



**HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY**  
APPROVED BY AICTE, NEW DELHI, ACCREDITED WITH 'A' GRADE BY NAAC  
AN AUTONOMOUS INSTITUTE, AFFILIATED TO ANNA UNIVERSITY, CHENNAI  
COIMBATORE - 641 032



## WORDS FROM EDITOR-IN-CHIEF

Hearty Wishes!! Great pleasure in releasing Volume – “Nouvelle” – a faster recap of the academic and non-academic activities of the department.

A sense of joy and satisfaction engulfs when indulged in the preparation of Nouvelle. A Whole lot of thanks to The Management and The Principal for providing us an enabling climate to implement all our innovative thoughts. The Department takes pride in sharing the activities, events, participations and the happenings during the academic year 2020-2021.

- ▲ All challenges on the way of success were efficaciously handled
- ▲ and faced. All excitements were immensely enjoyed. Deep
- ▲ realization of effects Team work let us keep going smoothly. Heart
- ▲ full thanks to the department staff members for their selfless
- intention, effort, hard work and cooperation. Appreciation to all
- students for their orderly behaviour, sense of commitment,
- immediate response to the needs of the department without
- whom anything is impossible.

## WHAT'S INSIDE

- Words From  
EDITOR-IN-CHIEF
- Events Organized
- Faculty publications
- Faculty seminar, FDP
- Merit Board
- Editorial

**DR. A. R. JAYASUDHA**

***“I CANNOT TEACH ANYBODY ANYTHING, I CAN ONLY MAKE THEM THINK.”***

-Socrates (BC 469-BC 399) Greek philosopher of Athens

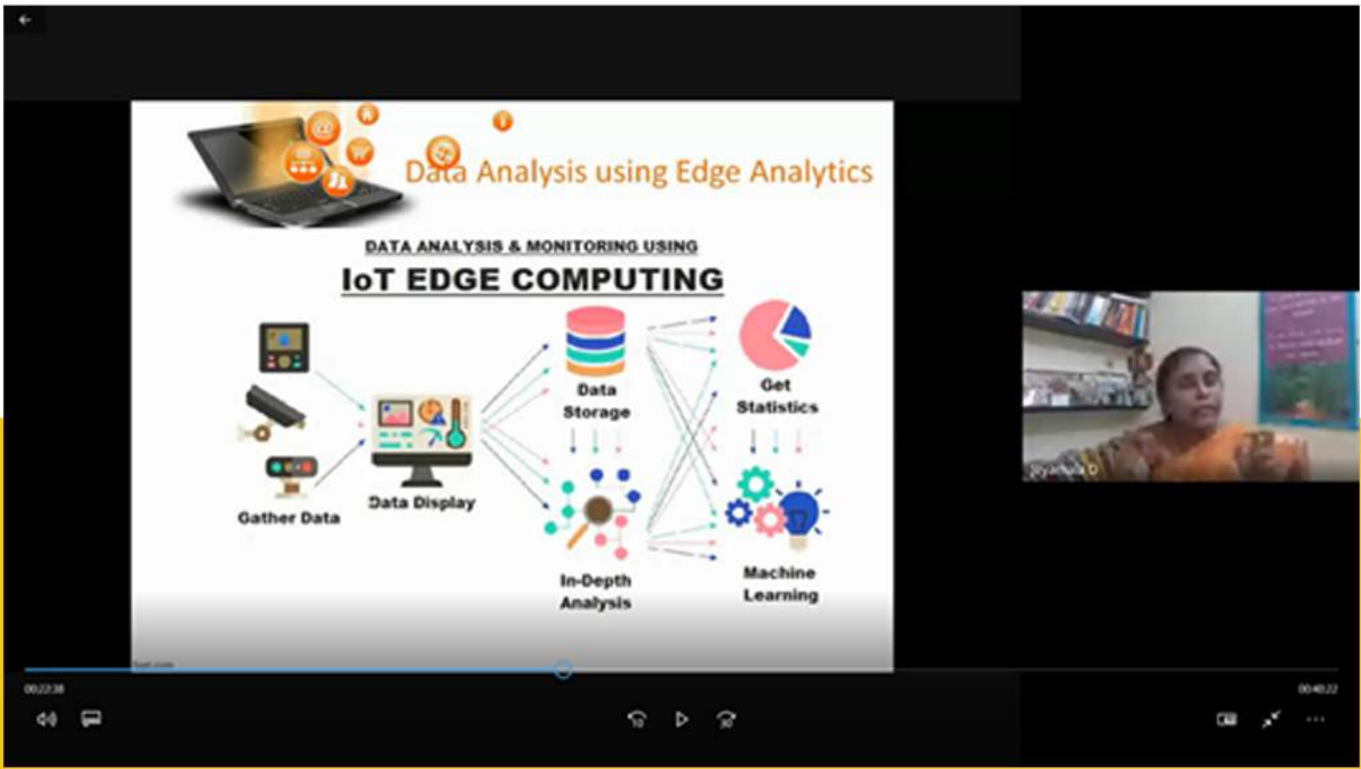




Our department organized a Webinar on **“Edge Analytics Applications And Its Tools”** on 19th May 2021. The webinar was handled by Dr. D. Jaya Mala, Director MCA, Fatima College, Madurai. Students learned about the need of Edge analytics, Usage of data analytics using Edge analytics and about integrating cloud and IoT.



SPEAKER EXPLAINING ABOUT EDGE ANALYTICS TO THE PARTICIPANTS

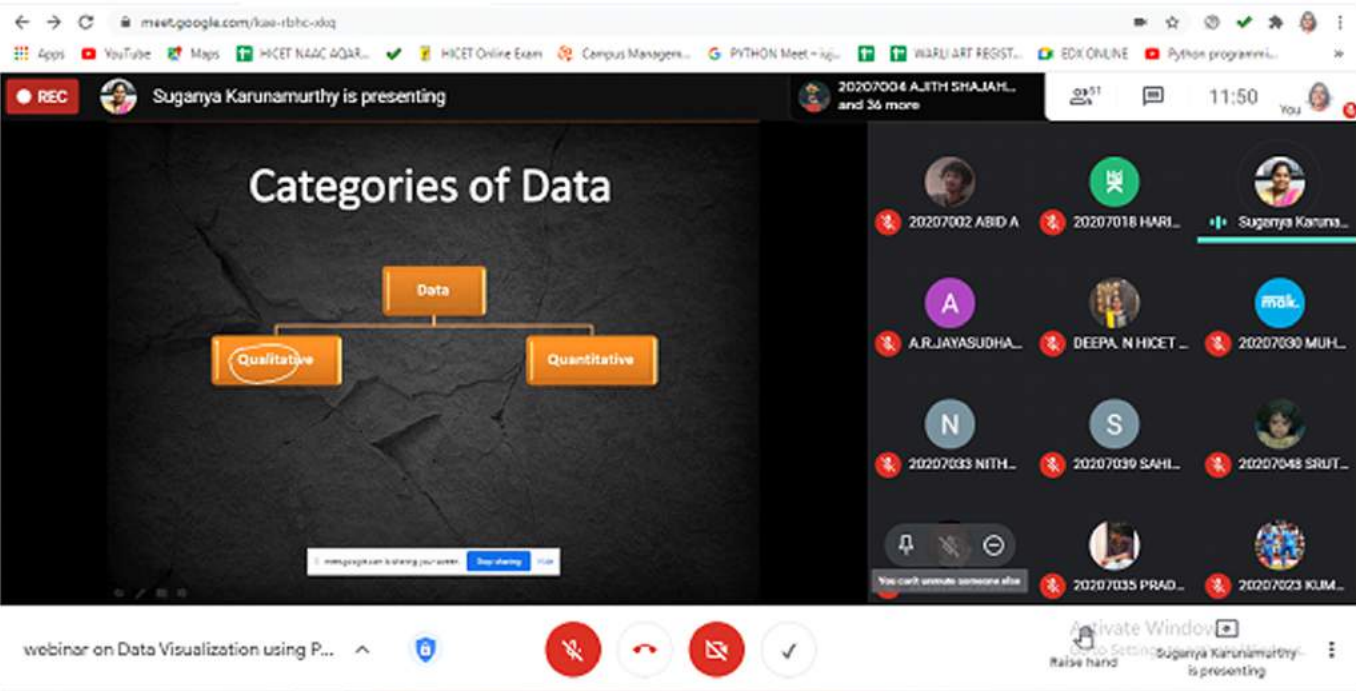


SPEAKER EXPLAINING ABOUT IoT AND COMPUTING

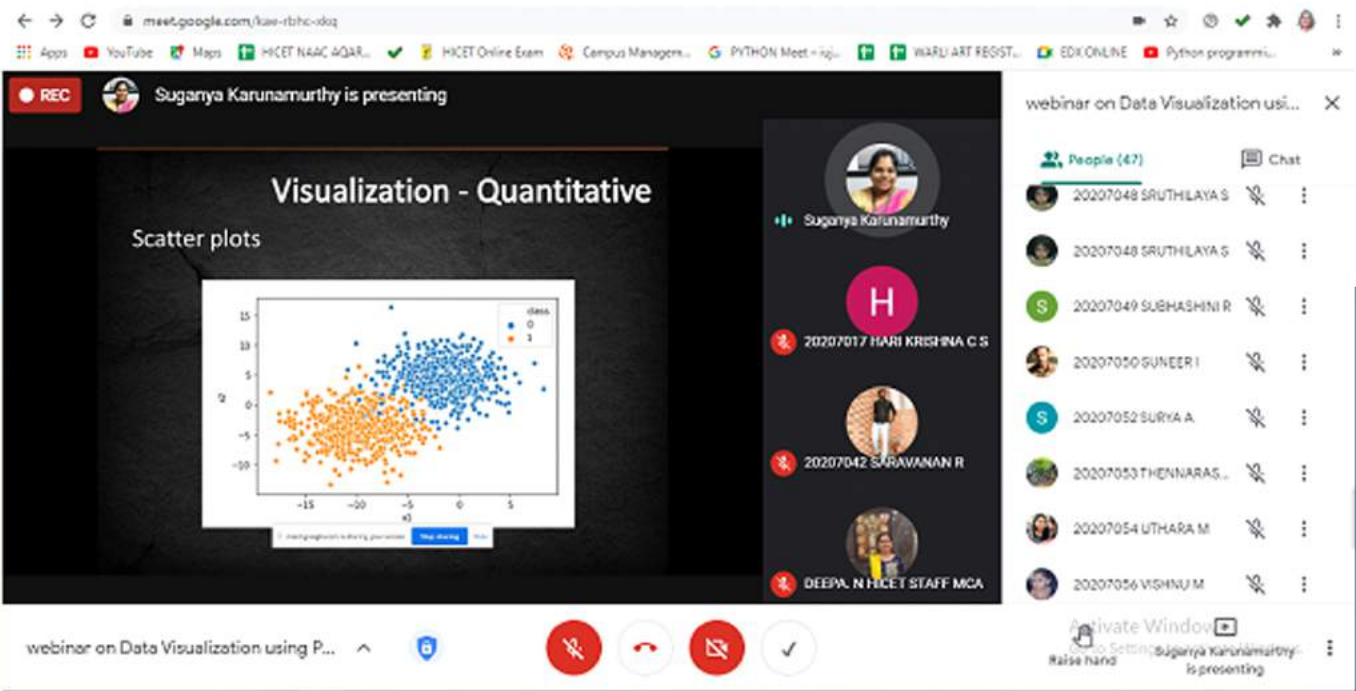


Our department organized a webinar on **Data Visualization using Python**, on 10th May 2021. The resource person was Dr. G. Suganya, Associate Professor, Computer Science and Engineering, Assistant Director, Software Development Cell, VIT, Chennai.

The students were introduced to Data visualization, categories of data, terminologies. Students learnt about visualization and advanced charts handling using Python.



SCREENSHOT OF PRESENTATION OF THE SPEAKER

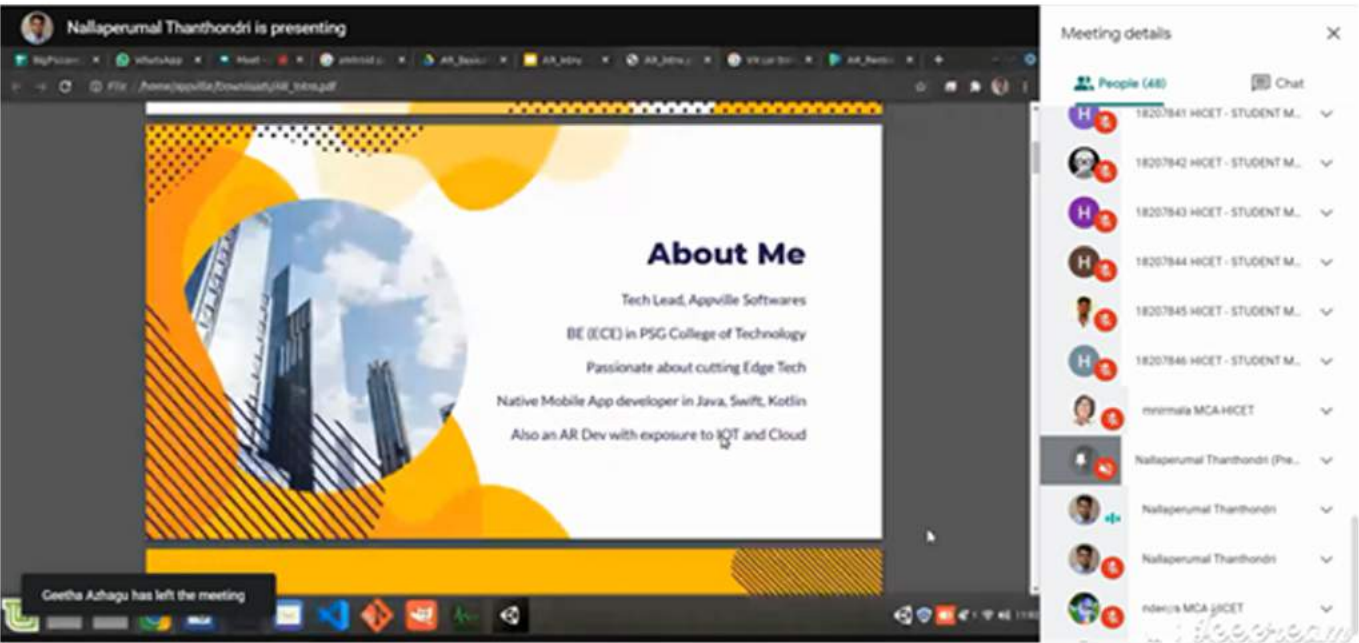


SPEAKER DISCUSSING ABOUT VISUALIZATION OF DATA

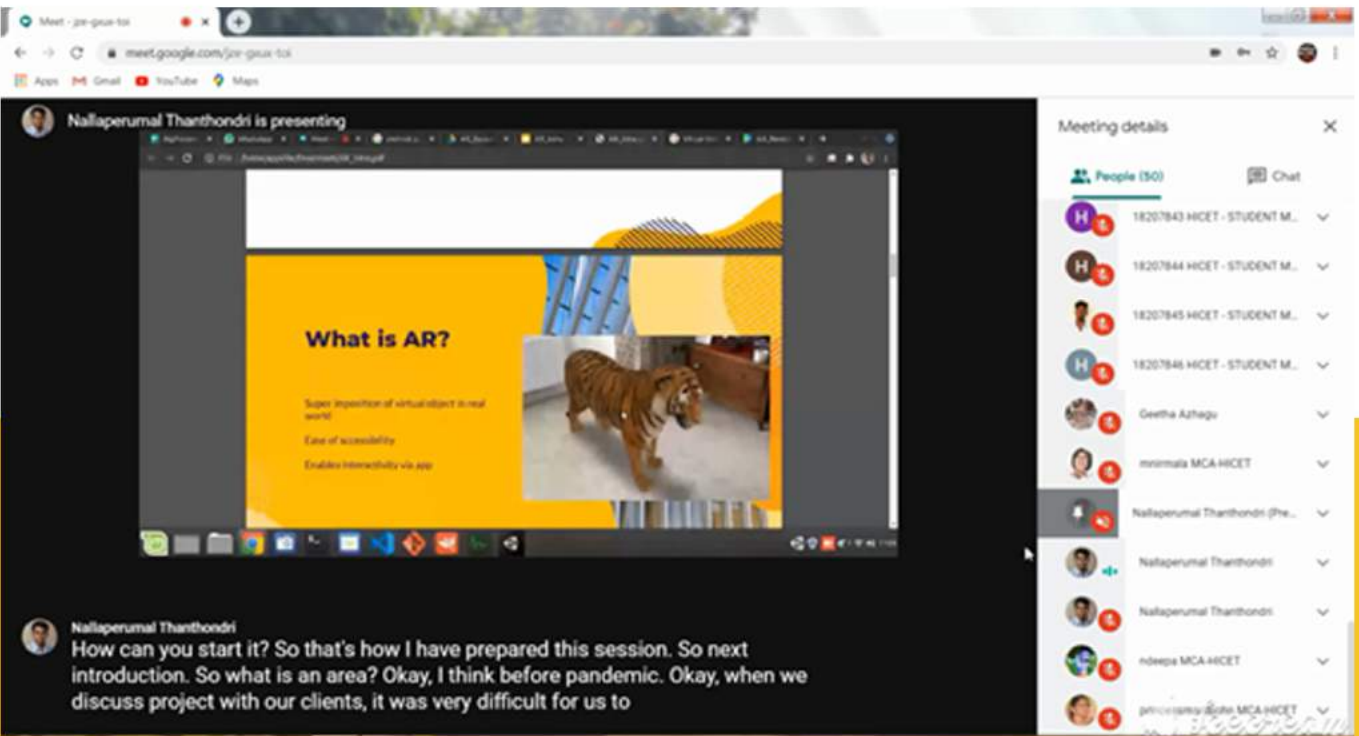




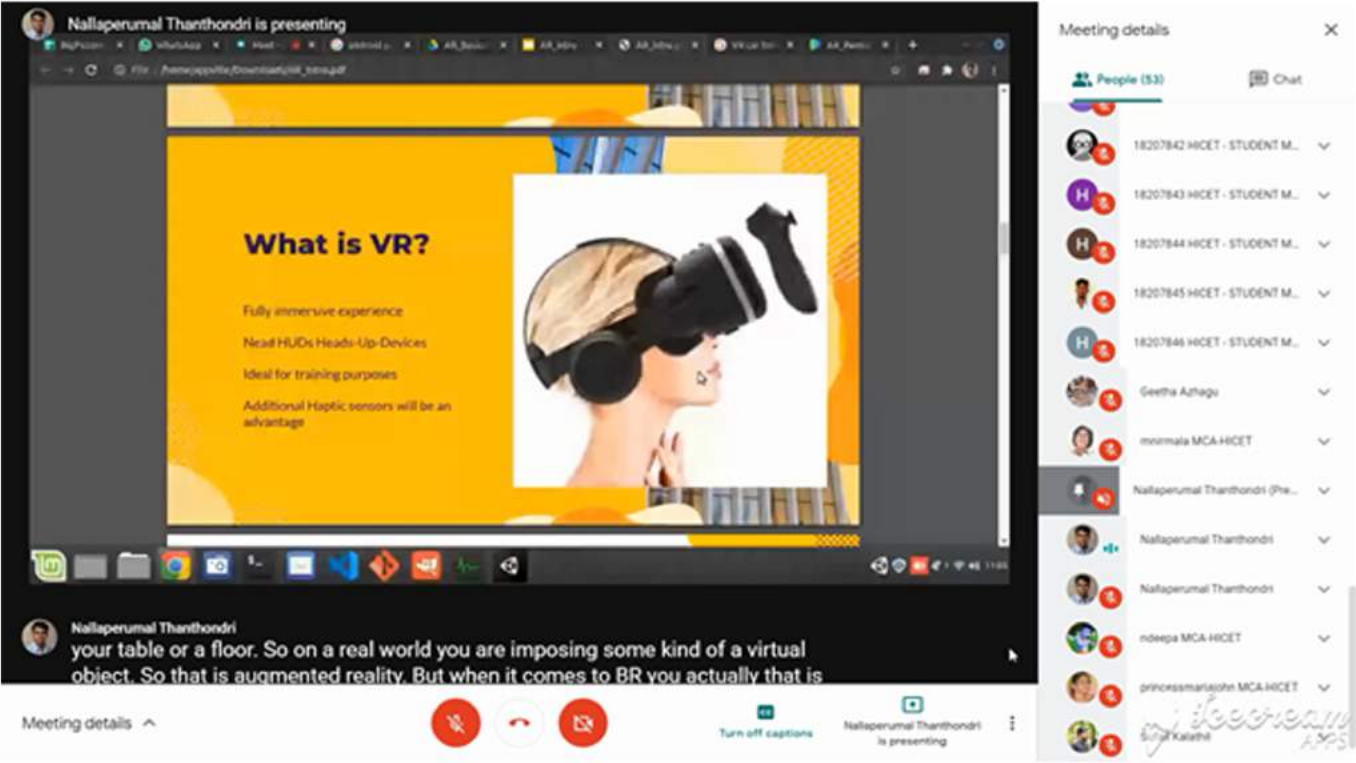
Our department organized a Webinar on **Augmented Reality and Virtual Reality** on 22nd September 2020. The resource person was Nallaperumal T, Co-Founder & Technical Lead, Appvile Software, Coimbatore. Students were introduced to Augmented Reality and Virtual Reality difference between them, Types of AR Devices, Usage in education.



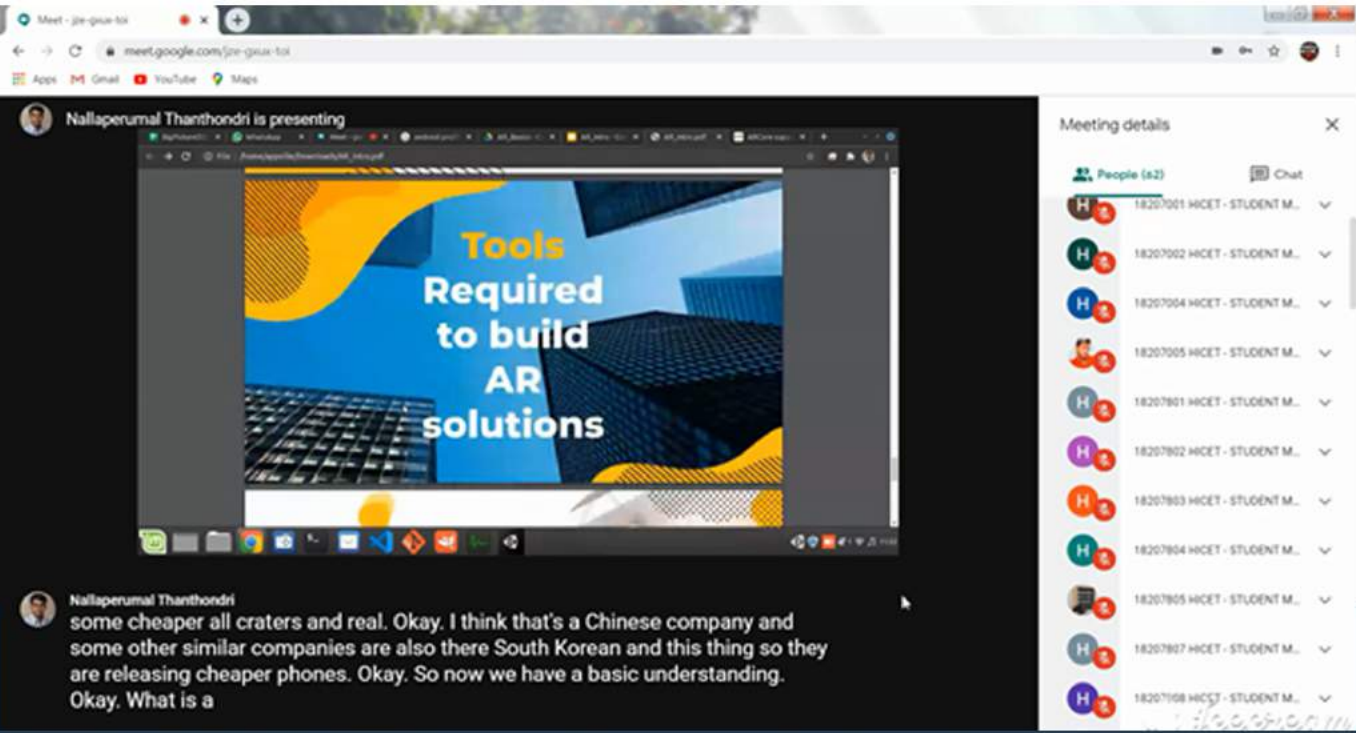
SPEAKER'S SELF INTRODUCTION



SPEAKER'S DISCUSSING ABOUT AUGMENTED REALITY



SPEAKER’S DISCUSSING ABOUT VIRTUAL REALITY

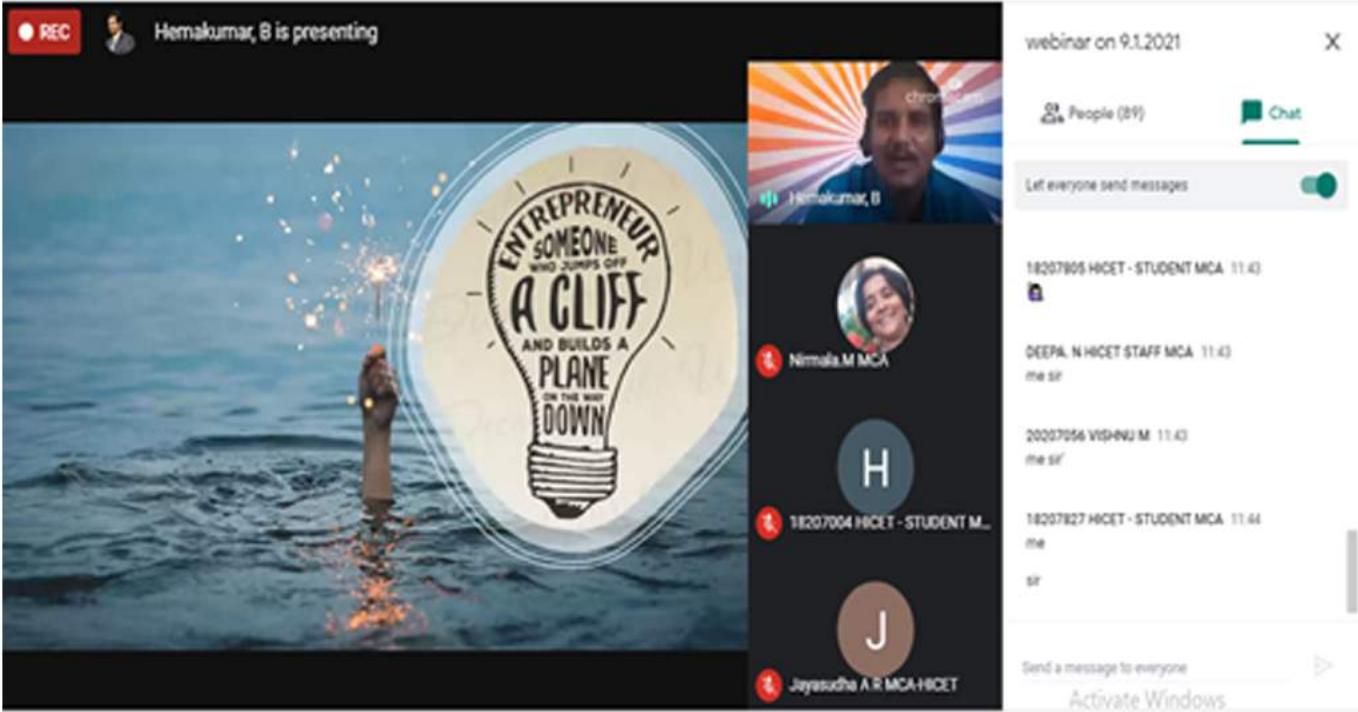


SPEAKER’S PROVIDING ABOUT VARIOUS AR AND VR TOOLS

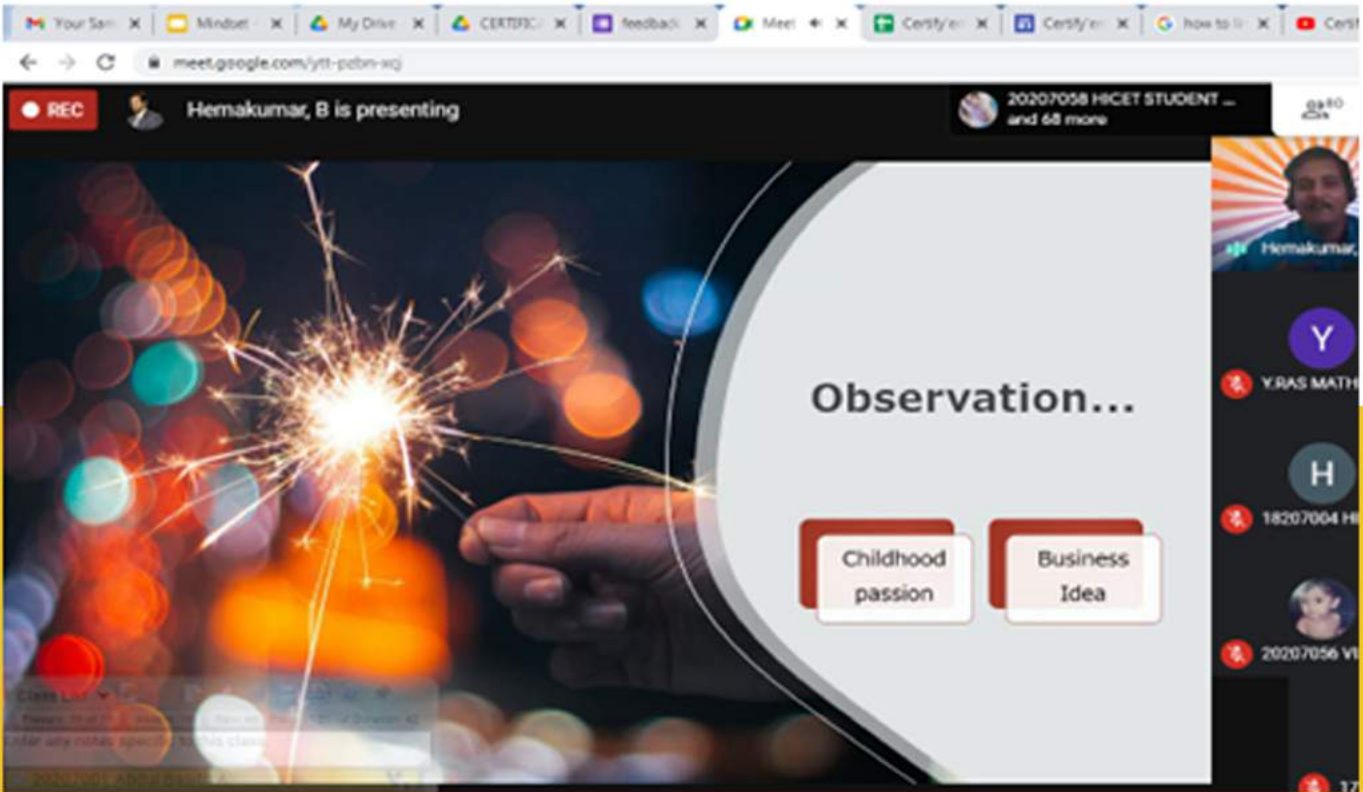




Our department organized a webinar on “**Developing an Entrepreneurial Mindset in Young Minds**” on 11th January 2021. The webinar was handled by, Dr.B.Hema Kumar, Assistant Professor, Electronics and Instrumentation Engineering Puducherry Technological University, Pondicherry, India. Students learnt to convert idea into reality. They were given tips of how to identify the product for the customers.



SCREENSHOT OF SPEAKER PRESENTATION TO THE PARTICIPANTS



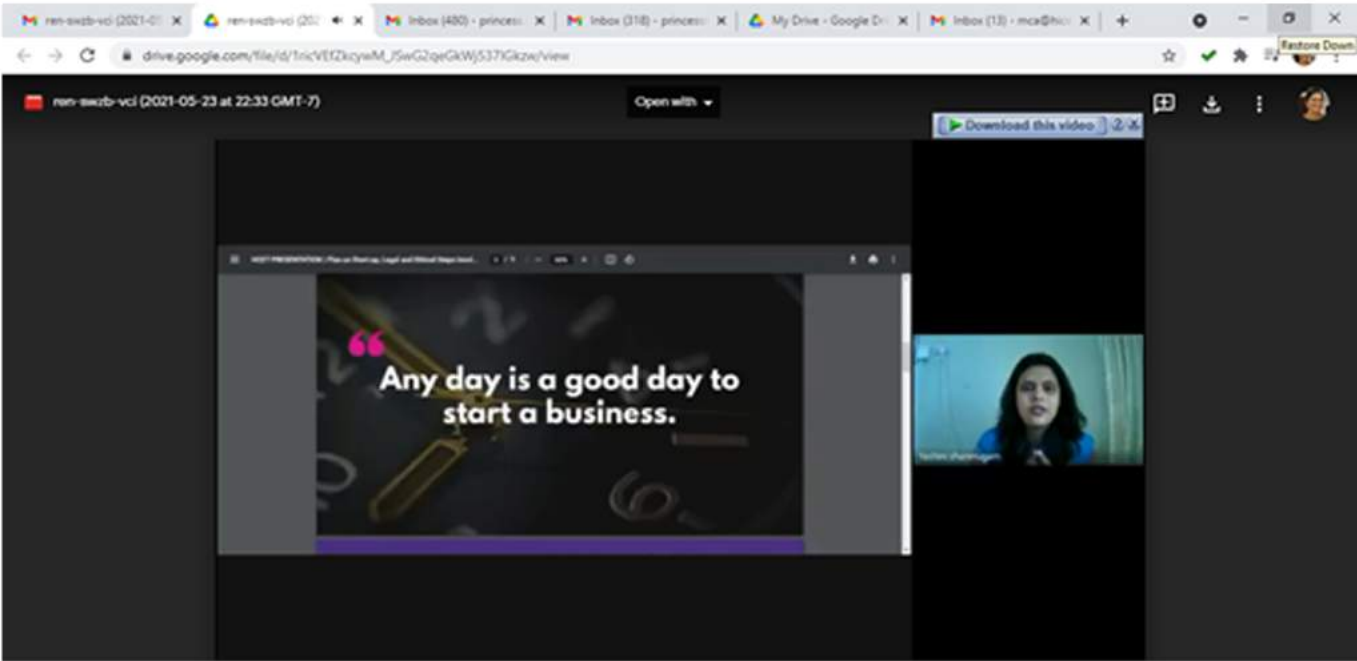
SPEAKER DISCUSSING ABOUT HOW AN IDEA CAN BE GENERATED FOR A NEW VENTURE



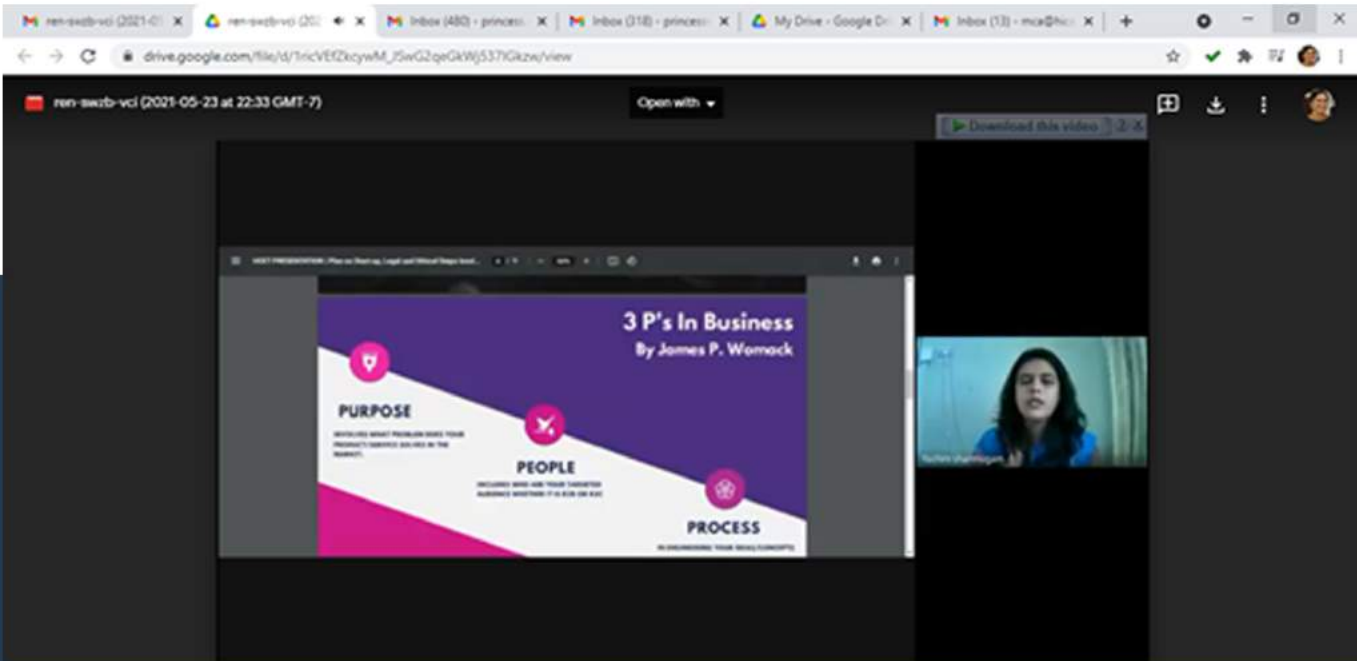


Our department organized a webinar on “**How to plan on start-up and legal & ethical steps**” on 24th May 2021. The session was handled by, Yazhini Shanmugham, Founder, Ticket 9, Director, Aveniron Technocrop Solutions Pvt. Ltd. Coimbatore.

The students were taught about the basic steps required to plan a start-up. How to build a valuable business, to form teams and individuals to carry out work. They were also informed about Legal steps involved in start-up.



SCREENSHOT OF SPEAKER ADDRESSING THE PARTICIPANTS

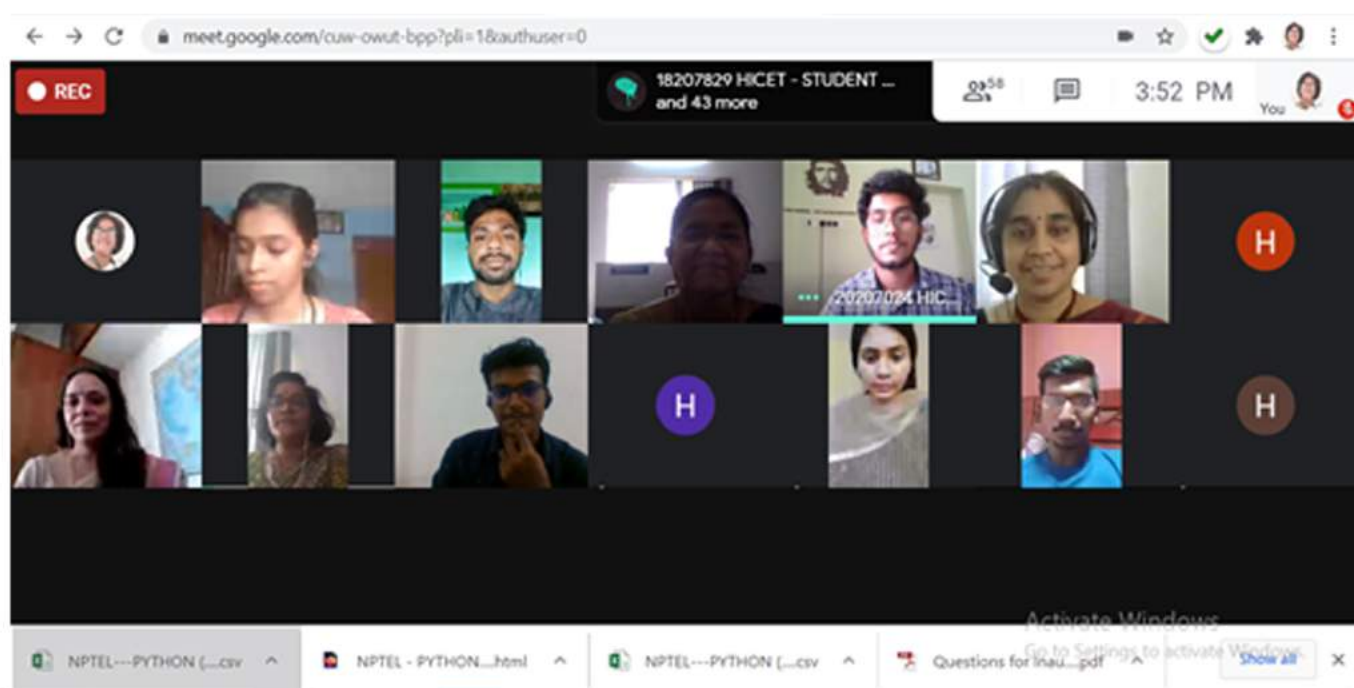


SPEAKER DISCUSSING ABOUT BEGINNING A START UP

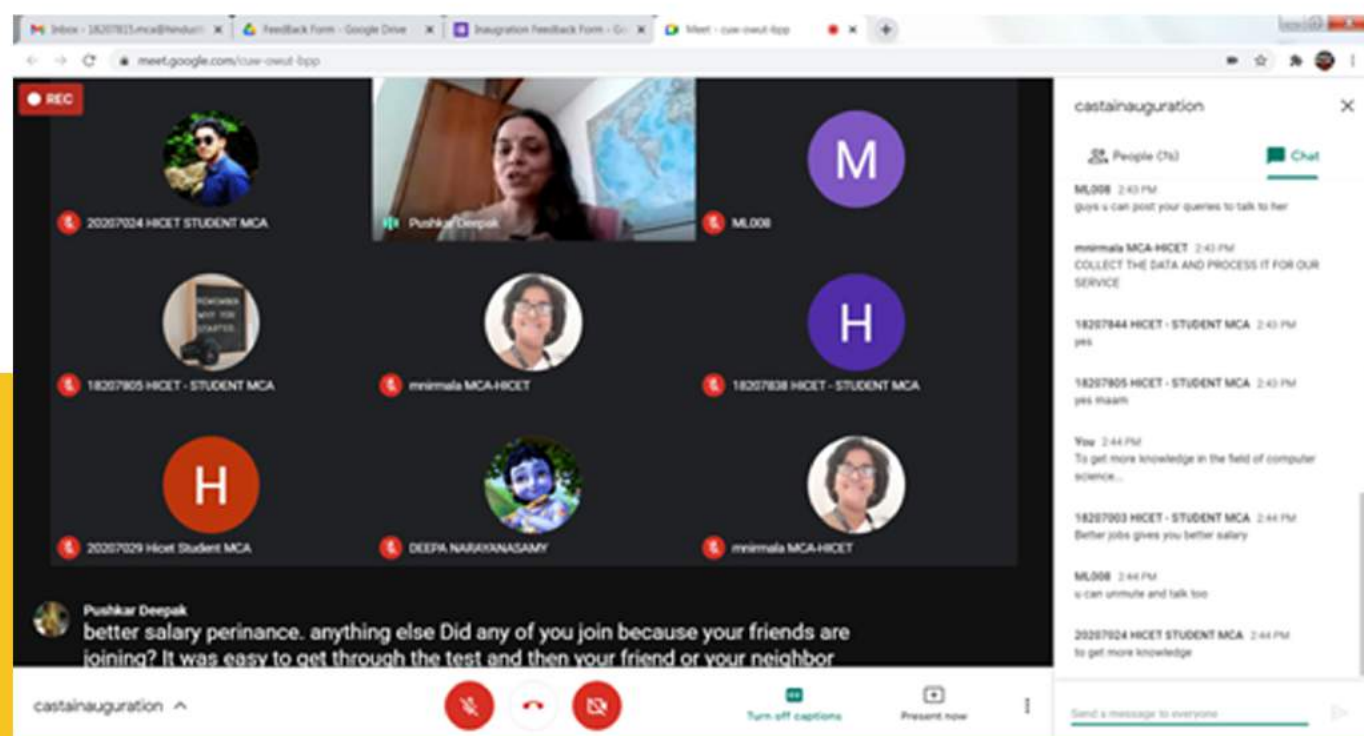


Our Department organized a Guest Lecture on **Importance of coding skill** in online mode on 5th November 2020, the session was handled by Mrs.Deepa Vaitheeswaran, Business Owner, Kaivalya Tech Services, Pondicherry.

Students were explained about the Difference between Coding and Programming. Students were asked to code and learn the basic terminologies of a programming language.



SCREENSHOT OF PARTICIPANTS OF THE WEBINAR

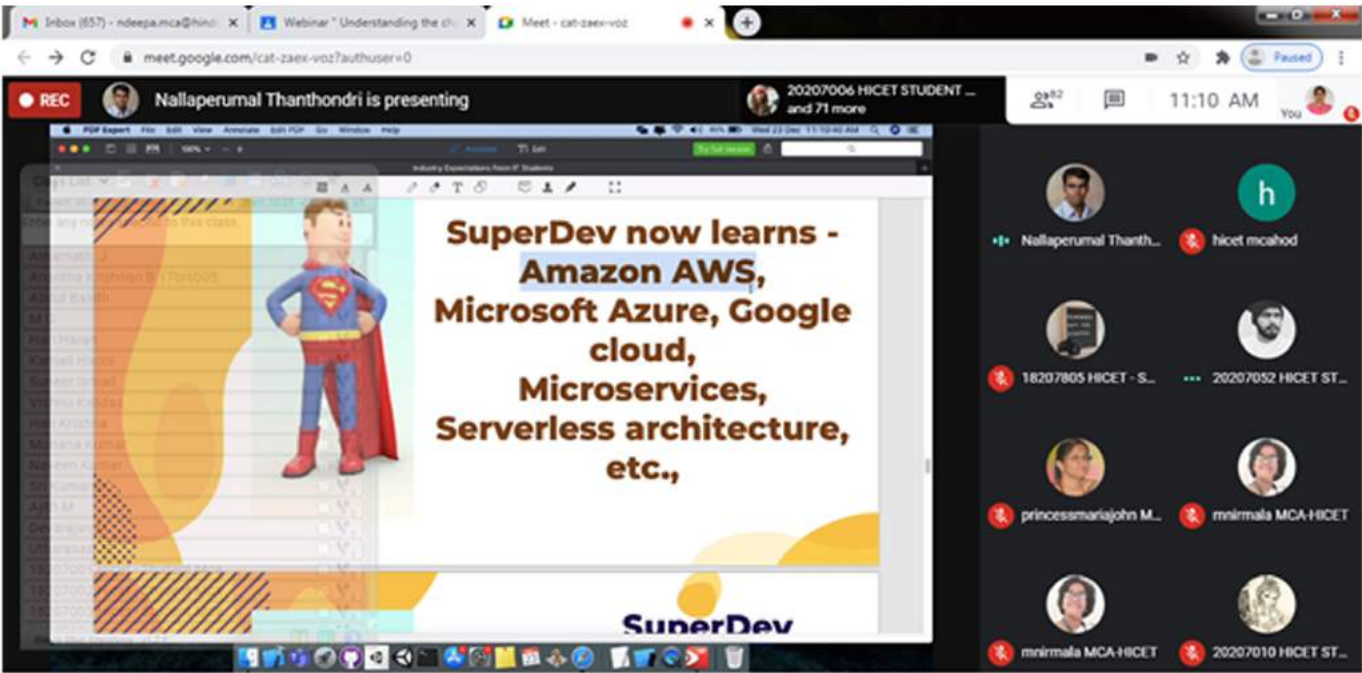


SCREENSHOT OF THE GUEST ADDRESSING THE PARTICIPANTS

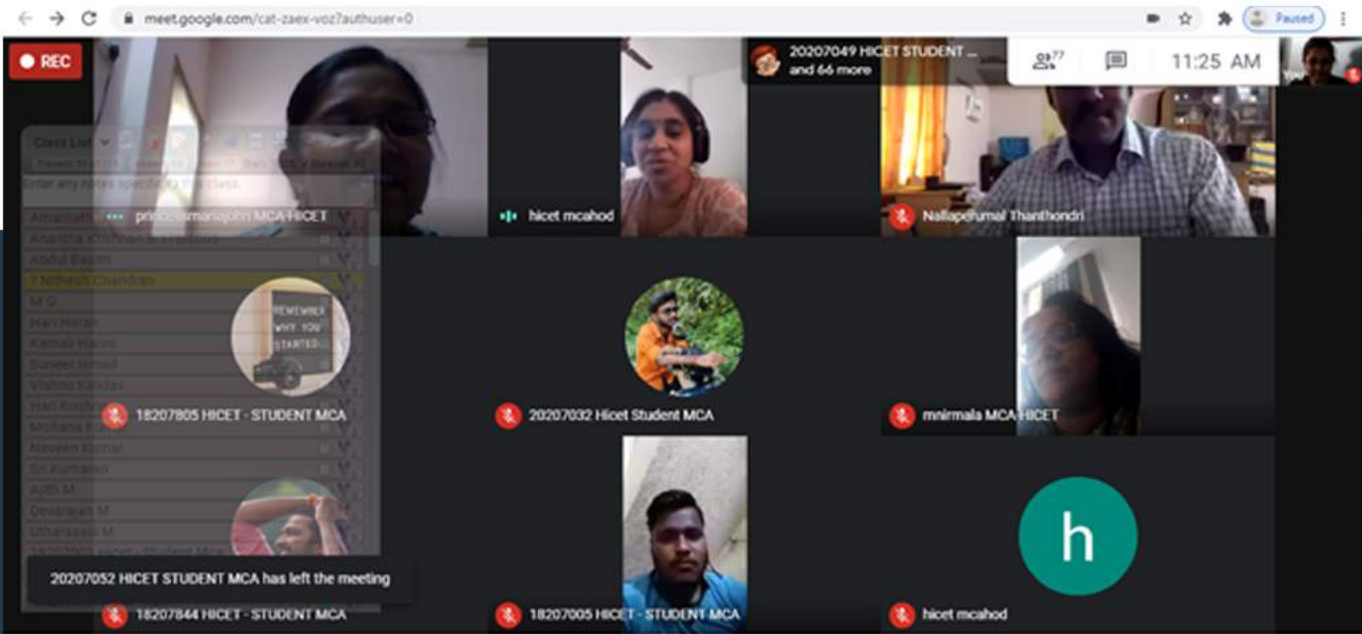




The Department organized a Webinar of “**Industry Expectation from IT Students**” on 23rd December 2020. The webinar was handled by Nallaperumal T, Co-Founder & Technical Lead, Appvile Software, Coimbatore. The helped the students to have a wider idea of what are expected out of them when they enter an IT career. They gained knowledge regarding latest coding languages and their recent day trends.



SCREENSHOT OF SPEAKER’S PRESENTATION



SCREENSHOT OF PARTICIPANTS OF THE WEBINAR





S.No	NAME OF THE FACULTY	JOURNAL		TOTAL
		NATIONAL	INTERNATIONAL	
1.	DR.A.R.JAYASUDHA	1	1	2
2.	DR.R.LAKSHMANAKUMAR	7	1	8
3.	PRINCESS MARIA JOHN	-	1	1
4.	N.DEEPA	-	1	1
TOTAL		8	4	12

DETAILS OF THE FACULTY MEMBERS ATTENDED TRAINING ON BOTH INDUSTRY AND ACADEMIA

S.No	DATE	NAME OF THE FACULTY	NAME OF THE INDUSTRY
1.	6/6/2020-13/6/2020	DR.A.R.JAYASUDHA	INFOSYS

FACULTY MEMBERS AWARDED IN THE CURRENT ACADEMIC YEAR

S.No	NAME OF THE FACULTY	PDF/PHD
1.	DR.R.LAKSHMANAKUMAR	AWARDED PDF

DETAILS OF DEPARTMENT CLUB ACTIVITIES

S.No	NAME OF THE CLUB	NAME OF THE FACULTY	NAME OF THE INDUSTRY
1.	HIKRA	NIRMALA M	ART & CRAFT





DETAILS OF ONLINE COURSES COMPLETED BY THE FACULTY MEMBERS

S.No	NAME OF STAFF	TITLE OF THE COURSE	PLATFORM
1.	Dr.A.R.JAYASUDHA	1.AWS Fundmaents: Going Cloud- Native 2.C For Everyone : Programming Fundamentals 3.Spveak English Professionally in Person,Online & on the Phone	COURSERA
2.	M. NIRMALA	1.A Life of Happiness and Fulfillment 2.AI for Everyone 3.Create Your First Chatbot with Rasa and Python 4.Introduction to Python 5.Positive Psychology 6.Processing Data with Python 7.Machine Learning Pipelines with Azure ML Studio 8.Python Programming Essentials	COURSERA
3.	PRINCESS MARIA JOHN	1.Cloud Computing Basics (Cloud 101) 2.Positive Psychology 3.AI for Everyone 4.Leadership and Emotional Intelligence	COURSERA
4.	N. DEEPA	1.Leadership and Emotional Intelligence 2.AI for Everyone 3.Positive Psychology	COURSERA





# ACADEMIC TOPPERS

*Details*



**MUHAMMED AMAL K**

**CLASS & SECTION : I MCA**

**PERCENTAGE : 9.52**

**MEGHNA V**

**CLASS & SECTION : I MCA**

**PERCENTAGE : 9.40**



**UTHARA M**

**CLASS & SECTION : I MCA**

**PERCENTAGE : 9.40**

## EDITORIAL



**EDITOR IN CHIEF**

*Dr.A.R.Jayasudha  
HoD/MCA*

**EDITOR**

*Mrs.Princess Maria John  
AP/MCA*



**STUDENT EDITOR**

*Mr.M. Mohamed Shameem  
I MCA 2020 Batch*