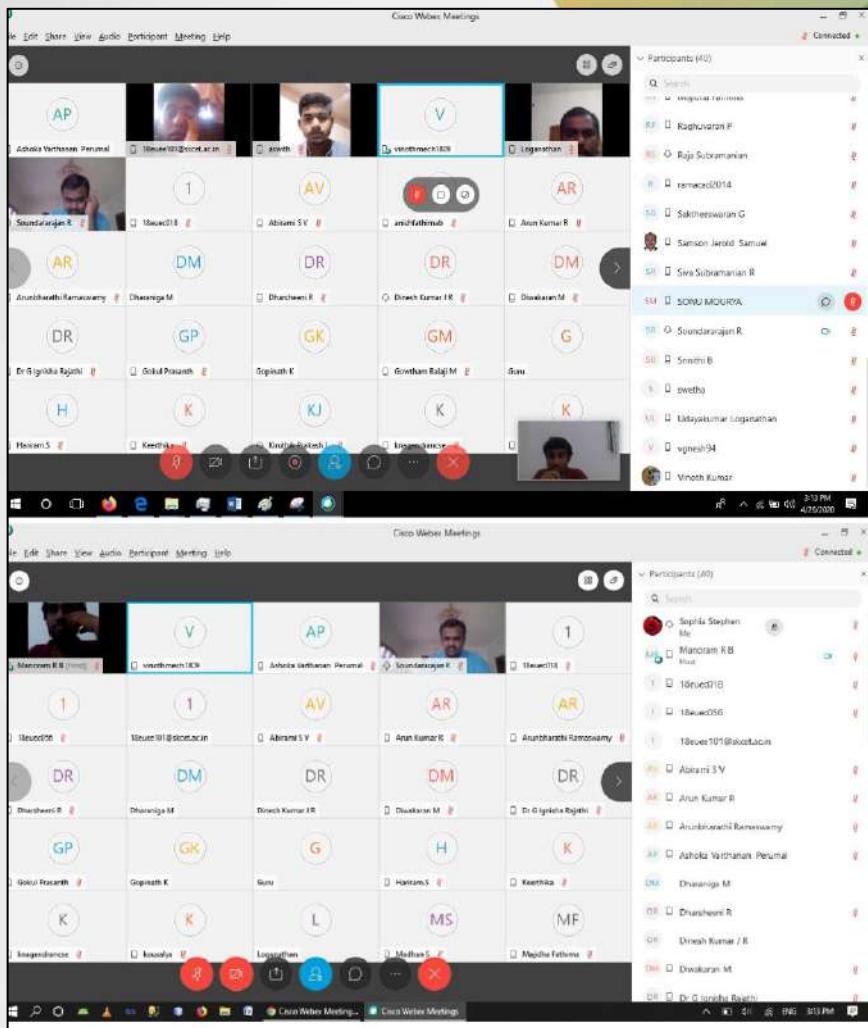
### MS. ANU ACHARYA, FOUNDER AND CEO - MAPMYGENOME



Institution's Innovation Council of SKCET organized a webinar on "Leadership Talk" with **Ms. Anu Acharya, Founder and CEO - Mapmygenome** on 28<sup>th</sup> April 2020. Dr. Abhay Jere, Chief Innovation Officer – MHRD Innovation cell interacted with the resource person. IIC students and faculty members of SKCET watched the webinar. They discussed on how COVID – 19 pandemic affected the lifesaving industries like Bio Tech and Pharma.

**IIC| LEADERSHIP TALK SERIES#2: GLIMPSES**

## IIC | WORKSHOP ON INTELLECTUAL PROPERTY RIGHTS #3



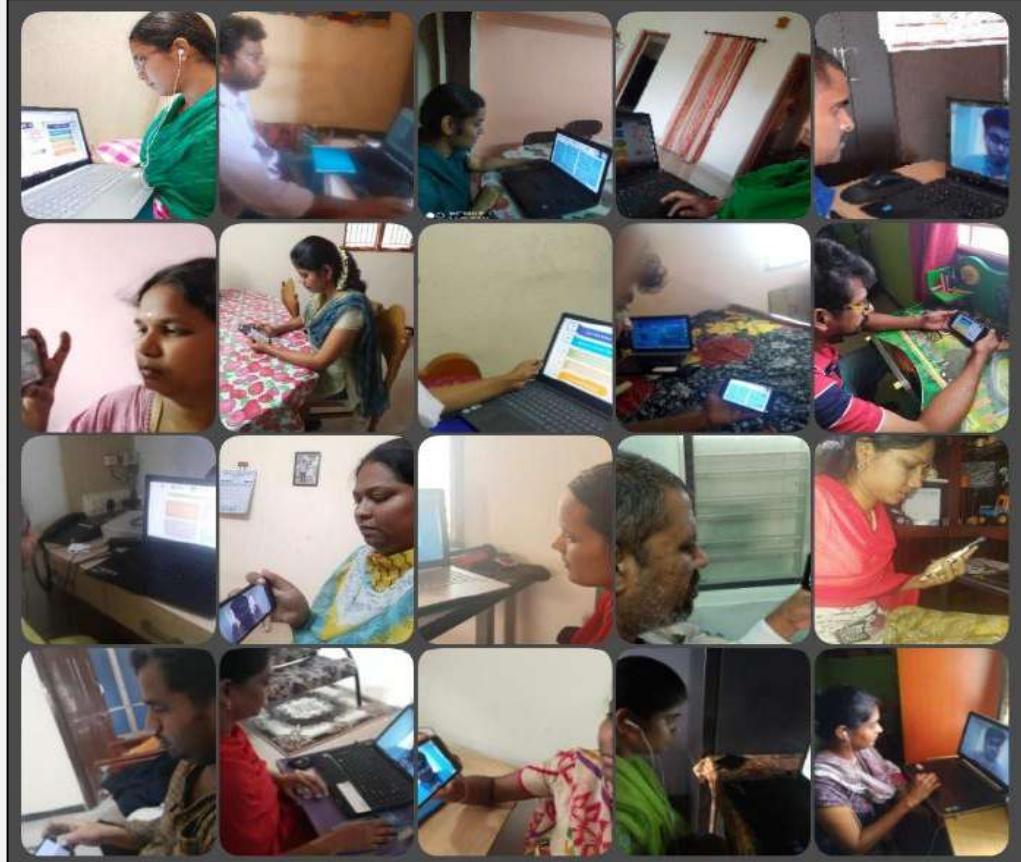
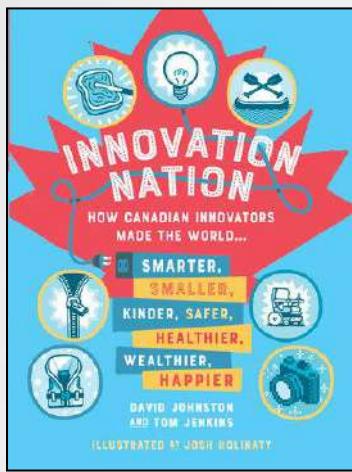
Institution's Innovation Council of SKCET organized an online workshop on "**Intellectual Property Rights**" on 26<sup>th</sup> April 2020 at 3 PM as part of World IPR Day. **Mr. J. Vinoth Kumar, Consultant - Patents and Intellectual Property Rights** was the resource person of the event. Students and Faculty members of SKCET attended the webinar. The resource person delivered a talk on IPR and discussed the patentable and non-patentable innovations. He also discussed the benefits of patenting an innovation.

## IIC| E-SESSION ON NATIONAL INNOVATION AND STARTUP POLICY #4



Institution's Innovation Council of SKCET organized an E-Session on **National Innovation and Startup Policy (NISP)** for students and faculty in HEIs on 28.4.2020. The session was handled by **Mr. Dipan Sahu, National Coordinator - NISP, ARIIA and IIC**. Students and Faculty members of SKCET attended the E-session. Mr. Dipan Sahu elaborated on the Strategies & Governance for promoting Entrepreneurship, Incubation & pre-Incubation support Facilities, Nurturing Innovations and Start ups and Entrepreneurial Impact Assessment.

## IIC| E-SESSION ON NATIONAL INNOVATION AND STARTUP POLICY #4 : GLIMPSES



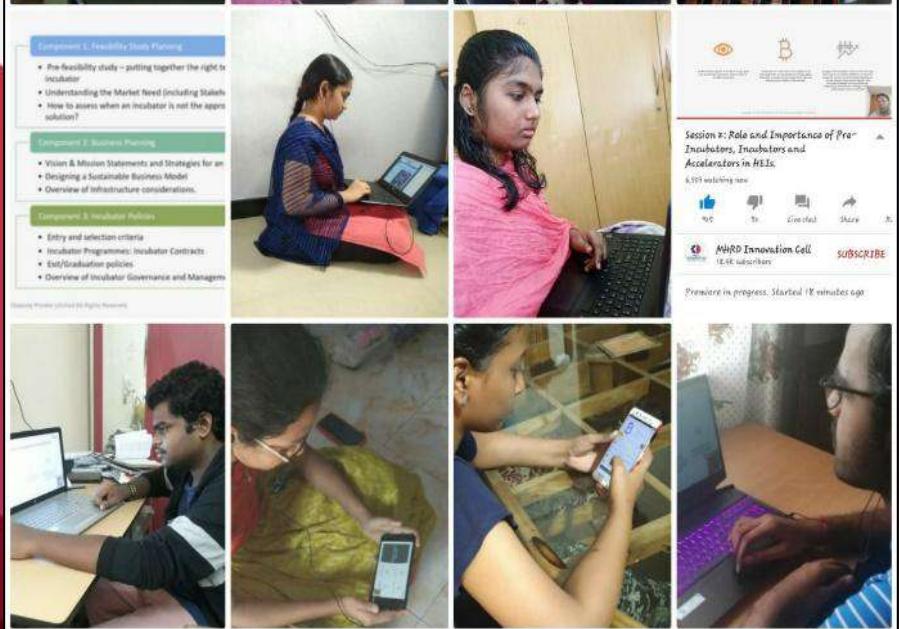
## IIC| E-SESSION ON ROLE AND IMPORTANCE OF INCUBATORS AND ACCELERATORS IN HEIs #5



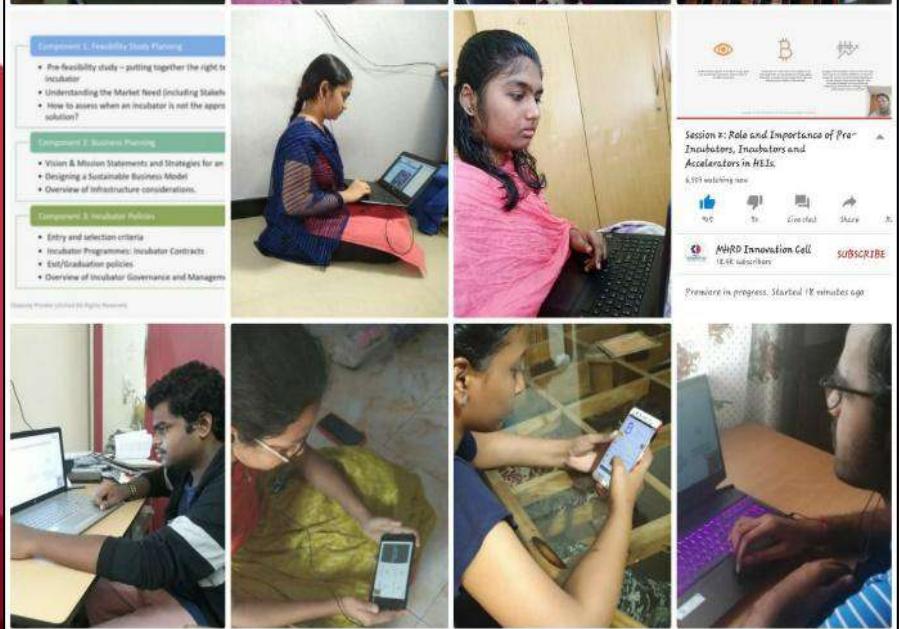
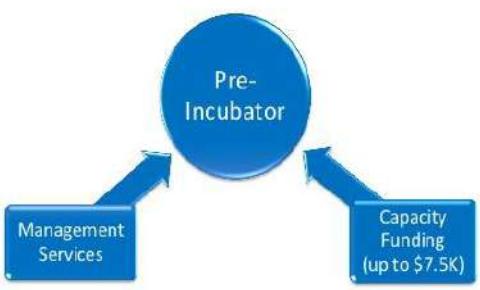
Institution's Innovation Council of SKCET organized an E-Session on “Role and Importance of Pre-Incubators, Incubators, and Accelerators in HEIs - Harnessing Innovation and Entrepreneurial Potential of Students and Faculties at Early Stage” on 29.04.2020.

Mr.Muthu Singaram, CEO, IIT Madras HTIC Incubator, MTI, Chennai/VibaZone was the resource person of the event. The session highlighted the importance and use of Incubators in College Institutions, design of the incubators and pre-incubators and mentoring and funding opportunities for the incubators.

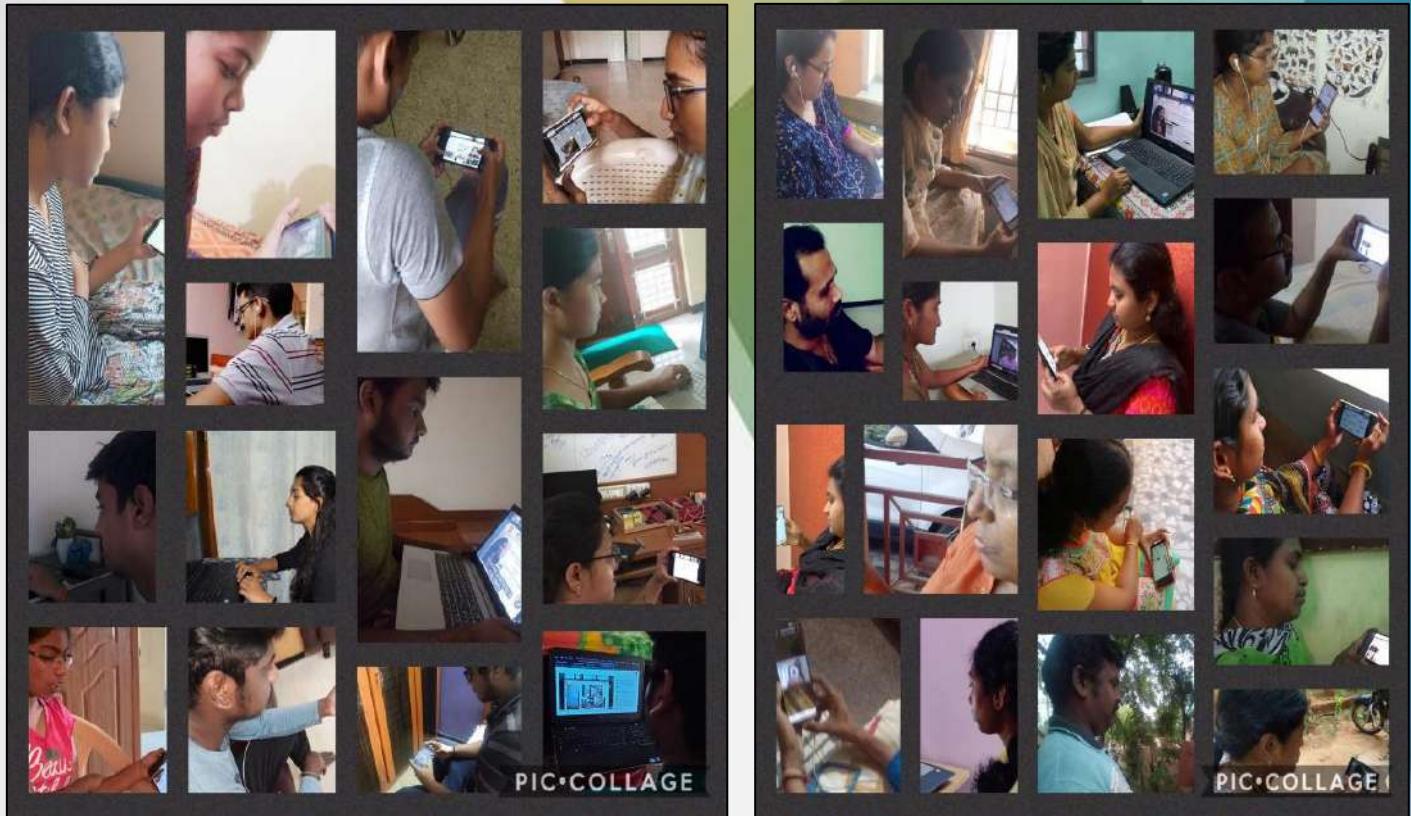
## IIC| E-SESSION ON INCUBATORS AND ACCELERATORS IN HEIs #5 : GLIMPSES



### Pre-Incubator Benefits



## IIC| E-SESSION ON HANGOUT WITH EMERGING INNOVATORS AND ENTREPRENEURS #6



Institution's Innovation Council of SKCET organized a webinar on "**Hangout with emerging innovators and entrepreneurs supported by MIC and AICTE**" on 30.04.2020. **Ms. Vandana Thakur**, Female Innovator cum Entrepreneur, Canada India Acceleration Program 2020, L M College Pharmacy and **Mr. Amit Sanjay Lokhende**, Innovator Cum Entrepreneur, India- South Korea Startup Exchange Program 2020, Institute of Chemical Technology, Mumbai were the resource persons of the session. The session highlighted the importance of student Entrepreneurship, difference between invention and innovation and analysing the product's sustainability in the market.

## IIC| E-SESSION ON HANGOUT WITH EMERGING INNOVATORS AND ENTREPRENEURS #6: GLIMPSES



MHRD  
 INSTITUTION'S  
INNOVATION  
COUNCIL  
(Ministry of HRD India)

## IIC Online Session

by  
**Ms. Vandana Thakur,**  
Female Innovator cum Entrepreneur, Canada  
India Acceleration Program 2020.

**Mr. Amit Sanjay Lokhande,**  
Innovator Cum Entrepreneur, India-South Korea  
Startup Exchange Program 2020.

**Topic:**  
Hangout with Emerging Innovator &  
Entrepreneurs Supported through  
MIC & AICTE.



PIC•COLLAGE

## TRENDING NOW: SKCET STATUS UPDATE

**SRI KRISHNA COLLEGE OF  
ENGINEERING AND TECHNOLOGY**  
(An Autonomous Institution, Affiliated to Anna University Chennai)  
Accredited by NAAC with 'A' grade & NBA  
Kuniamuthur, Coimbatore

PERFECTION THROUGH PERFORMANCE  
2018

### STAY SAFE WITH THE **5M'S**

### REDUCE YOUR RISK OF **COVID-19** INFECTION

**M- MANAGE YOUR HEALTH**  
By eating right

**M- MAINTAIN CLEANLINESS**  
With good personal hygiene and regular hand wash

**M- MINIMIZE CONTACT**  
By social distancing

**M- MASK UP**  
To prevent the spread

**M- MONITOR YOUR HEALTH**  
To keep a watch on symptoms

**FIGHTING COVID.... THE SKCET WAY**

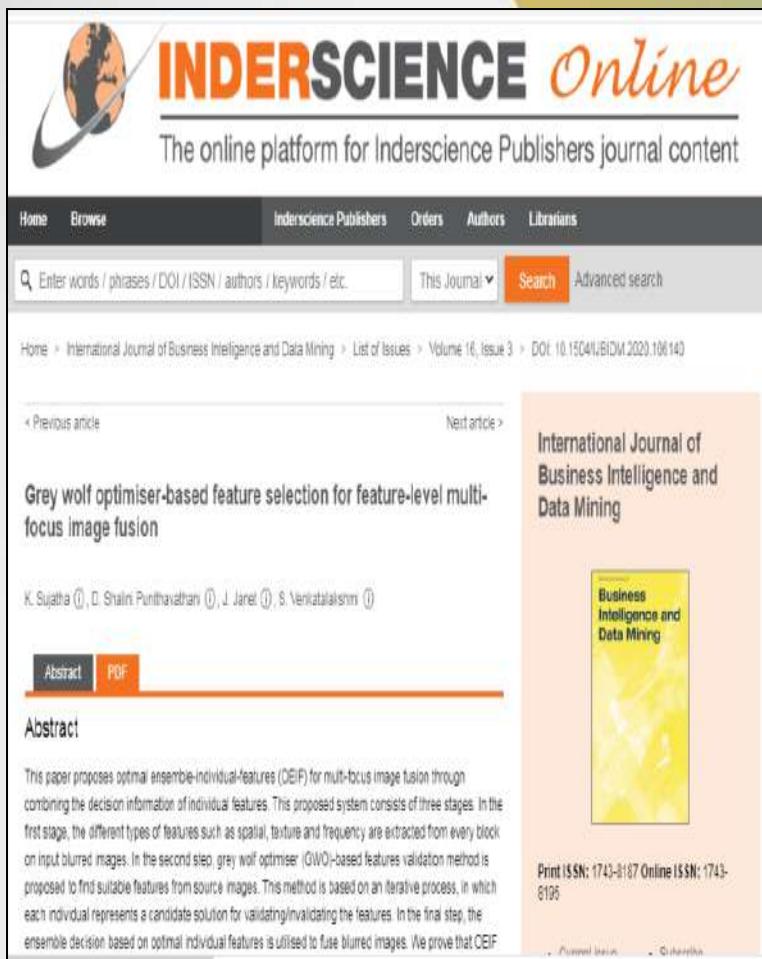


## RESEARCH & DEVELOPMENT

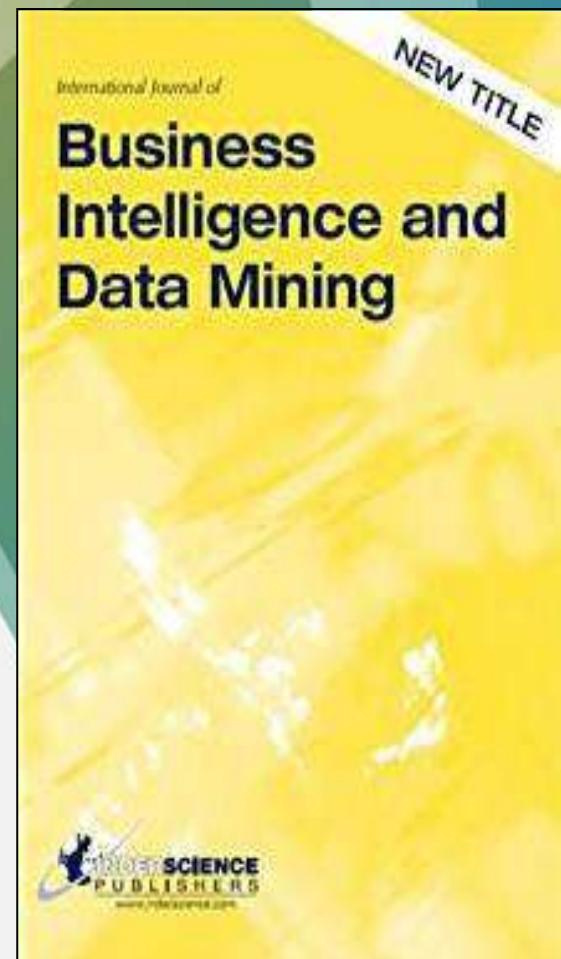


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## R&D | JOURNAL PUBLICATION - CSE



The screenshot shows the Inderscience Online platform. At the top, there's a logo with a globe and the text "INDERSCIENCE Online". Below it, a sub-header reads "The online platform for Inderscience Publishers journal content". A navigation bar includes links for "Home", "Browse", "Inderscience Publishers", "Orders", "Authors", and "Librarians". A search bar has fields for "Enter words / phrases / DOI / ISSN / authors / keywords / etc.", "This Journal", "Search", and "Advanced search". The main content area shows a journal article titled "Grey wolf optimiser-based feature selection for feature-level multi-focus image fusion" by K. Sujatha, D. Shaini Puthavathai, J. Jani, and S. Venkatalakshmi. It includes abstract, PDF, and citation links. To the right, there's a thumbnail of the journal cover and information about the journal: "International Journal of Business Intelligence and Data Mining" and "Print ISSN: 1743-8187 Online ISSN: 1743-8195".



Publication



**Principal Madam** has published an article titled "**Grey Wolf optimiser-based feature selection for feature-level multi-focus image fusion**" in International Journal of Business Intelligence and Data Mining (IJBIDM), Vol.16, No.3, 2020 which is indexed in Scopus database.

## R&D | JOURNAL PUBLICATION - CSE

**TEST**  
ENGINEERING & MANAGEMENT

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### Smart Farming Using Iot and Cloud

S. Suresh Kumar, Dr. J. Janet, L. Sathyasubha , S. Shalini, S. Vandhana Jayashree  
*S.SureshKumar,Assistant Professor ,Department Of Computer Science and Engineering,Sri Krishna College Of Engineering And Technology,Coimbatore,India.,E-mail:ssureshkumar@skcet.ac.in.*

*Dr.J.Janet,Professor, Department Of Computer Science and Engineering,Sri Krishna College Of Engineering And Technology,Coimbatore,India.,E-mail:jjanet@skcet.ac.in.*

*L.Sathyasubha,currently pursuing Graduate Degree Program in Computer Science And Engineering, Sri Krishna College Of Engineering And Technology,Coimbatore,India.,E-mail: 16eucs149@skcet.ac.in.*

*S.Vandhana Jayashree, currently pursuing Graduate Degree Program in Computer Science And Engineering, Sri Krishna College Of Engineering And Technology,Coimbatore,India.,E-mail: 16eucs172@skcet.ac.in.*

*S.Shalini, currently pursuing Graduate Degree Program in Computer Science And Engineering, Sri Krishna College Of Engineering And Technology,Coimbatore,India., E-mail: 16eucs151@skcet.ac.in.*

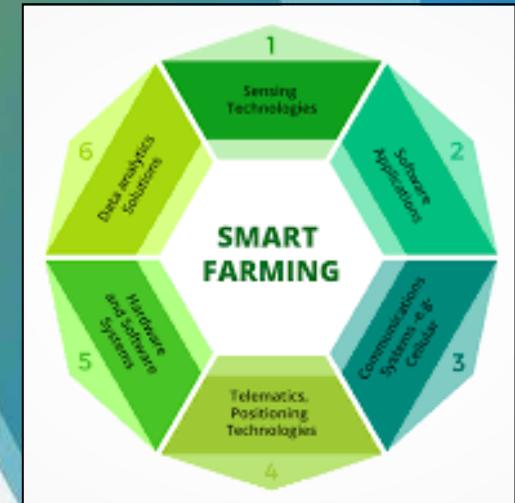
**Article Info**  
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**Abstract**  
Precision Agriculture, as an integration of Internet Of Things and Cloud for communication and control of agricultural technology is growing now a days. Agricultural productivity has been reduced in these days due to scarcity of water, less availability of workers by using IoT and cloud we can alert the farmers to water the crop when needed and save water by preventing wasting of crops when it is not actually needed. The proposed system consists of monitoring the temperature, moisture, pH level, humidity by placing sensors at three different areas in particular acres which will help to take more accurate decisions by taking average results from these sensors. This will increase productivity and also saves water.

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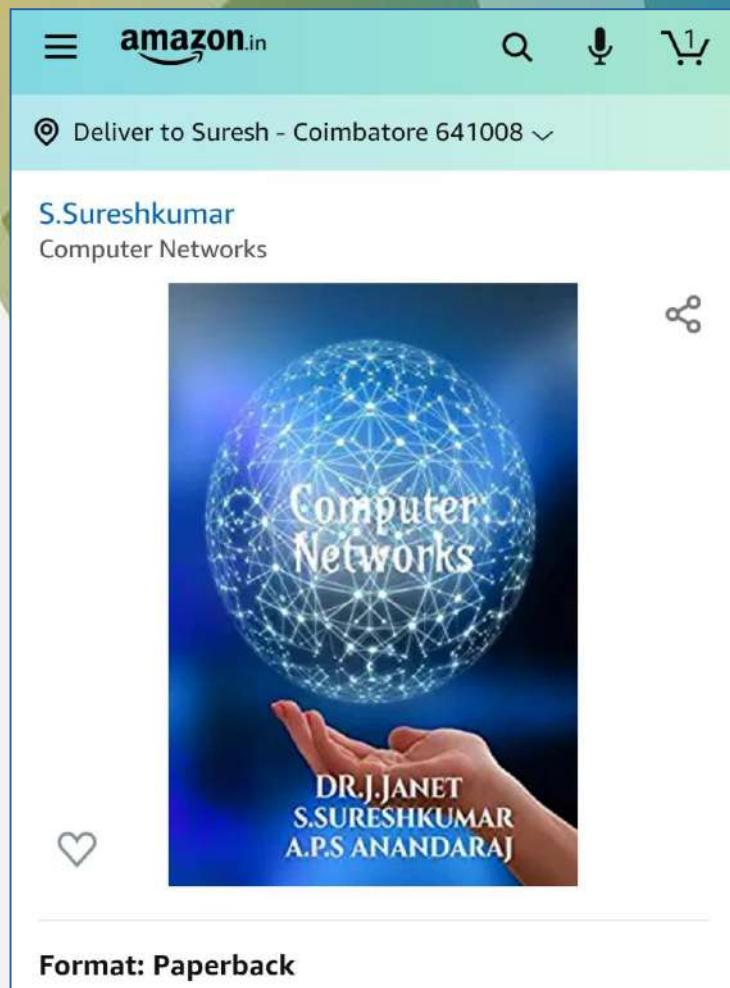
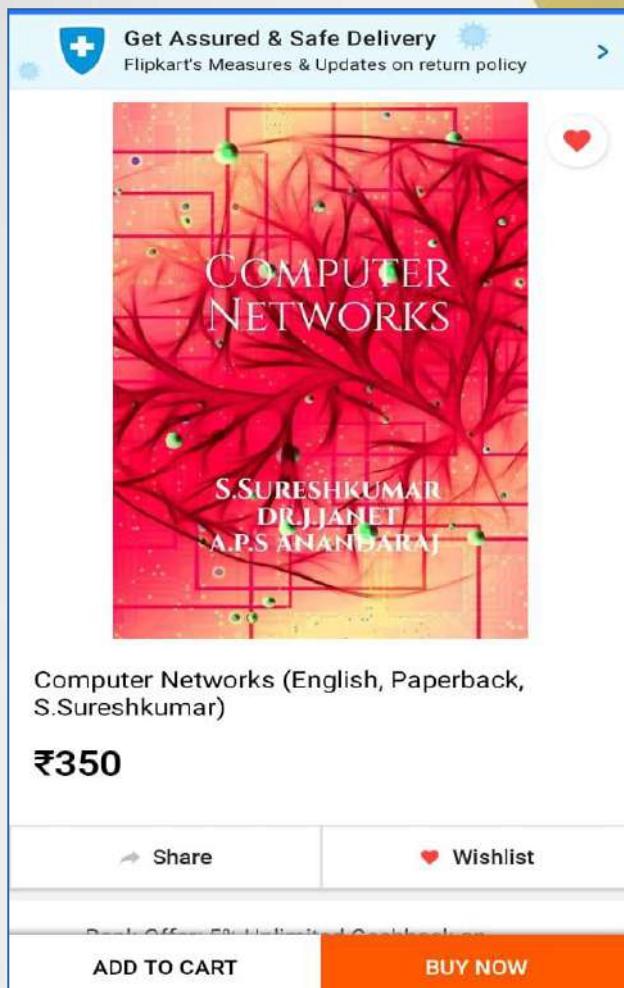
**Index Terms** : Arduino, NodeMCU, PumpingMotor, TemperatureSensor,levelSensor,MoistureSensor,HumiditySensor,PhSensor,Zigbee,GSM

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**Principal Madam along with Mr.S.Sureshkumar, Assistant Professor, CSE and Final year students from CSE C - I. Sathyasubha, S.Shalini and N.Vandhana Jeyashree has published a paper titled "Smart Farming using IoT and Cloud", in Test Engineering and Management with the ISSN:0193-4120, Vol.83, Pp.13506-13513, March-April 2020. It is a Scopus indexed journal.**

## R&D | AMAZON BOOK LINK - CSE



CSE Department feels elated to share that the book "**Computer Networks**" published by **Principal Madam** along with **Mr.S.Suresh Kumar, AP,CSE** in Xpress Publications is now available online in **AMAZON books store and Flip kart**. The book gives a deep insight of advanced networking concepts and algorithms useful for Network Learners and Practitioners. Grab your copy now!!!

The link is as below:

[https://www.amazon.in/dp/1647603234?ref=myi\\_title\\_dp](https://www.amazon.in/dp/1647603234?ref=myi_title_dp)

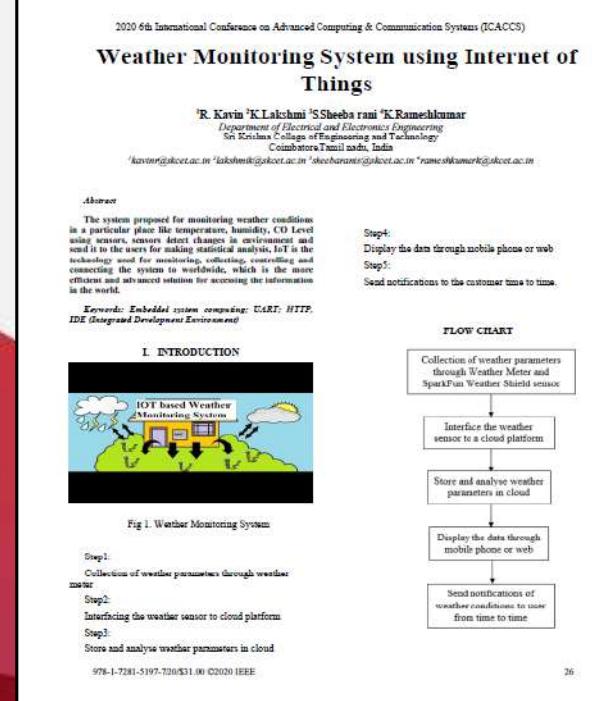
## R&D| JOURNAL PUBLICATION- EEE



**Dr.V.Gomathy, Associate Professor, EEE has published a paper entitled “ Non integer order PID controller tuning using grey wolf optimization method for Sea Water Reverse Osmosis Desalination process ” in International Journal of Control and Automation, Vol. 13, No. 2s, Pp. 282-291, March 2020. It is a Scopus indexed journal.**

## R&D| JOURNAL PUBLICATION- EEE

Faculty members from department of EEE Mr.R.Kavin, Dr.S.Sheeba Rani and Mr.K.Ramesh Kumar have published a journal article on ‘Weather Monitoring System using Internet of Things’ in International Conference on Advanced Computing & Communication Systems (ICACCS)-IEEE conference proceedings,pp.26-29, 2020. It is a Scopus indexed journal.



# ECE | JOURNAL PUBLICATION

The post - conference presentation of III ECE B students - Ram kumar S, Kaviarasu S, Kingson Kumar M, Saran K, Karthikeyan J along with Mr.Satheesh Kumar S, Assistant Professor, ECE, titled "**Self Operating paint Bot**" has been published in the "**Proceedings of IEEE International Conference on Devices, Circuits and Systems (ICDCS)**" organised by Karunya University, Coimbatore. The team had received the 'Best paper award' for their presentation and is also indexed in Scopus Database.

# R&D| JOURNAL PUBLICATION- EEE

2019 6<sup>th</sup> International Conference on Advanced Computer & Communication Systems (ACCOS)

# Renewable Energy Based on Energy Conservation and Crossover System

T.Kesavam<sup>1</sup>, S.Sheehanam<sup>2</sup>, V.Gomathy<sup>3</sup>, R.Kavita<sup>4</sup> and S.Sarangapani<sup>5</sup>

<sup>1,2,3,4</sup>Asst. Prof., Department of Electrical and Electronics Engineering  
<sup>5</sup>Asst. Professor, Department of Electrical and Electronics Engineering  
 Sri Krishna College of Engineering and Technology  
 Coimbatore, Tamilnadu, India

<sup>1</sup> tkesavam1@gmail.com, <sup>2</sup>sheehanam@skct.ac.in, <sup>3</sup>gomathy@skct.ac.in, <sup>4</sup>kavita@skct.ac.in  
<sup>5</sup> sarangapani@skct.ac.in

**Abstract—** Electricity plays a vital role in daily life as a replacement of basic facilities. The energy from conventional source plays its maximum efficiency of electricity for the betterment of society. The world's energy consumption is more than 30% in India, so we shall explore some sources which do not cause environmental pollutions will be the best alternative way to generate electricity. The main aim of this paper is to generate electricity from non-conventional energy sources which mainly used to increase the energy efficiency. As per 2018 data, it can be observed that the total energy consumption in India is 12.5% due to the increase in the use of non-conventional energy sources. Therefore, the research committee has decided to introduce hydroelectric and tidal energy sources and grid power system. Hydroelectric and tidal energy sources are the most reliable and renewable energy sources. The hydroelectric power is produced by hydropower and is converted to AC form by AC generator. The installation of grid in real environment is a difficult task. The main aim of this paper is to generate electricity from non-conventional energy sources. In India, the total 20% of renewable energy is being used in India. It is our primary duty to conserve every single unit.

**Keywords—**Solar Energy; Wind Energy; Hydropower energy and EES

## I. INTRODUCTION

Electricity plays a vital role in our day to day life. The usage of energy resources is being heavily reduced while knowing the availability of energy. It is necessary to have a good knowledge about the usage of energy. According to 2018 data, the total energy consumption in India is 12.5% of total energy consumption in the world [1]. A 4 decade ago paper given a broad technique for "Energy Conservation" by Gomathy System based on renewable energy [2]. In India, the total energy consumption is increasing at 3.5% per year. The total energy generation in India is 12.5% in 2018. The total population is 127.75%. As of 2018 data of Renewable Energy has a reuse of 35.6% of time. This paper gives an idea to reduce the energy consumption in India. The main aim of this paper is to generate electricity from non-conventional energy resources. It is very much complicated to grid and install in remote areas or tribal areas [3]. The crossover system will give enhanced energy for industrial household. The system is used to generate

power, savings purpose, and reduction in global warming.

## II. METHODOLOGY

In this paper, we discuss on energy saving and conservation system in wind and solar ways and for household system, application purpose, human water and solar panel. For example, the use of DC UPS, Converter Transformer, Diode Bridge, and Induction motor. The solar panel which is 500 W can be replaced by LED (Light Emitting Diode). This is because it gives high response to 90% approximate energy and they are five times UV free, and it has a longer working life. The total energy consumption in India is 12.5% of total energy consumption in the world [1]. The total population is 127.75%. As of 2018 data of Renewable Energy has a reuse of 35.6% of time.

A. Grid and Non-grid system

At a regional level, the power which can be generated in remote areas, such as grid and grid less solar energy as an average gives 5 to 10% UPS for day depending on the region. It has a portable power unit on cloudy days and it does the conversion and transmission of power.

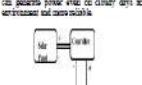


Fig. 1. Architecture of Solar Energy

The scope of solar energy in India is tremendous as it is in its rising stages [4]. The main aim of this chapter is to compare for now the total energy generation in India the power is about 1,700,000,000 KWh of power.

Faculty members from department of EEE-  
**Mr.T.Kesavan,**           **Dr.S.Sheeba**           **Rani,**  
**Dr.V.Gomathy,**           **Mr.R.Kavin**           and  
**Mrs.S.Sivarajani** have published paper on  
**'Renewable Energy Based on Energy**  
**Conservation and Crossover System'** in 6th  
International Conference on Advanced Computing  
& Communication Systems (ICACCS), IEEE  
conference proceedings, Pp155-157, 2020 which is  
indexed in Scopus.



## STUDENT CERTIFICATIONS



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## IT | COURSERA MOOCC CERTIFICATIONS



The following students of II IT C have successfully completed the courses offered by University of Michigan through Coursera.

S.NO	STUDENT NAME	COURSE TITLE	CERTIFYING AGENCY
1	Venkatesh M	Python Data Structures	Coursera
2	Venkatesh M	Programming for Everybody(Getting Started with Python)	Coursera
3	Janani CB	Programming for Everybody(Getting Started with Python)	Coursera

## CSE | GDG CLOUD COIMBATORE - ONLINE COURSE



**Naveen Kumar B**, student of **II CSE C(TCS)** has attended the session on, "**Learn Serverless – Google Cloud Functions**", organized and conducted by GDG Cloud, Coimbatore on 26.04.2020.

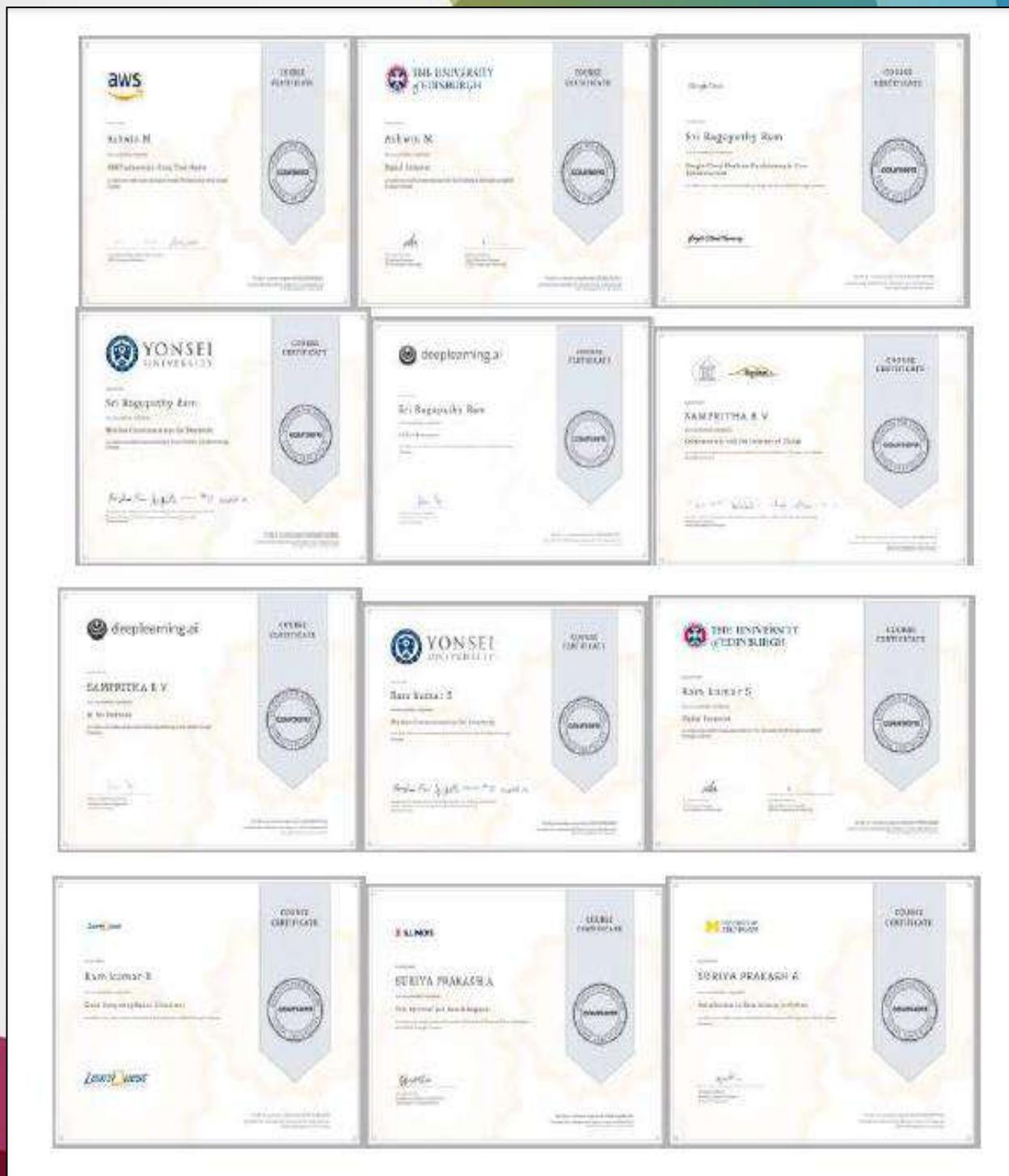
## CSE | UDEMY CERTIFICATION



**Ajaay Krishna P**, student of **II CSE A** has successfully completed **Python 3.7 Beginners Bootcamp 2020** and **Learn Java Programming from Scratch, Beginner to Expert** offered through **Udemy**.

## ECE | COUSERA CERTIFICATIONS

Students from ECE department utilised e-learning as a boon to completed MOOCs by Coursera during this lockdown.

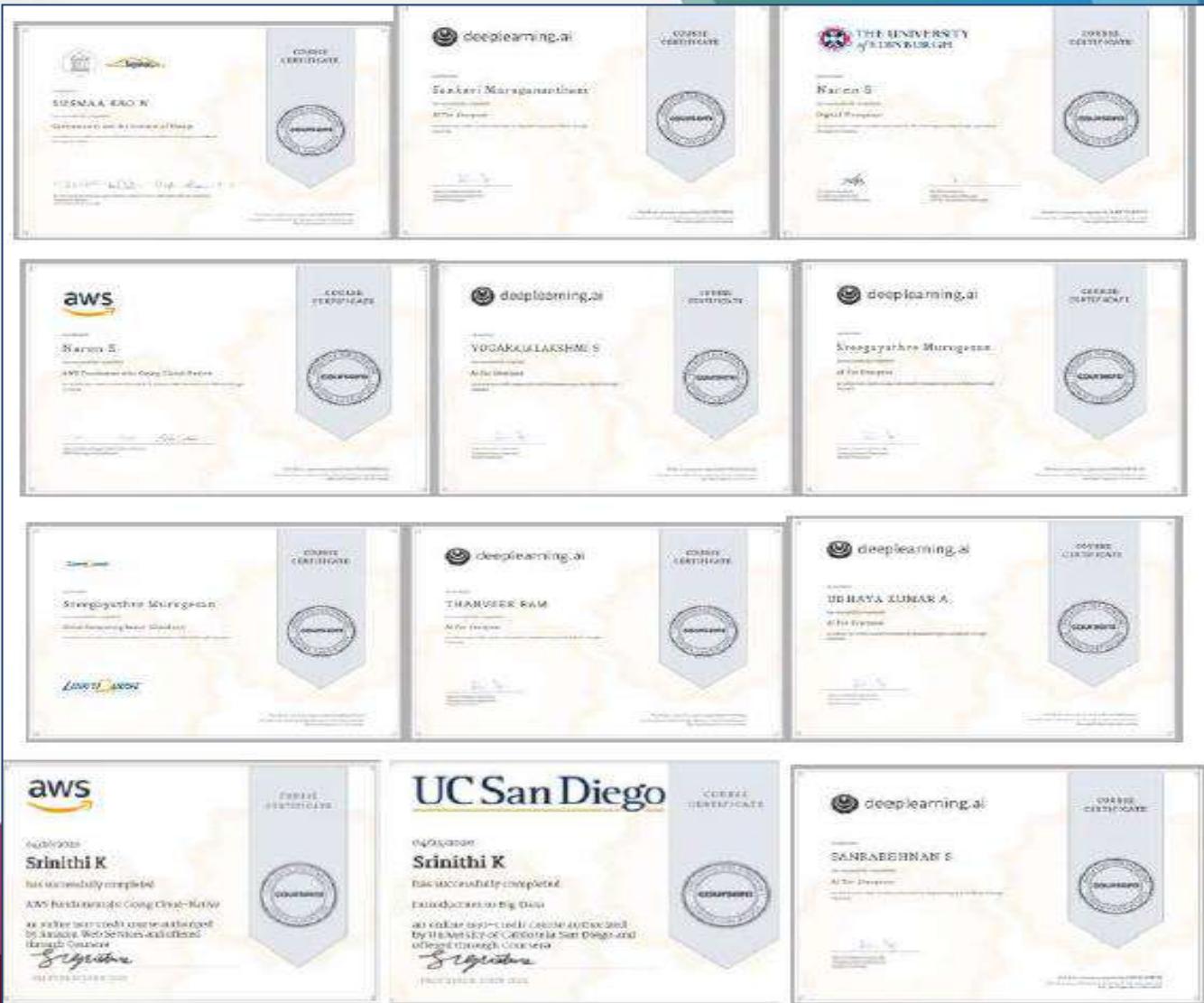


## ECE | COUSERA CERTIFICATIONS

S.NO	STUDENT NAME	NAME OF THE COURSE	CERTIFICATION AGENCY
1.	Ashwin M	AWS Fundamental using : Going Cloud Native	AWS
2.	Srinithi K	AWS Fundamental using : Going Cloud Native	AWS
3.	Ashwin M	Digital Footprint	The University of Edinburg
4.	Sri Ragupathy Ram	Google cloud platform Fundamental: Core Infrastructure	Google Cloud
5.	Ramkumar S	Wireless Communication for Everybody	Yonsei University
6.	Sri Ragupathy Ram	Wireless Communication for Everybody	Yonsei University
7.	Ramkumar S	Digital Footprint	The University of Edinburg
8.	Sampritha R V	Cyber Security and Internet of Things	Kennasaw State University
9.	Ramkumar S	Cloud Computing Basic	Learn Quest
10.	Surya Prakash A	Text retrieval and search engine	Illinois
11.	Surya Prakash A	Introduction to Data Science in Python	University of Michigan
12.	Susmaa Rao N	Cyber Security and Internet of Things	Kennasaw State University
13.	Naren S	Digital Footprint	The University of Edinburg
14.	Naren S	Google cloud platform Fundamental: Core Infrastructure	Google Cloud
15.	Sreegayathre M	Cloud Computing Basic	Learn Quest
16.	Srinithi K	Introduction to Big Data	UC SanDiego

## ECE | DEEP LEARNING ONLINE CERTIFICATIONS

S.NO	STUDENT NAME	NAME OF THE COURSE	CERTIFICATION AGENCY
1	Sampritha R V	AI for Everyone	Deeplearning.ai
2	Sri Ragupathy Ram	AI for Everyone	Deeplearning.ai
3	Sankavi M	AI for Everyone	Deeplearning.ai
4	Yogarajalakshmi S	AI for Everyone	Deeplearning.ai
5	Sreegayathre M	AI for Everyone	Deeplearning.ai
6	Thanveer Ram	AI for Everyone	Deeplearning.ai
7	Udaya Kumar	AI for Everyone	Deeplearning.ai



## CSE | COURSERA MOOC



Ajaay Krishna P student of II CSE A has successfully completed **Introduction to AI** and **Python for Data Science and AI** an online non-credit course authorized by **IBM** and offered through **Coursera**.

## CSBS| SOLEARN



Siva Shankar R from II CSE C (TCS) has successfully completed the “Python 3 Tutorial Course” certified by SOLEARN on 29.04.2020.

## CIVIL | ELSEVIER CERTIFICATIONS BY STUDENTS



S.NO	STUDENT NAMES	TITLE	CERTIFYING AGENCY
1.	K Kirupasankar	How to Manage and Publish your Research Data	
2.	Nandha Kumar M	How to Write for an Interdisciplinary Audience	
3.	Yamini S.P	10 Reasons to get an Use –An Orcid id	Elsevier Research Academy
4.	Shanmuga Priya S	Guide to Reference Managers: How To Effectively Manage Your References	

## S&H| COURSERA CERTIFICATION



**Tharun. M**, student of **First year CSBS** has completed **Programming for Everybody (Getting Started with Python)** an online non-credit course authorized by University of Michigan offered through Coursera.

## EEE | TATA STEEL CERTIFICATION



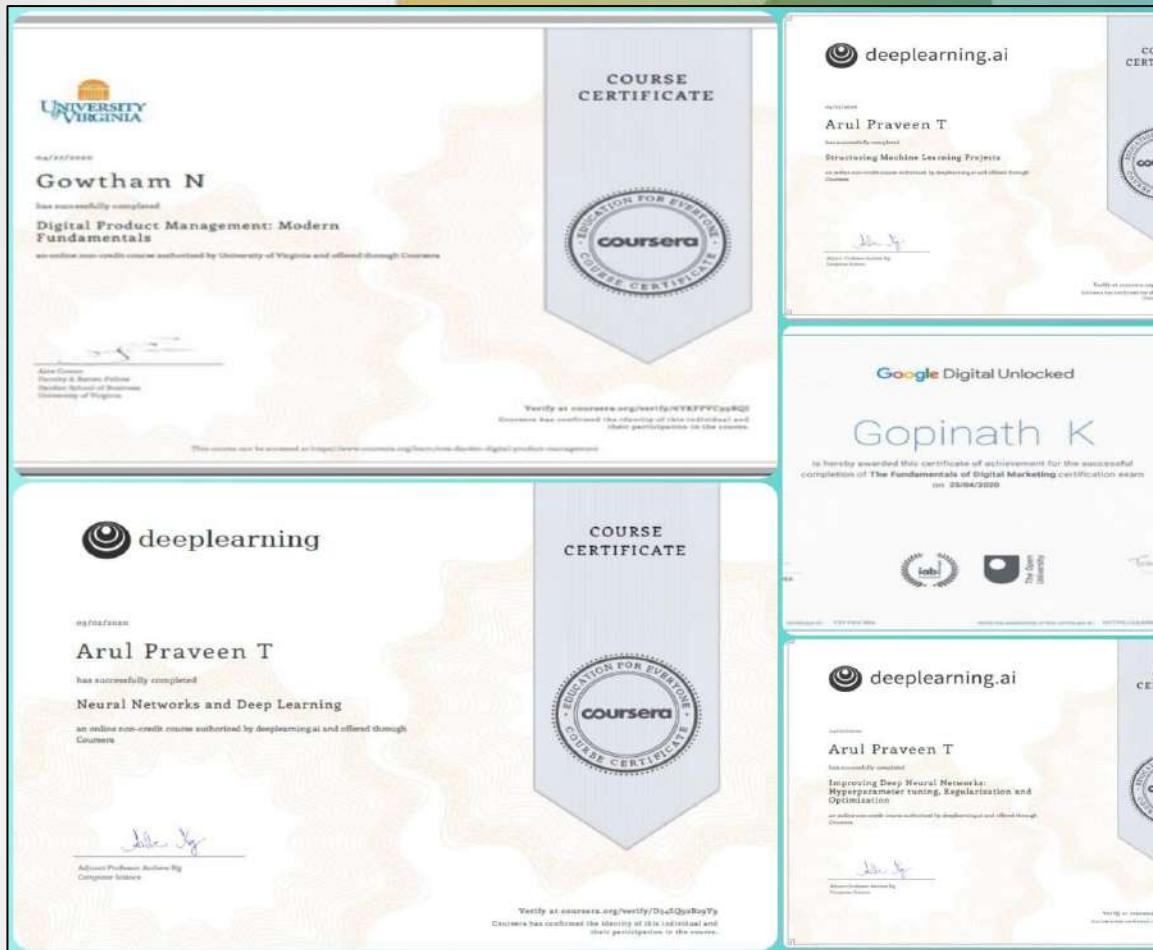
**P. Krishna Prakash**, II year EEE student has completed Tata Steel E-learning Online Course on PLCs.

## CIVIL | STUDENT MOOC CERTIFICATIONS



S.No	Student Names	Title	Certification
1.	Kowshika G	Sustainable Cities	Edx Platform
2.	Aadhis B K	Additive Manufacturing for Business	LinkedIn e-learning
3.	Kowshika G	The Sustainable Development Goals – A Global, Transdisciplinary Vision for the Future	Coursera

## MCT | STUDENT MOOC CERTIFICATIONS



S.NO	STUDENT NAME	COURSE TITLE	CERTIFICATION
1.	D.Bhoopesh III year	Autodesk fusion 360 Integrated CAD/CAM/CAE and 3D Model Creation with Autodesk Fusion 360	Coursera- Autodesk
2.	Anirudh Varadarajan III year	Six Sigma Principles and Crash Course on Python	Coursera- Kennesaw University
3.	T.Arul Praveen III <sup>rd</sup> year	Structuring Machine Learning Projects, Neural Networks & Deep Learning and Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization	Coursera- deeplearning.ai

## MCT | STUDENT AUTODESK CERTIFICATIONS

S.NO	STUDENT NAME	COURSE TITLE	CERTIFICATION
1	K.Gopinath IIyear	The Fundamentals of Digital Marketing	Google
2	N. Gowtham II year	Digital Product Management: Modern Fundamentals	Coursera-University of Virginia



## EEE | STUDENT COURSERA CERTIFICATION



J. Krishna, II year EEE student has attended four weeks Coursera Online Course on **Electric Power System**.

## SOM | 360 DIGI TMG CERTIFICATION

Meganathan D, First year MBA student, has successfully completed the workshop on **Data Science Foundation using R** offered by 360 Digi TMG, India.



## SOM | ALISON CERTIFICATION

This is to certify that the management of Alison has decided to award PRAVEEN BALAJI E living in India the certificate of completion in Advertising Your Business Online.

Learner Details:

	Name: PRAVEEN BALAJI E
E-mail: 19ejmb073@skcet.ac.in	
Country: India	

Course and Result:

Advertising Your Business Online

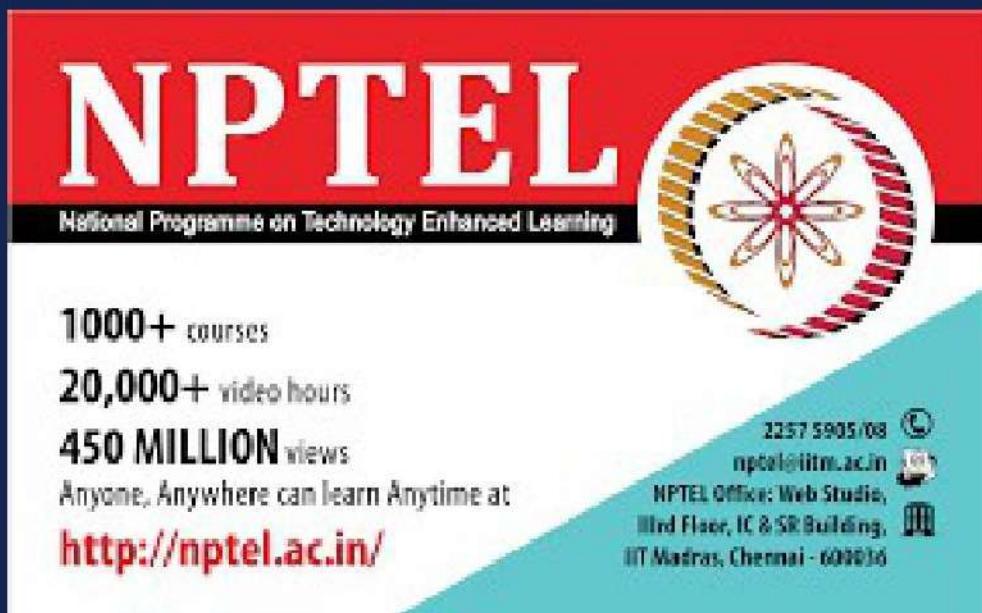
An online advertisement can promote a business and reach a wide audience effectively while spending far less than with traditional advertising approaches. This course will introduce you to the process of social advertising and its objectives. You will learn about the different rules to follow for a successful social advertising campaign as well as take a look at the different social advertising platforms and the types of advertising they offer.

Score: 92%  
Study Time: 1:57:00

Praveen Balaji E, First year MBA student, has successfully completed online course on **Advertising your Business Online** offered by Alison.



## NPTEL SPECIAL LECTURES



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## CSE | NPTEL SPECIAL LECTURES



Faculty Members from the Department of **CSE** attended the **NPTEL online special lectures series from 24.04.2020 to 29.04.2020** on the following topics: Application Development & Maintenance Services, Lies, damn lies and statistics: lessons on consuming and interpreting data, Technology Transforming Medicine and Data, Analytics and AI - Hot, Hotter, Hottest.

## EEE | NPTEL LECTURE SERIES



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

- '**Lies, Damn Lies and Statistics: Lessons on Consuming and Interpreting Data**' by Dr.Natarajan Gautam,Professor, Texas A&M University, USA- 25.04.2020.
- '**Civil Service as a Career**' by Ms.Yogitha Karthik, Controller of Defence Accounts, Regional Training Centre (Southern Region)- 26.04.2020.
- '**Bharati Script**' by Dr.V. Srinivasa Chakravarthy, Professor, IIT Madras- 27.04.2020.
- '**What Companies Expect while Hiring a Candidate?**' by Mr. Sajjad Ahmed, Director- HR,Talent Management Team, Capgemini-28.04.2020.
- '**Data Analytics and AI - Hot, Hotter, Hottest**' by Mr. Santosh Mahendiran, Managing Director, Standard Chartered Bank, Singapore-29.04.2020.

## SOM | NPTEL SPECIAL LECTURE SERIES



Mr.J.Prabhakaran, has attended the NPTEL special Lecture Series on Science and Technology in cricket, Role of AI and Machine Learning, and Technology Transforming Medicine dated on 26.04.2020.

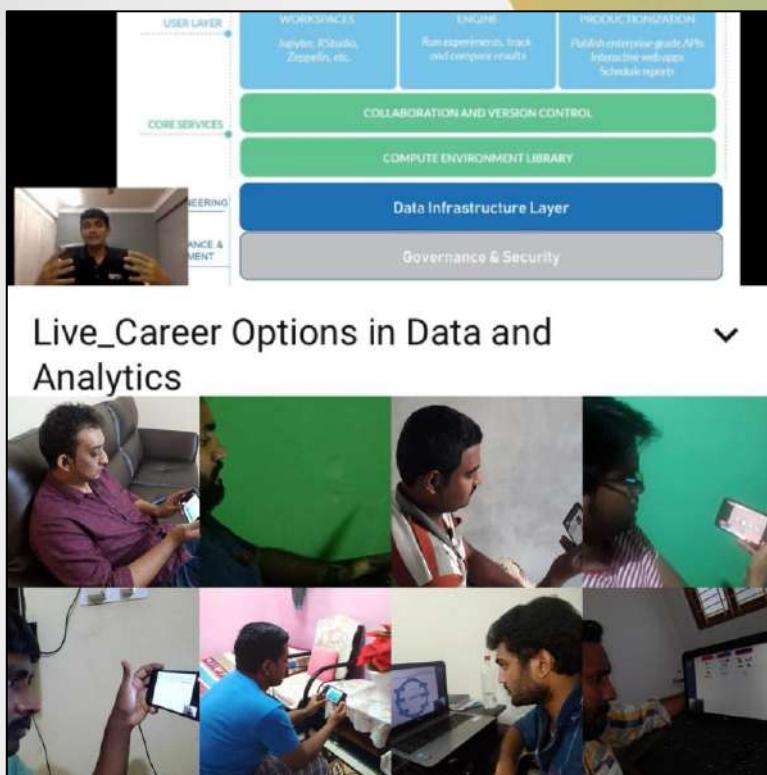


- Massive Machine Type Communication
- Enhanced mobile broadband
- Ultra low latency



Mr.Prabhakaran J, Assistant Professor, School of Management has attended the NPTEL Special Lecture series on “Science and Technology in Cricket”, “Role of AI and Machine Learning”, and “Technology Transforming Medicine” on 26.04.2020.

## MECH | NPTEL LECTURE ON CAREERS IN DATA AND ANALYTICS



Faculty Members from the Department of Mechanical Engineering attended the NPTEL online special lectures series on the topic "**Career Option in Data and Analytics**" on 30.04.2020. **Mr. Santosh Mahendiran**, Managing Director, Standard Chartered Bank, Singapore was the resource person of the session. The session enlightened the faculty members on how data will play a crucial role in future and also coding skills to be developed by all for future employment opportunities.

## IT | NPTEL LECTURE ON CAREER OPTIONS IN DATA AND ANALYTICS



Faculty Members from the Department of IT attended the NPTEL online special lectures series on the topic "**Career Options in Data Analytics**" on 30.04.2020. Resource Person: **Prof. Mr.Santhosh Mahendiran**, Managing Director, Standard Chartered Bank, Singapore. The session highlighted the major career paths in data, AI, Analytics and Data Governance Framework.

## CSE | NPTEL LECTURE ON CAREER OPTIONS IN DATA AND ANALYTICS



Faculty Members from the Department of CSE attended the NPTEL online special lectures series on the topic "**Career Options in Data and Analytics**" by **Mr. Santosh Mahendiran**, Managing Director, Standard Chartered Bank, Singapore on 30.04.2020.

**Key deliberations:** Major career paths in Data, AI, Analytics, Data Engineering- Data Pipeline, Speed of Adoption of new technologies, Business Intelligence Vs Data Science and Data start ups.

## EEE | NPTEL LECTURE ON CAREER OPTIONS IN DATA AND ANALYTICS



Students of EEE department attended NPTEL special lecture series via YouTube Live stream on the topic '**Career options in Data and Analytics**' by **Mr. Santosh Mahendiran**, Managing Director, Standard Chartered Bank, Singapore on 30.04.2020.

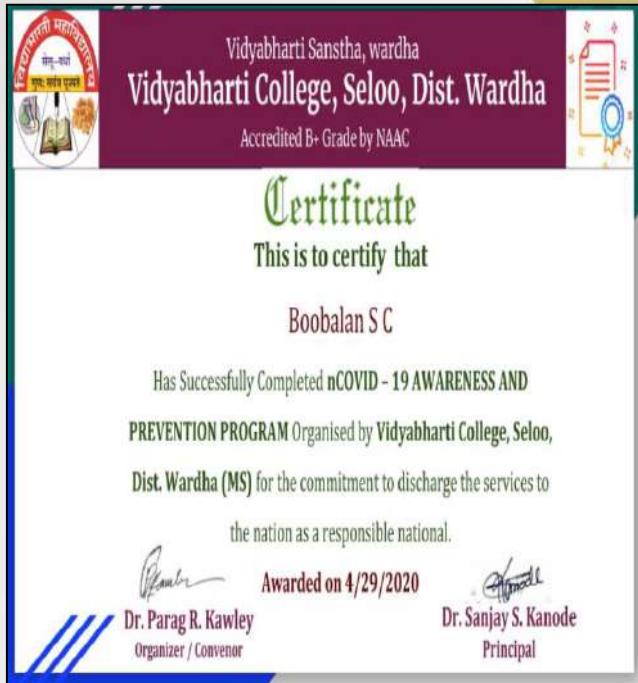


## MYGOV PLEDGES



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## CIVIL | MYGOV AWARENESS PROGRAM



**Mr.S.C.Boobalan**, Assistant Professor, Department of **Civil Engineering** actively participated in **Covid19 Awareness and prevention program** organized by Vidyabharti College, Seloo, Dist. Wardha (MS) for the commitment to discharge dedicated services to the Nation.

## CIVIL | IPR QUIZ

**Mr.V.Yogeshwaran**, Assistant Professor, Department of Civil Engineering had participated in Online Quiz on “**Intellectual Property Rights**” organized by Center of IPR in association with KPRIET Institution Innovation Council on 26.04.2020.



## ECE | MYGOV PLEDGES



Faculty members from the Department of ECE actively administered Covid19 MyGov pledge and received their certificates of commitment.

## EEE | MYGOV QUIZ



Mr.R.Kavin, Assistant Professor, EEE actively participated in Intellectual Property Rights Quiz and Covid 19 pandemic general awareness quiz conducted by IIC,School of Allied Health Sciences, VMRF-DU, Salem and School of science of Sandip University, Nasik.



# CRAFT\_A\_CAPTION RESULTS



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## CRAFT\_A\_CAPTION CONTEST: BEST ENTRIES



### NANDHAKUMAR B, II CSE B

- "If ants could build with hope, why can't we?"

### VARSHINI G, II ECE C

- "Synergies cleft the mission, wire the inherent skills and amplify the rate of triumph; Standalones' persist to be spectators of the triumphant".
- Switch from 'I' to 'We'; 'Ill-being' will be transformed to 'Well-being'.

### NIVETHINI G S, I CSBS

- "Together with distancing, we are building our house to stay safe and combat Corona- that's Faith"
- "If ants are able to achieve their goals with social distancing- Why can't we?"

### SRI DHANUSH, III ECE

- "A successful team beats with one heart."
- "Some seek someone to build their future, some build their own."

## CRAFT\_A\_CAPTION CONTEST: BEST ENTRIES

### THARANI P, III ECE

- “Home- the best place ever!”

### SAI MOUNIK A, I B TECH- IT

- “Team work of ants leads to stealing of sticks”

### JAYADEEP J, I MCT

- “Success isn't always easy.”

### SUBARNAVISHALLI S, I IT

- “The sky is blue,  
come on don't be slow,  
the sticks are so heavy oh,  
so what, go continue!”



### DHARSHINI R, II MCT A

- “Leaders know to get the work”
- “Home is where heart is.”

### VIJAYALAKSHMI A, I IT

- “We are not humans to stay idle in this quarantine.”

### THEOPHILA VAIZ R, II CSE B

- “Hard Team work + Smart work together can bring great success.”
- “In Teamwork ,we divide the work but multiply the Success.”

### RETHEEKA D, I IT

- “Even ants want to stay home due to COVID-19.”

## CRAFT\_A\_CAPTION CONTEST: BEST ENTRIES

### Dr. R,SURAJ, A/P, S&H

- "Indefatigable workers reach Heights"

### DR.G.IGNISHA RAJATHI, A/P, S&H

- "Go to the ant, O sluggard; consider her ways, and be wise - UNITY IS STRENGTH"

### Ms.MAJIDHA FATHIMA K M. A/P, CSE

- "Strenuous manoeuvre in convoy usher coups"  
(Great effort in groups showers unexpected victory)

### Ms.BIRUNTHA S, A/P, CSE

- "The strength of the team is each member. The strength of each member is team"
- "Team work divides the task and multiplies the success"
- "Nothing is impossible"

### Ms.KEERTHIKA V, A/P, S&H

- "Together we can build our Nation"



### DR.B.MARUTHI SHANKAR, ASP, ECE

- "Sometimes, who has to pull and who has to push is defined. If reversed, the mission will be collapsed."

### Ms.ANANTHI K, A/P, MCT

- "Team work never fails"

### Ms.REVATHY P, A/P, S&H

- "Being an ant, I never say can't. So, think what you want"

## TRENDING NOW: SKCET STATUS UPDATE



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### நவீன கொரோனா ஆத்திச்சுடி

- அ** - அருகருகே அமராதே
- ஆ** - ஆர்வமுடன் சுற்றாதே
- இ** - இன்றியமையாதது முகக்கவசம்
- ஈ** - ஈடற்றது கைக்கவசம்
- உ** - உடனுக்குடன் கைகழுவு
- ள** - ஊரடங்கு பேண்
- எ** - எட்டியே நில்
- ஏ** - ஏற்றங்காண தனித்திரு
- ஐ** - ஐம்புலன் விழித்திரு
- ஒ** - ஒதுங்கியே செல்
- ஔ** - ஓயாத உற்சாகம் கொள்
- ஓள** - ஓளஷதம் சமூக இடைவெளி
- ஃ** - இஃதை கடைபிடித்தலே  
**கொரோனா வெல்லும் வழி**

கொரோனா ஒழிப்பின் ஒப்பற்ற பணியில்  
அனைவரும் இணைவோம்!

முதல்வர், பேராசிரியர்கள் மற்றும் மாணவ மாணவியர்கள்  
ஸ்ரீ கிருஷ்ணா பொறியியல் மற்றும் தொழில்நுட்பக் கல்லூரி

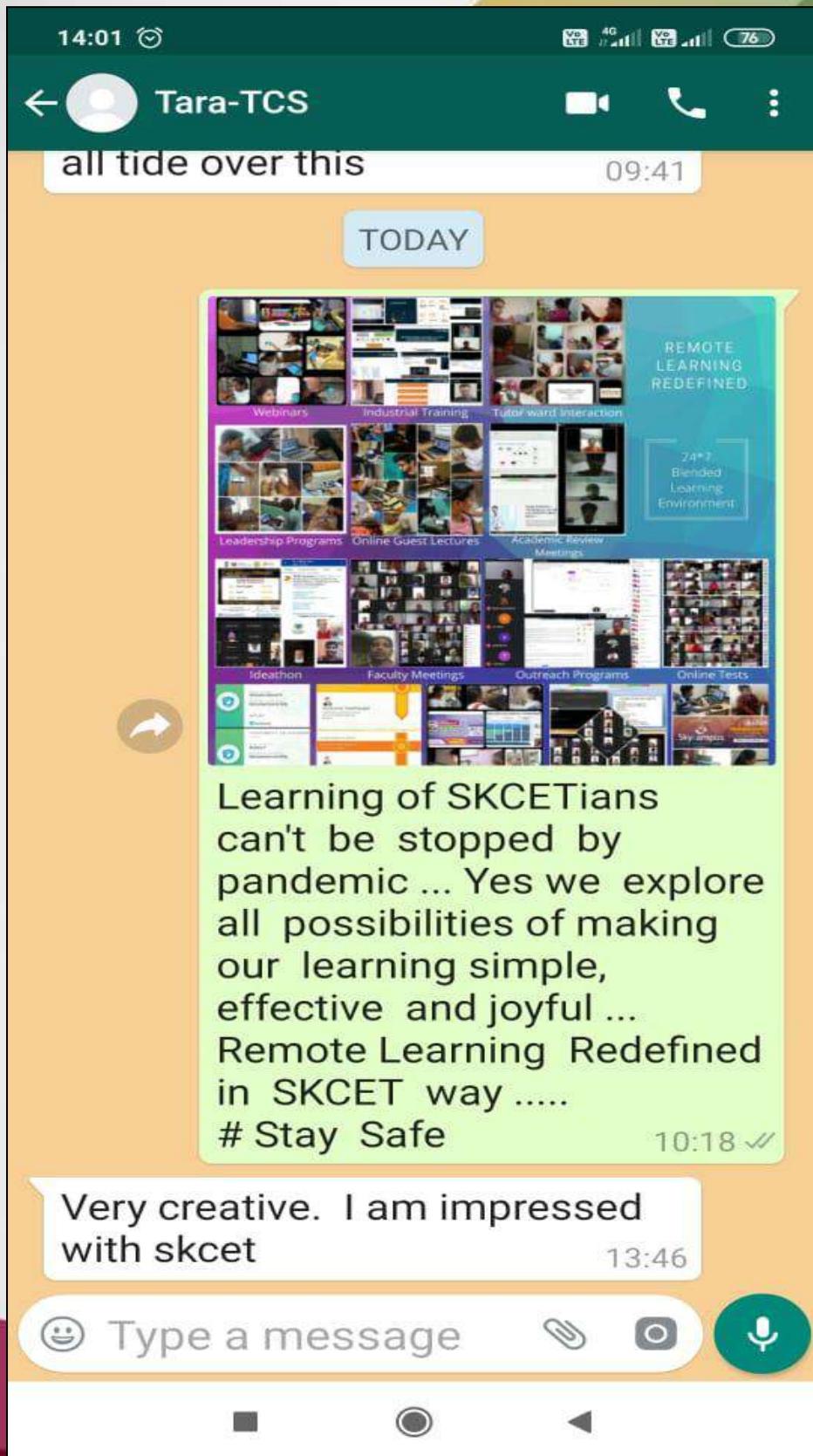
ஆக்கம் - முனைவர் S. A. பஜ்லூர் ரகுமான் - நூலகர் - SKCET



# FEEDBACK



e - Academia - Special Edition 5

**CORPORATE FEEDBACK ON SKCET : E-ACADEMIA ACTIVITIES**

**Dr.Tara  
Corporate Engg  
Service, TCS**



## CSBS | PARENT'S FEEDBACK

2018-22 (PARENTS-CS...  
Anandharani, Arumugam, Asha, A...  
EDITION 4\_compressed.pdf (127 pages)

வெறுங்கை என்பது மூட்தனம்!!!  
விரல்கள் பத்தும் மூலதனம்!!!

ஒருவனுக்கு வெற்றி என்பது பெரிய விஷயம் அதே சமயம் அதை விட பெரியது அந்த வெற்றியை பாராட்டும் குணம் உள்ளவர்கள். இதனை SKCET BUZZ மூலம் அப்படி நல்ல குணம் இருப்பது தெரிய வருகிறது. அதிலும் எங்கள் பிள்ளைகளின் இன்னொரு பெற்றோர்களாக இருக்கும் நீஷா அன்னை, பாலகிருஷ்ணன் ஜயா, மற்றும் அனைத்து ஆசிரியர்களுக்கும், SKCET BUZZ குழுவினருக்கும் மிக பெரிய நன்றிகள். உங்களை பற்றி எங்கள் குழந்தைகள் சொல்லும் பொழுது மிகவும் மகிழ்ச்சியாக இருக்கிறது. எனக்கு சிவா மட்டுமில்லாமல் அனைவரும் நம் பிள்ளைகள் தான் என்பதையும் உணர வைப்பதற்கும் நன்றி. உங்களின் பாராட்டுகள் மென்மேலும் நமது பிள்ளைகளை ஊக்குவிக்கும் என்பதில் சந்தேகம் இல்லை. இதற்காக அனைவருக்கும் நன்றிகளை தெரிவித்துக்கொள்கிறேன்.

வாழ்க வளமுடன்!!!

15:27

Thank you so much dear Madam for your acknowledgement and encouraging words 😊🙏

15:34 ✓

Siva Shankar Mom

You

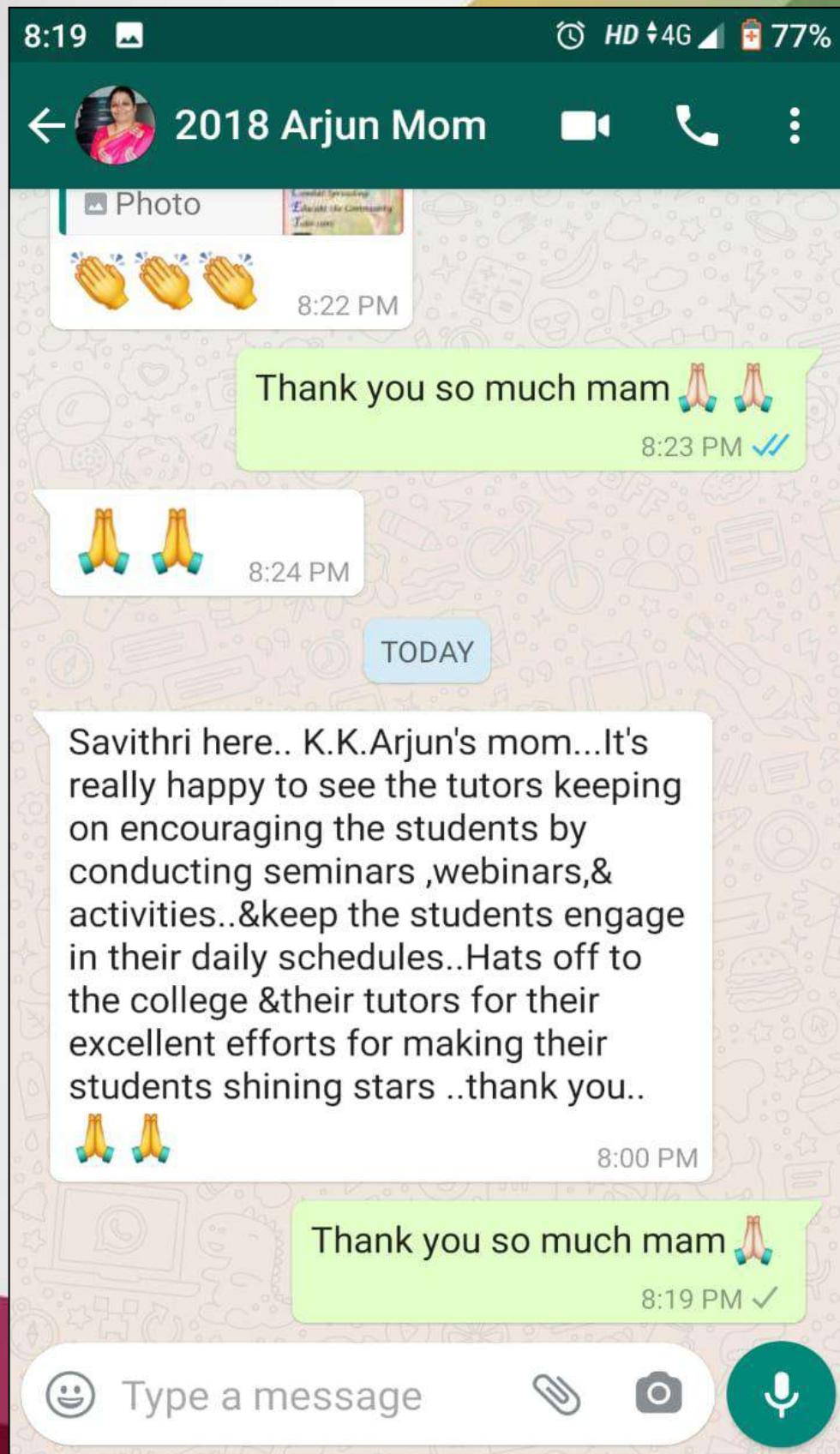
Thank you so much dear Madam for your acknowledgement and encouraging words 😊🙏

My pleasure mam

Type a message



Mrs.Muthulakshmi Ravichandran  
M/o Siva Shankar R,  
II CSE C (TCS)

**ECE | PARENT'S FEEDBACK :E -ACADEMIA ACTIVITIES**

Student Name  
Arjun,II ECE A

Parent Name :  
Mrs Savithri

## CSBS|PARENT'S FEEDBACK ON E-LEARNING

2018-22 (PARENTS-CSE TCS)

Anandharani, Arumugam, Asha, Asha, Babu Babu, Chitra, Chitra, CSBS, DanielFrancis, Gandhimathi, ...



[AND MULTI DIMENSIONAL ARRAY]

Practice test SLOT 3 27.04.2020 to 03.05.2020

20:05 ✓

Thyagaran F/o Sanchita

Thanks madam 20:08

Jeganathan F/o Manoshree

You

SKCET BUZZ - 25.04.2020 SPECIAL EDITION 4\_compressed.pdf • 127 pages



Thank you  
for your.  
Feedback

It was very happy to see SKCET is working and motivating the students and guiding for their bright future in this critical situation

20:11

Jeganathan F/o Manoshree

It was very happy to see SKCET is working and motivating the students and guiding for their bright future in this critical situation

Thank You very much Sir, for your acknowledgement and encouragement.

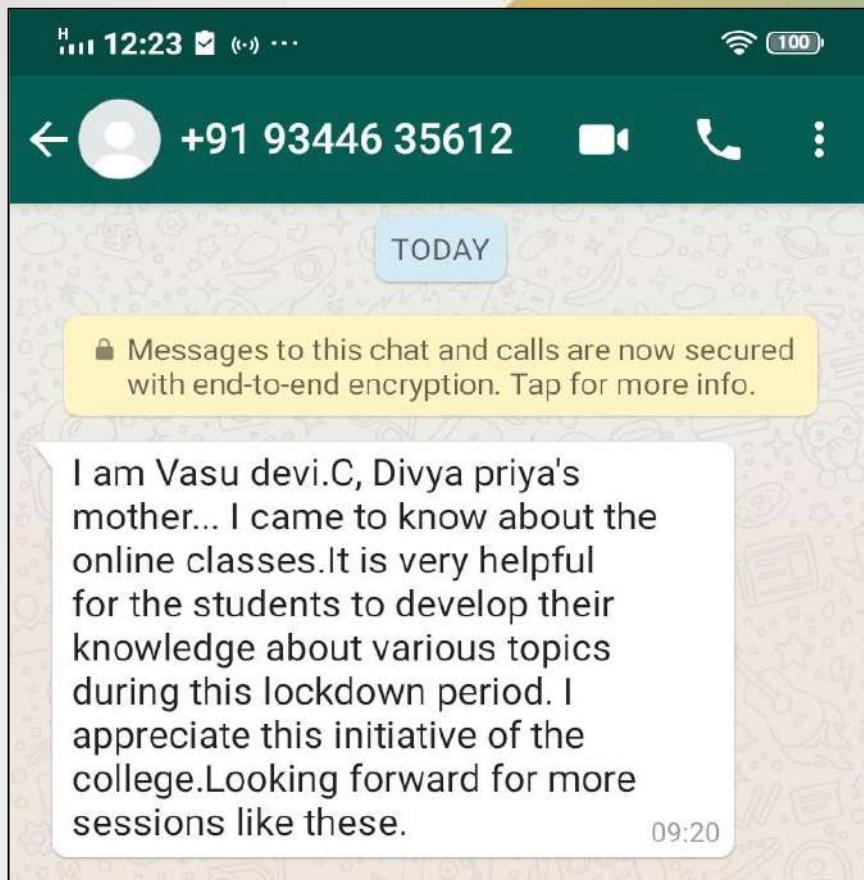


Mr. Jeganathan G  
F/o Manoshree J,  
II CSE C (TCS)

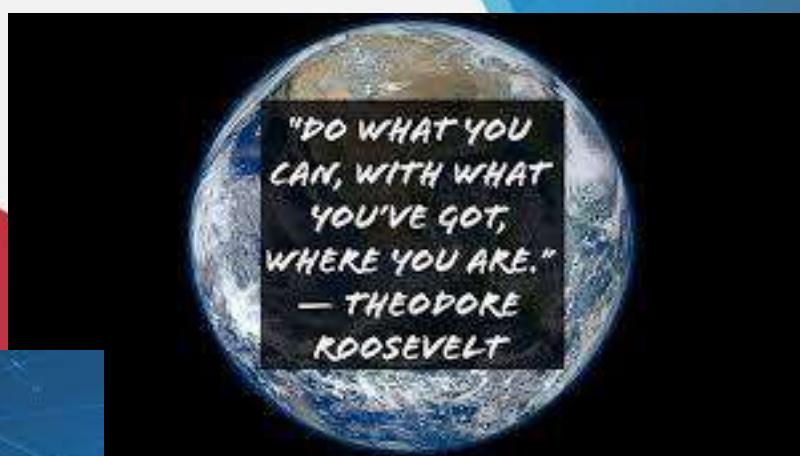
Mr. Thayagaran S  
F/o Sanchita T,  
II CSE C (TCS)

0:14 ✓

## ECE | PARENT'S FEEDBACK – ONLINE CLASSES



**MRS. C VASU DEVI  
M/O DHIVYAPRIYA  
II ECE A**



## CSBS|PARENT'S FEEDBACK – ARM

2018-22 (PARENTS-CSE TCS)

Anandharani, Arumugam, Asha, Asha, Babu Babu, Chitra, Chitra, CSBS, DanielFrancis, Gandhimathi, ...



Sudhakar F/o Kiran Subramanian

Thank you mam and sirs

SUNDAY

It was a effective session with lot of information

Appreciations for all your efforts .mam and sirs

18:46

DanielFrancis IT SKCET

Sudhakar F/o Kiran Subramanian

Thank you mam and sirs.

It was a effective session with lot of information

Appreciations for all your efforts .mam and sirs

Its our pleasure sir....thank you.

18:47

Thank you  
.for.your.  
Feedback

Mr. Sudhakar  
F/o Kiran Subramanian S,  
II CSE C (TCS)

Sudhakar F/o Kiran Subramanian

Thank you mam and sirs.

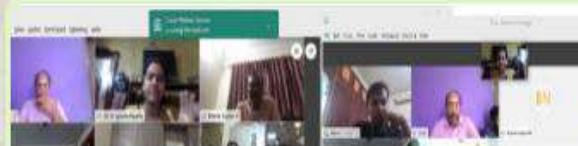
It was a effective session with lot of information

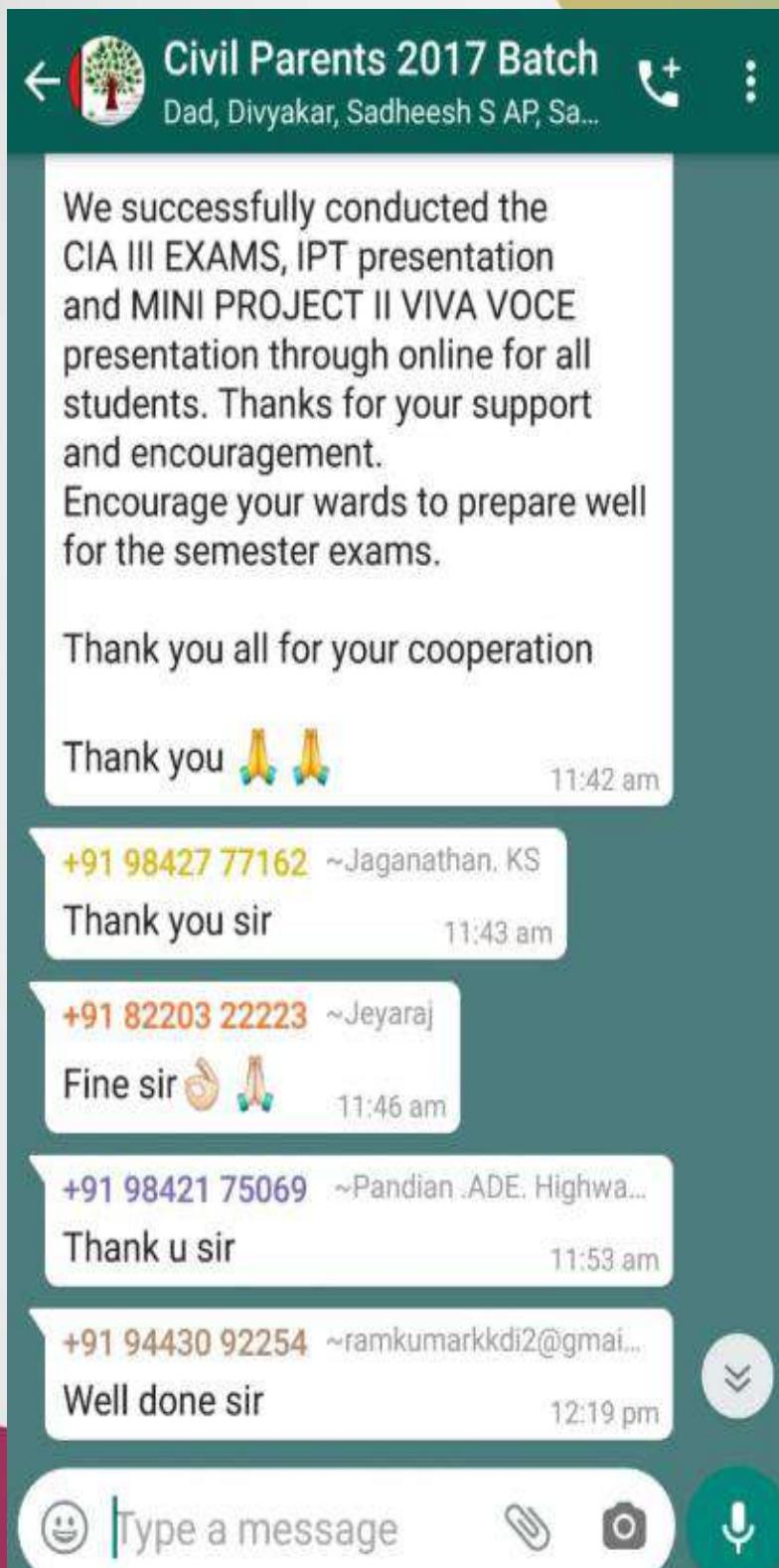
Appreciations for all your efforts .mam and sirs

Thank you so much for receiving us sir



18:49 ✓



**CIVIL | PARENT'S FEEDBACK - E-ACADEMIA ACTIVITIES**

Mr Pandian, ADE, Highway Division

F/o Yamini, III Civil

Mr Jaganathan, Civil Consultant and Engineer

F/o Hari Babu, III Civil



## CREATIVE CORNER



e - Academia - Special Edition 5

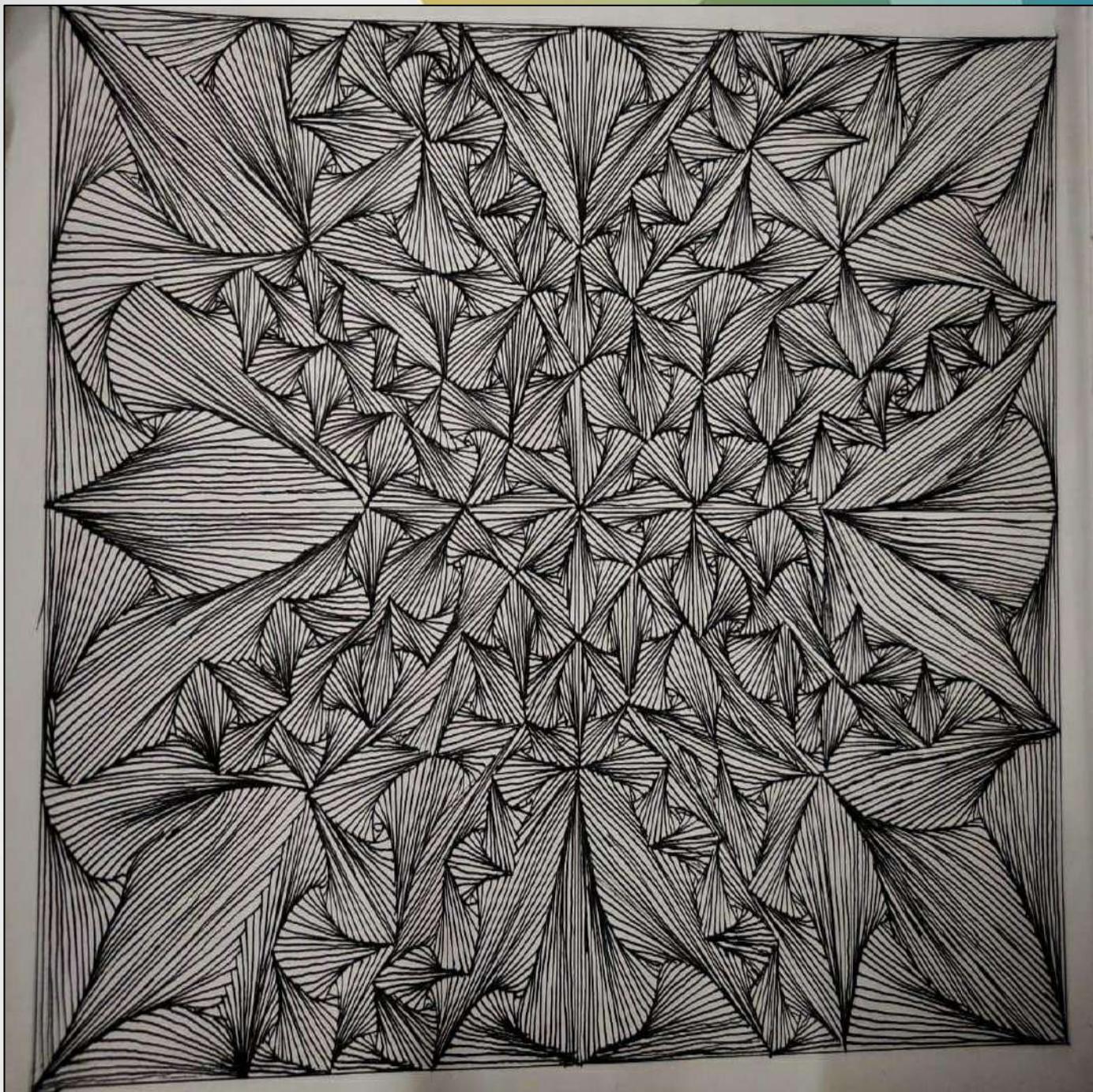
## ECE | ART MERAKI



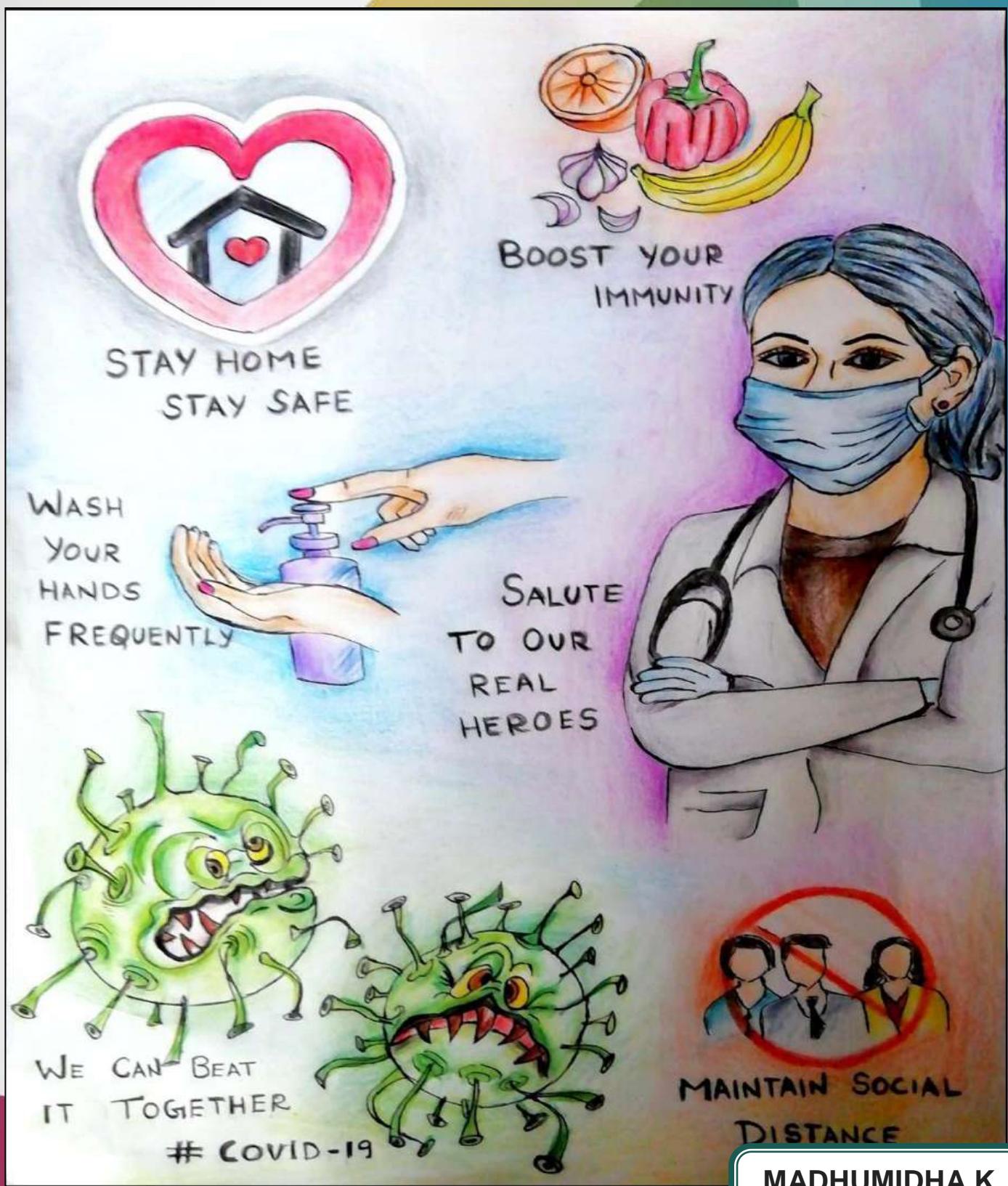
**SUPRAJA ARASU T**

**III ECE C**

## CSBS| ART DOODLE



**DHANISHTA K R**  
**II CSE C (TCS)**

**EEE | ART POSTER****MADHUMIDHA K  
II EEE B**

## MECH | GRAPHOGRAM



R. NOAH MUTHU  
SEBASTIAN  
II MECH B

## IT | LITERARY THOUGHT

DHAARANI  
II IT A

கொரோனா:

வுஹாணில் சிறு குழந்தையாய் பிறந்த நீ  
ஏனோ அரக்கனாய் மாறி எவ்வித பாகுபாடுமின்றி  
மனித உயிர்களை தாவிக்கொண்டாய்!!!

உலகையே அடிபனிய வைத்தாய்!!!

பேரறிவாளர்களையும் பதிலின்றி தலிக்கச் செய்தாய்!!!

உன் பசி தீர்க்க ஏனோ பட்டினியக்கினாய்

இவ்வுலகையே..!

உயிர் கொல்லியாய் உலா வரும் உனக்கு;

இன்னுமா,

தீரவில்லை உன் "உயிர்த்தாகம்"???



- தாரிணி ❤️

Your  Quote.in



SKCET

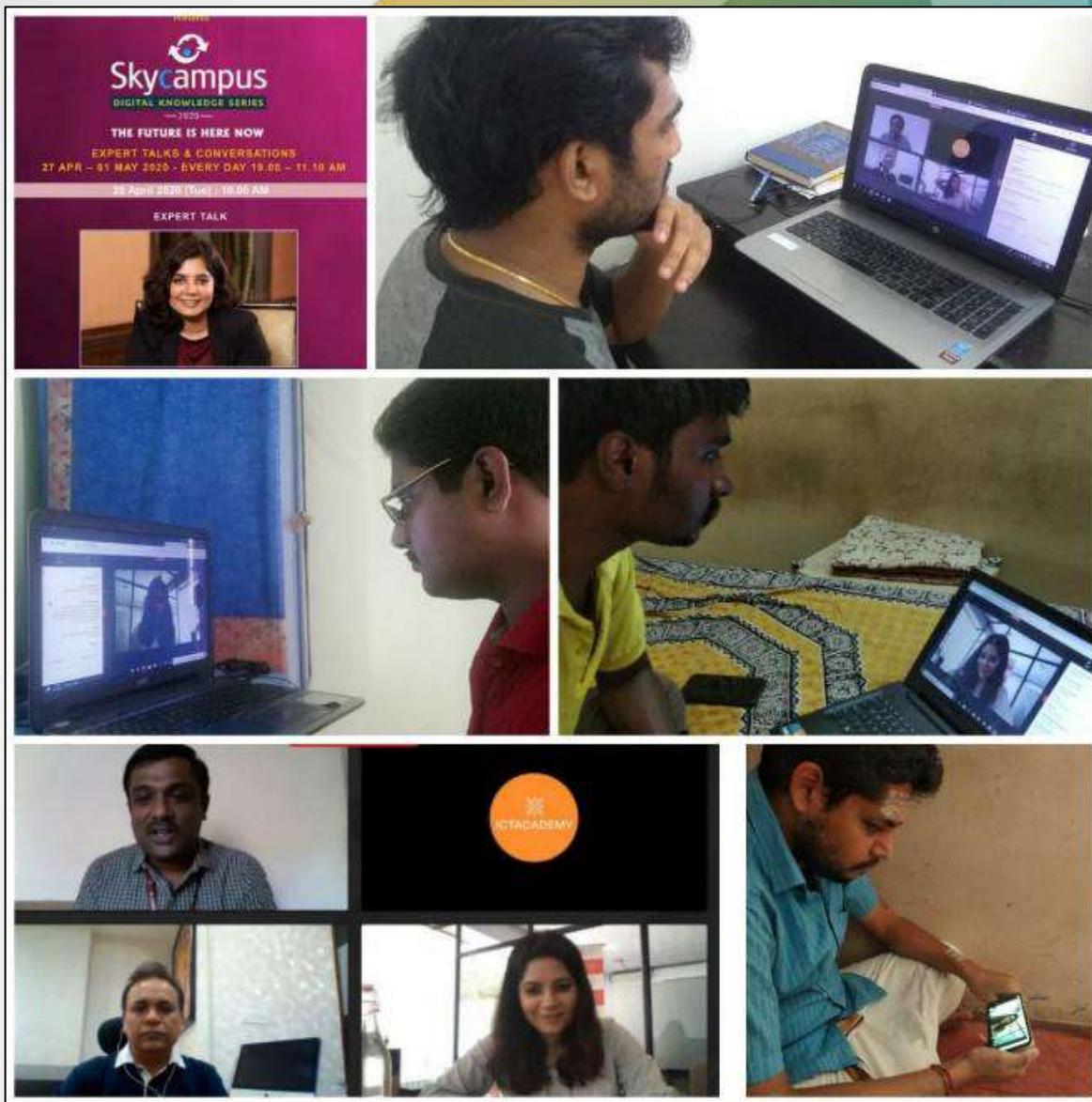
Buzz

# ICT SKYCAMPUSS DIGITAL KNOWLEDGE SERIES



e - Academia - Special Edition 5

## MECH | ICT SKY CAMPUS KNOWLEDGE SERIES



Faculty members from the Department of Mechanical Engineering attended the **Sky campus Digital Knowledge Series Season 3- The Future is here now**, hosted by ICT Academy from 27<sup>th</sup> April 2020 to 30<sup>th</sup> April 2020. Eminent Personalities across India insisted on the importance of digitization and digitalization. They commented that the pandemic has paved way to reach people digitally, a step towards future.

## IT | ICT SKY CAMPUS KNOWLEDGE SERIES

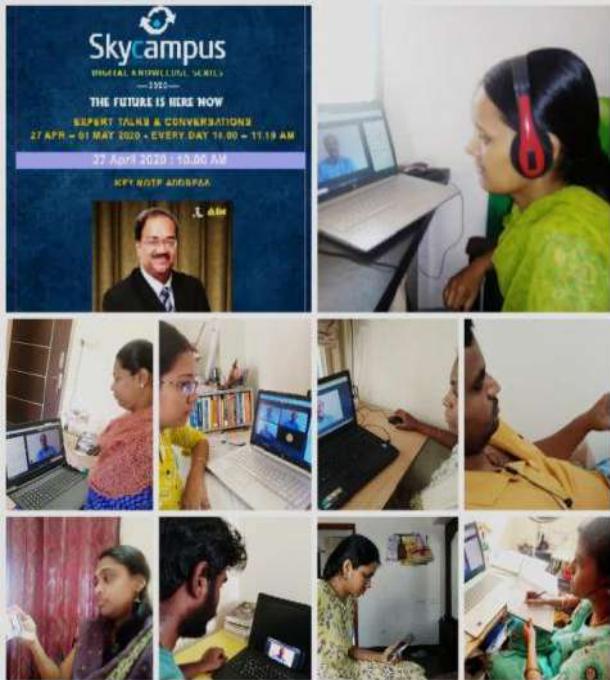


Faculty members from the Department of IT attended Sky campus Digital Knowledge **Season 3- The Future is Here Now** hosted by ICT Academy.

### Series:

1. **Mr. Ramanan Ramanathan**, Mission Director, ATAL Innovation Mission, NITI Aayog and **Dr.Thangam Meganathan**, Chairperson, Rajalakshmi Institutions - 27.04.2020.
2. **Ms. Shradha Sharma**, Founder and Chief Editor, your story and **Mr. Raman Batra**, Executive Vice President, NIET, Greater Noida - **28.04.2020**.
3. **Dr. Vaidhtasubramaniam**, Vice Chancellor, SASTRA University and Mr.P.C.Bala, Managing Director, Matrix Business Services - **29.04.2020**.

## CSE | ICT SKY CAMPUS KNOWLEDGE SERIES



**DAY 1 - 27.04.2020**



**DAY 2 - 28.04.2020**



Faculty members from the Department of **CSE** attended the Skycampus Digital Knowledge Series 2020 - "**Season 3 - The Future is Here**" hosted by ICT Academy.

## EEE| ICT SKYCAMPUS KNOWLEDGE SERIES



Faculty members from the department of EEE attended the various webinars by Skycampus Digital Knowledge Series-season 3 hosted by ICT academy on '**THE FUTURE IS HERE NOW**'. The sessions were handled by:

1. Mr.Ramanan Ramanathan,Mission Director, ATAL Innovation Mission, NITI Aayog-27.04.2020
2. Dr.Thangam Meganathan, Chairperson, Rajalakshmi Institutions- 27.04.2020
3. Ms.Shradha Sharma, Founder and Chief Editor, YourStory.-28.04.2020
4. Mr.Raman Batra, Executive Vice President, NIET, Greater Noida.- 28.04.2020.
5. Dr.Vaidhyasubramaniam, Vice Chancellor, SASTRA University.- 29.04.2020
6. Mr.P C Bala, Managing Director, Matrix Business Services-29.04.2020

**IT | ICT SKYCAMPUS KNOWLEDGE SERIES GLIMPSES**

**MCT | ICT SKYCAMPUS KNOWLEDGE SERIES**

Faculty members from the Department of MCT have attended the Sky campus Digital Knowledge Series - **Season 3 – The Future is Here Now** hosted by ICT Academy on 29.04.2020. Experts were:

1. Mr. Senthil Nayagam, SVP & Global Head – Revenue Assurance & Chief Learning Officer, Hexaware Technologies.
2. Dr. Karisiddappa, Vice Chancellor, Visvesvaraya Technological University.
3. Mr. Rajan Sethuraman, Chief Executive Officer, Latentview Analytics.

## EEE| ICT SKYCAMPUSS KNOWLEDGE SERIES



Faculty members from the department of EEE attended the webinar by Skycampus Digital Knowledge Series season 3 hosted by ICT academy on '**THE FUTURE IS HERE NOW**'. The sessions were handled by **Dr.Karisiddappa**, Vice-Chancellor, Visvesvaraya Technological University, Karnataka. **Mr.Senthil Nayagam**, SVP & Global Head - Revenue Assurance & Chief Learning Officer, Hexaware Technologies. **Mr. Rajan Sethuraman**, CEO-Latentview Analytics. The session highlights were on effects of digital intervention, importance of blended learning, importance of Self governance.



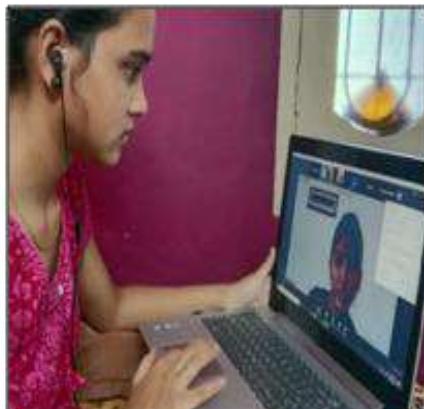
SKCET

**Buzz**

## WEBINARS ON LIFE SKILLS

**e - Academia - Special Edition 5**

## ECE | ESSENTIAL SKILL REQUIREMENTS



Institution's Innovation council (IIC) and Department of ECE organized an Online Guest Lecture - **Essential Skill Requirements for Service Based Industries** for Second and Third year ECE students

**Resource person :**Ms.Sowmiya Puvanendran, Executive HR, TCS, Bangalore (2012-2016 ECE Alumnus).

**Key points discussed :**Students must have a knowledge repository to face interview, Do's and Don'ts in a HR interview and a Demo of Interview process

# CSBS| QUALITY & INFORMATION SECURITY - AN INTRODUCTION TO INTEGRATED MANAGEMENT SYSTEM



Department of **Computer Science and Business Systems** organized a webinar titled "**Quality & Information Security - An Introduction to Integrated Management System**" on 27.04.2020 for faculty members, I year and II year students of CSBS through Cisco WebEx app. **Mrs. GomathiNatchiyar Kumaran**, Quality Specialist at Tata Elxsi Limited, Chennai was the resource person. She elaborated the session with Quality – Triad, imparting Awareness on Integrated Management Systems, ISO 9001:2015 and ISO 27001:2013 – Well explained, Quality Management System, Information Security & Information Security Management System, Plan-Do-Check-Act Cycle, Risk Management, Organization and Auditing process along with real world examples. It was an informative and beneficial session for all.

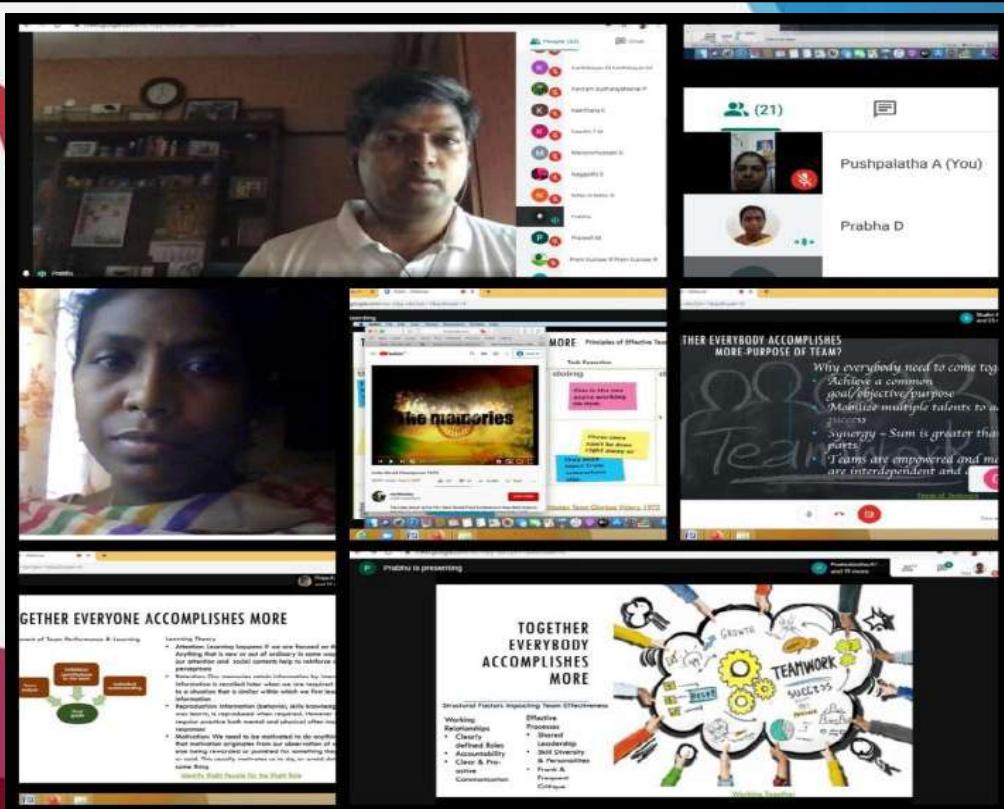
## SOM| NASSCOM – LEARN HOW TO ACE VIRTUAL INTERVIEW



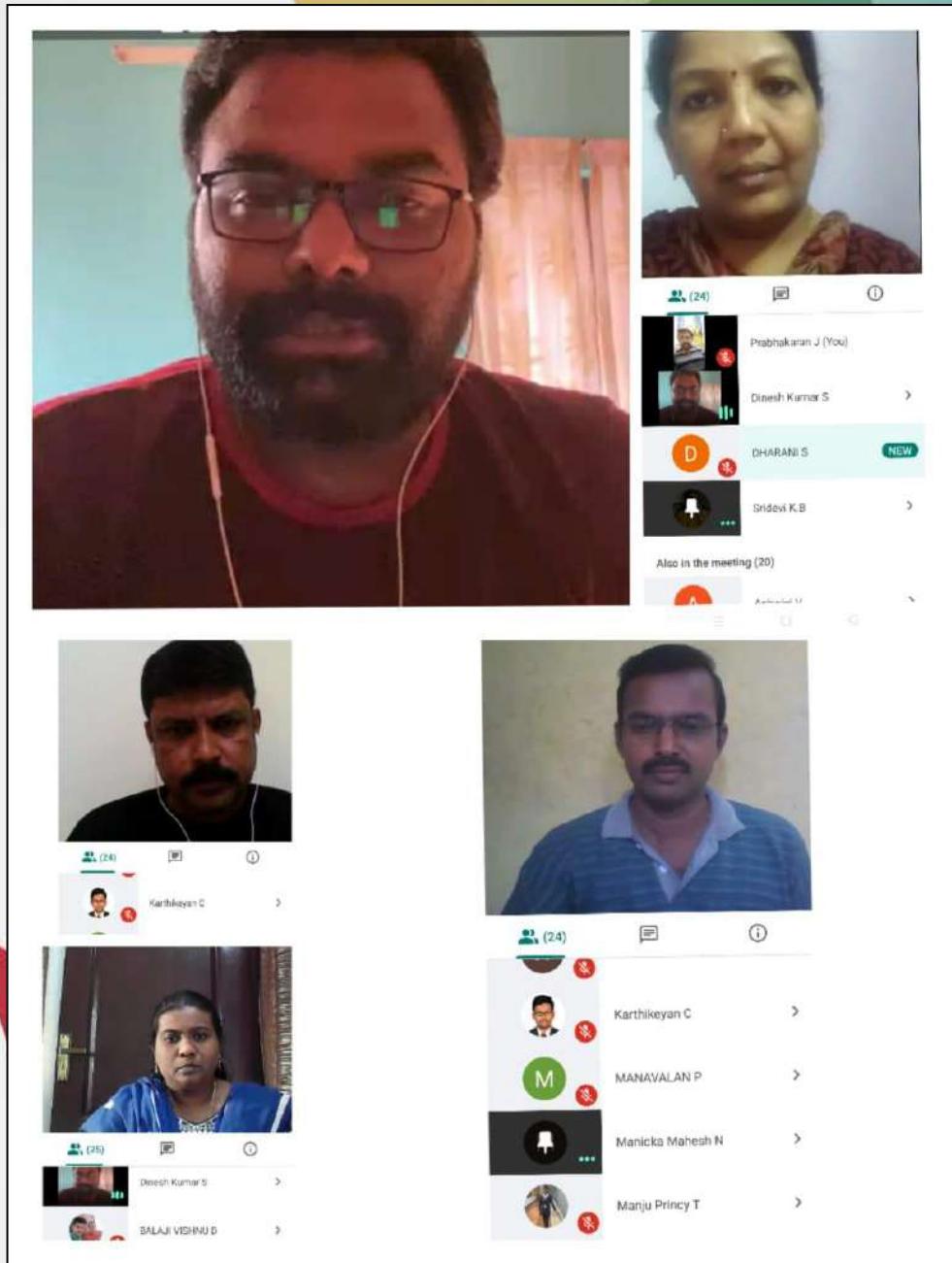
Faculty members and students of **School of Management** attended the NASSCOM webinar on '**Learn how to ace virtual interviews**' delivered by **Mr. Sujith Kumar**, AVP- Business leader, Infosys, Chennai. The insights were Location- Zero disturbances, Research about the organization, Upskilling and resume updation, Digital etiquettes - Eye contact, Body language and reading others interest, Online aptitude quiz or puzzle- approach matters, Funnel approach- general to focused area questions and Social media profiling.

## CSE | TEAMWORK MAKES THE DREAMWORK

Institution's Innovation Council of SKCET and CSE Department organized a webinar session on "Teamwork makes the Dreamwork" on 28.4.2020 for II year CSE students and faculty members at 11.00 am through Google Meet application. Mr.Prabhu Chari, Associate Director, Cognizant Technology Solutions, Coimbatore was the resource person of the event. He elaborated on the importance of teamwork and demonstrated the same by means of videos. The key points discussed were: Power of Teamwork, Principles of Effective teamwork, Synergy, Structural factors, Working Relationships and Effective processes, Benefits of teams working together, Assessment of team performance and learning.



## SOM | CUSTOMER RELATIONSHIP MANAGEMENT



**Institutions Innovation Council of SKCET and School of Management organized a Webinar on ‘Customer Relationship Management’ by Mr.Dinesh Kumar S, Relationship Executive, CSB Bank, Mangalore. The session was on the Customer retaining strategies with live case at CSB.**

## CIVIL | VALUES FOR LIFE

A webinar on "Values for Life" was organized by the Department of **Civil Engineering**. The session was handled by **Mr. S. K. Arun**, CEO, Audi Coimbatore/Madurai, Harley Davidson, Coimbatore. He delivered a talk on the values required for our life such as Patience, Motivation, Forgiveness, Courage, Kindness, Integrity and right things to do. Faculty members and the students from the Department of Civil Engineering attended the webinar.

The screenshot shows a video conference interface. On the left, a grid of participant thumbnails displays names like Boobalan, Arundhathi, Yamini S P, Trish Thrisaa, and Karthick. On the right, a large presentation slide titled "Value of our Life" lists points such as "How much is my life worth?", "People value based on their point of view and belief in you.", and "We should surround our self with people who value our life priceless.". Below the slide, the college's logo and name are visible, along with details about its accreditation. A smaller slide at the bottom right discusses "Do the right thing" with options A, B, C, and D.

## MECH | PREPARATORY METHODS FOR CIVIL SERVICE EXAM

**Group A Services by UPSC**

- ❖ Indian Foreign Service or IFS
- ❖ Indian P & T Accounts & Finance Service
- ❖ Indian Audit and Accounts Service
- ❖ Indian Revenue Service (Customs and Central Excise)
- ❖ Indian Defence Accounts Service
- ❖ Indian Revenue Service (I.T.) or IRS

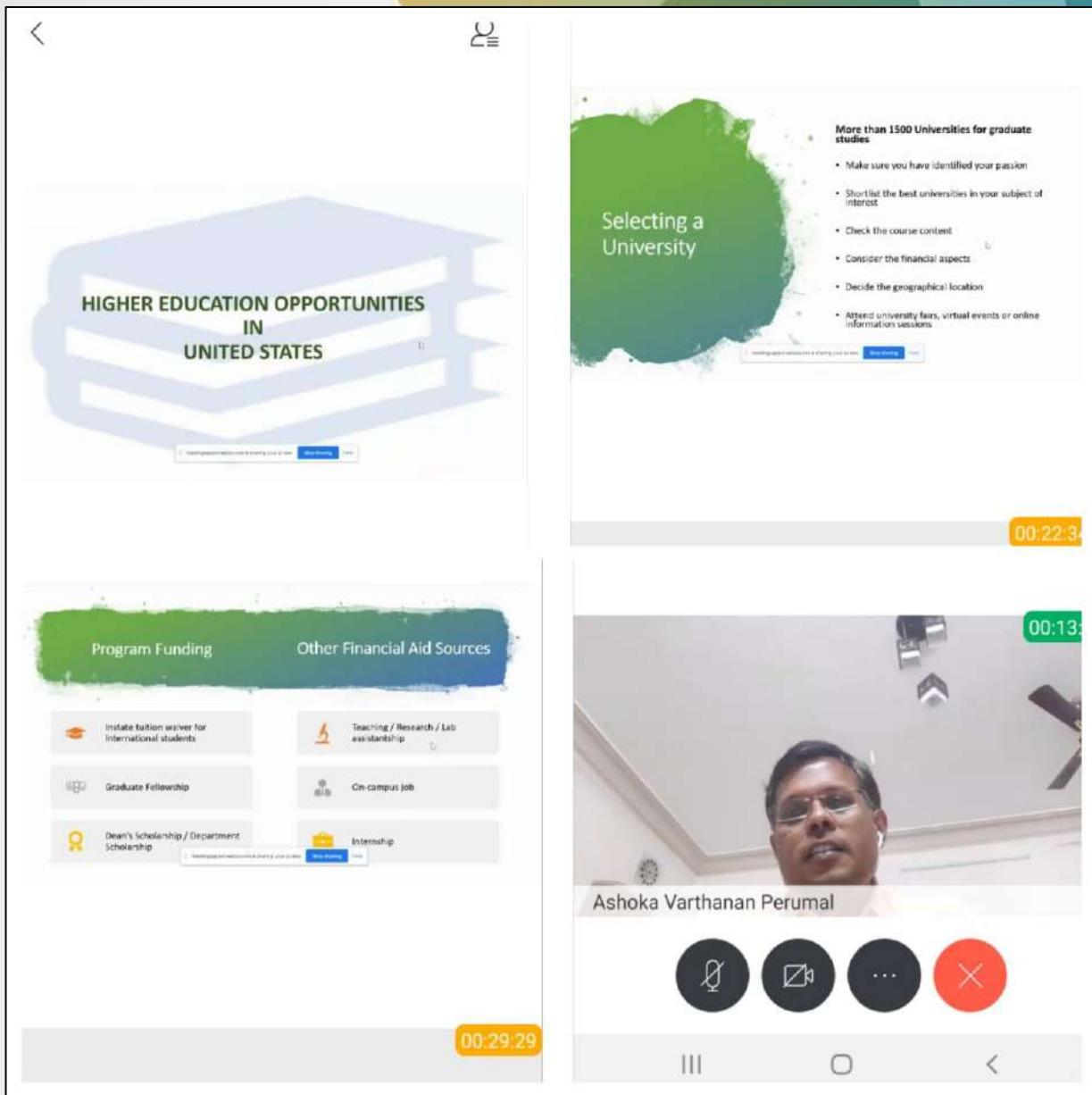
The exam is conducted in three stages

Prelims	Mains	Personality Test
✓ 2 papers of objective type ✓ 400 marks	✓ 7 papers ✓ Descriptive ✓ 250 each ✓ Total = 1750	✓ Psychometric Test ✓ Assessment Test ✓ Personal Interview ✓ 275 marks

Jaswanth R

Department of Mechanical engineering organized a webinar on **“Preparatory Methods for Civil Service Exam”**. Mr Jaswanth, Motivational speaker of King Makers IAS Academy handled the session and inspired the students to prepare for Civil service exam. He also shared his valuable suggestion and tips on how to approach civil service exams without fear.

## MECH | HIGHER EDUCATION OPPORTUNITIES IN UNITED STATES

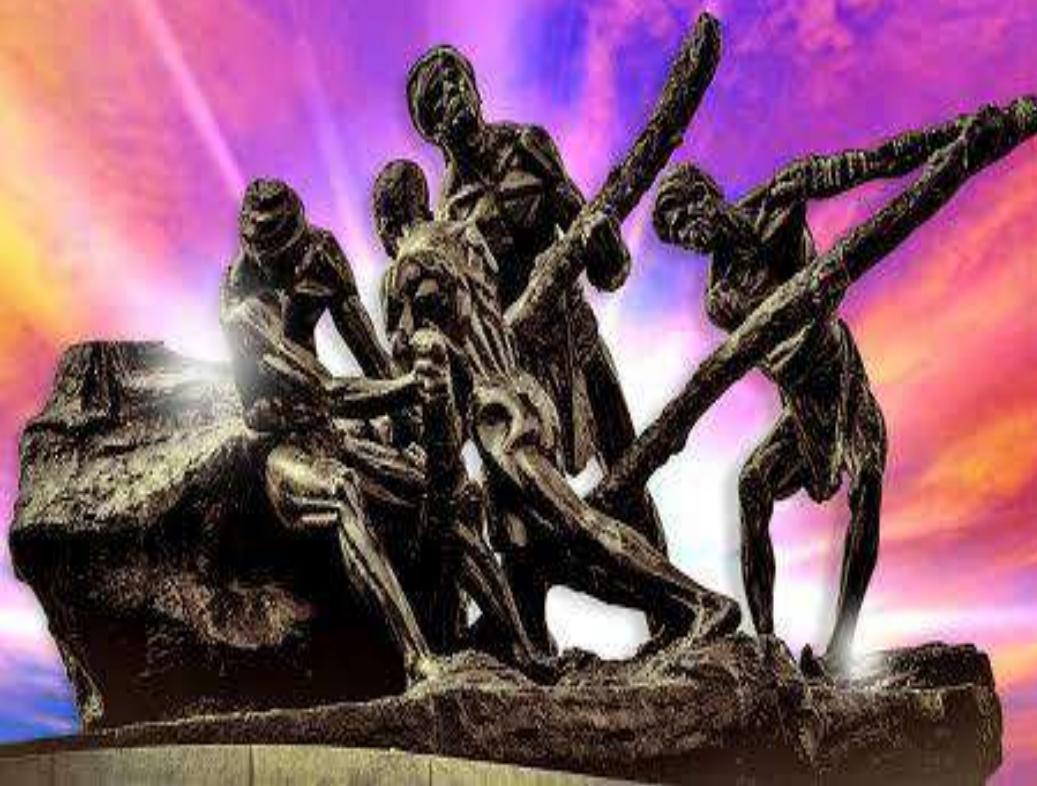


Department of Mechanical Engineering a webinar on "**Higher education Opportunities in United States**" on 29<sup>th</sup> April 2020. **Mr Anish Kumar**, Industrial Engineer & Consultant of Lectron Fuel Systems was the resource person of the event. He delivered a lecture on the benefits and possibilities of pursuing a Master's degree in US.

**INTERNATIONAL DAY – WORLD LABOUR DAY**

முயன்றால் முடியாதது இல்லை  
முயற்சிப்போம் முடிவுக்காக அல்ல.  
நம் முன்னேற்றத்திற்காக...

# தொழிலாளர் தின நல்வாழ்த்துக்கள்





## UPCOMING EVENTS



e - Academia - Special Edition 5

## MECH| UPCOMING EVENT- 05.05.2020

**SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY**  
(AN AUTONOMOUS INSTITUTION)  
ACCREDITED BY NAAC  
Kuniamuthur, Coimbatore

INSTITUTION'S  
INNOVATION  
COUNCIL  
(Ministry of HRD Initiative)



**DEPARTMENT OF MECHANICAL ENGINEERING**  
Inviting you all to join a Webinar on  
**DESIGN AND MANUFACTURING TECHNOLOGY**

**Resource Person**  
Mr. S. Senniappan,  
CEO,  
Mech Tech Engineering Solutions,  
Coimbatore.

 578 542 060

 05.05.2020 @ 11.00 A.M

## ECE | UPCOMING EVENT- 04.05.2020

**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 -641008

INSTITUTION'S  
INNOVATION  
COUNCIL  
(Ministry of HRD Initiative)

**Department of Electronics and Communication Engineering**  
Cordially Inviting You all to join the online Guest lecture on

*Impact of Automation  
in  
Industries*

**Resource Person**  
*Mr. N. A. Srinath*

Assistant Manager  
Jayaswal Neco Industries Limited,  
Raipur, chhattisgarh

Streaming through 

 on 04.05.2020  
@ 11.00 am

#SKCET#Fight\_against\_COVID-19# Learn from Home#SKCET way

## MCT | UPCOMING EVENT- 02.05.2020



**SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY**

(AN AUTONOMOUS INSTITUTION)

ACCREDITED BY NAAC

Kuniamuthur, Coimbatore



## DEPARTMENT OF MECHATRONICS ENGINEERING

*Inviting you all to join a Webinar on*

### Awakening the Engineer within you

Speaker:

**Mr. Binesh Kumar,  
Project Lead,  
Atom Power Inc.,  
Charlotte, North Carolina**



Webex Meetings



**02.05.2020  
@ 6 PM**

## EEE | UPCOMING EVENT- 04.05.2020

# SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY



SRI KRISHNA  
INSTITUTIONS  
COIMBATORE

(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

## EMBEDDED CONTROL SYSTEM



Resource person

Mr. Robert Van Rooyen

Principal Engineer

BARR group



04.05.2020



GoToMeeting

166-509-557



11.00 AM