



**NEW HORIZON**  
**COLLEGE OF ENGINEERING**

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC  
Accredited by NBA and NAAC with Grade "A"



# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## NEWSLETTER



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR: 2020-2021  
JULY 2020- DECEMBER 2020

VOLUME 1



Dear Readers,

We are more than enthralled to announce the release of our Newsletter for the Academic Year 2020-2021, Volume-1.

"Little Drops of Water Make the Mighty Ocean", a saying we witness coming true each day. Our newsletter is just a droplet in the ocean that has already begun to form. This semester has been a successful one, a fact that will get lighter once you read this newsletter. I would like to heartily thank all the students and faculty for putting their heart and soul into this Newsletter. The editorial team deserves a special mention for their immense hard work! This newsletter will throw light on the events held by the Department of Computer Science and Engineering, achievements, the extra-curricular, co-curricular and academic success of the students and the faculty.

**Dr. B. Rajalakshmi**

HOD-CSE

Dear All,

Technology has been growing so exponentially over recent years, there has been a steady increase in demand for bright graduates to come in and help to transform areas ranging from data infrastructure to cyber security. It is important to stay up to date with the latest trends in computer science research, to make an informed choice about where to head next. I am happy to note that Department of Computer Science and Engineering is bringing out a newsletter. I am sure that this newsletter will bring value for all the students and readers who are interested in the area of Computer Science in form of latest developments made in technology. I wish, the department all the best for the publication of the Newsletter and in all their future endeavours.

**Dr. Manjunatha**

Principal

# STUDENT ACHIEVEMENT

First Drive : **03-07-2020**

CSE department is elated to inform that 7 students have been selected by **LOWES INDIA** as Software Engineers with a special salary package of **Rs. 19.14 LACS per annum.**

7 CSE Students who have been selected are:

- 1) Divya
- 2) Lakshmi Manivannan
- 3) Aishwarya Kadali
- 4) Jehan K Engineer
- 5) Aayush Soni
- 6) Akshay Kumar R
- 7) Anurag R

Second Drive : **14-07-2020**

Another set of 4 students from CSE got hired by **LOWES INDIA** as Software Engineers with a special salary package of **Rs. 19.14 LACS per annum .**

- 1) B Thoran Raj
- 2) Nishan Giri
- 3) Saloni Raj
- 4) Roshini S

# FACULTY ACHIEVEMENT

**Ms. Suganya**, Sr. Assistant Professor of CSE department has published a review paper in the **SCOPUS INDEXED** journal International **Journal of Engineering Trends and Technology – Special Issues July - ICT 2020** titled **"On the Review of Dehazing Methods for Bad Weather Images"**.

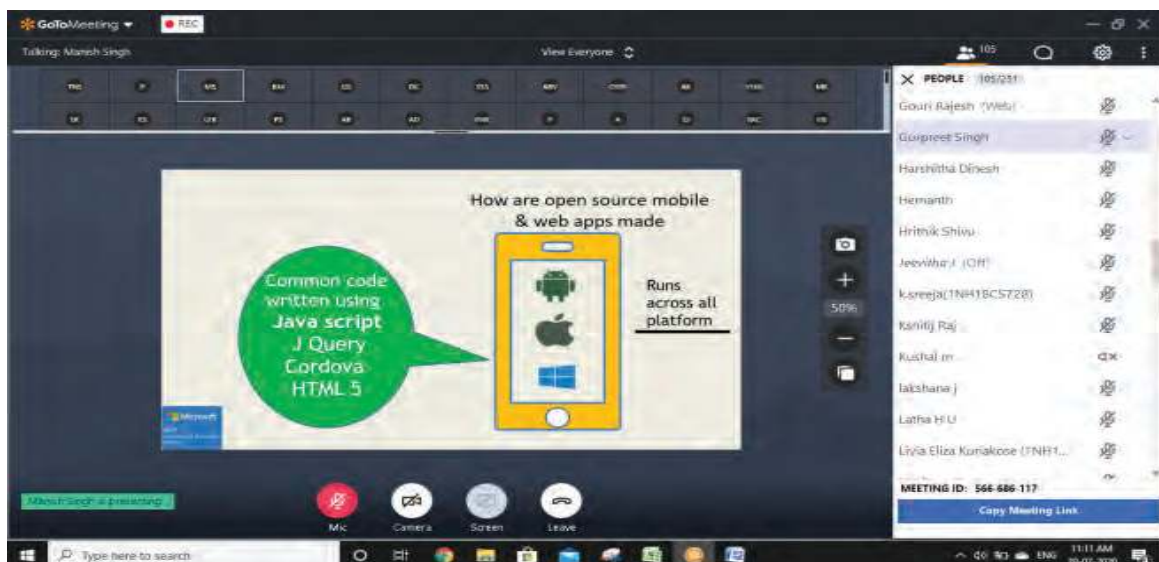
This paper reports the collective review on the proposals from the literature related to image enhancement in outdoor scenes. Images captured in natural environment are subject to bad weather conditions including haze, mist and fog which would spoil the appearance of images. Edge, contrast and brightness are the features usually affected in an image because the fog pixels blur total scene and spoil the edges. Results from earlier works were compared based on the Peak Signal to Noise ratio, Structural Similarity index metric, Percentage of saturated pixels, Visible Edges ratio, and Perceptual haze density metrics.





# WEBINAR

Department of Computer Science and Engineering, Department of Information Science and Engineering and Industry Institute Interaction Cell in association with ATS Learning Solutions organized Webinar on **"MICROSOFT CERTIFICATION RELATED TO CPMA (Cross Platform Mobile App Development)"** for 4<sup>th</sup> semester students on 30-7-2020. A brief introduction part on training related to Cross Platform Mobile Application Development was clearly explained. Then the importance of this certification course and its career opportunities regarding to this training was elucidated.



# WEBINAR

The Department of Computer Science and Engineering in association with Industry Institute Interaction Cell of NHCE and IBM OpenPOWER Center of Excellence organized "Architecture innovations in POWER ISA v3.01 and POWER10" on 03-09-2020. The invitee talk was given by Mr. Satish Kumar Sadasivam. Mr. Satish Kumar Sadasivam is a Senior Performance Architect who leads the workload characterization and future architecture design space exploration team in IBM. The Program Panellists were:-

- Mr. Arjun Nag, VLSI Technology Leader, TCS
- Mr. Srinivas Rao, AVP Design Engineering, Tessolve
- Mr. Arghya Das, Assistant Professor, University of Wisconsin

3rd, 5th and 7th semester students and faculties from CSE, attended the session and got benefited.

**NEW HORIZON COLLEGE OF ENGINEERING** 50th Anniversary **OpenPOWER**

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING AND INDUSTRY INSTITUTE INTERACTION CELL, DEPT OF HRD PRESENTS

## Architecture innovations in POWER ISA v3.01 and POWER10

Featuring Talks  
**Satish Sadasivam (IBM)**  
**POWER10 & POWER ISA v3.01**

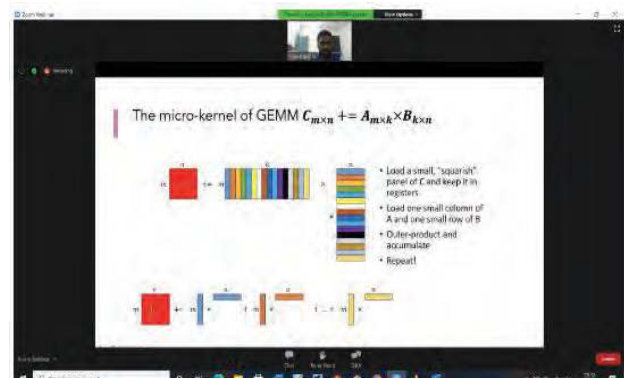
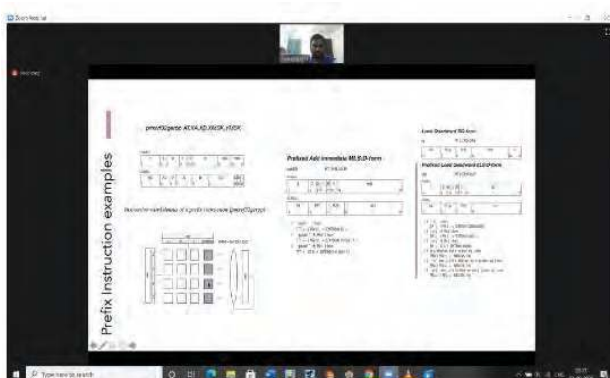
Panelist

1. **Arjun Nag** (VLSI Technology Leader, TCS)
2. **Srinivas Rao** (AVP Design Engineering, Tessolve)
3. **Dr. Arghya Das** (Assistant Professor, University of Wisconsin)

**CONVENORS** **Dr. B. RAJALAKSHMI** (HOD-CSE, NHCE) **Mr. RANJAN MANISH** (HEAD IIC, NHCE)

Sep 3rd (10:00 am EST / 4:00 pm CEST / 7:30 pm IST)  
[https://zoom.us/webinar/register/WN\\_qe\\_MOUlJT6W9ZdQb123XIA](https://zoom.us/webinar/register/WN_qe_MOUlJT6W9ZdQb123XIA)

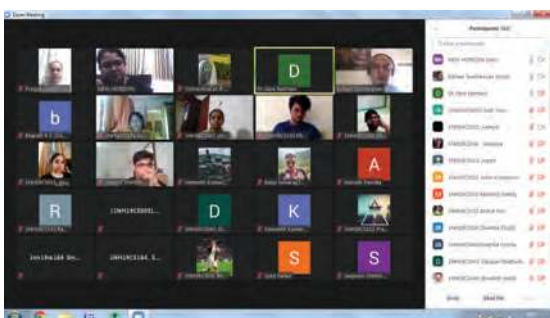
E-Certificate will be provided to all the attendees



# MOTIVATIONAL TALK

The Department of Computer Science and Engineering in association with CSI Student chapter organized Online motivational talk on the topic "The COVID-19 opportunity: Making the best of the Pandemic" for 3rd semester A and D section students on 25-09-2020 from 2.00 PM to 4.00 PM. Resource person was Mr. Eshwar Sundaresan, writer / life skill trainer / counsellor from Bangalore. Total 47 students participated and got benefit from this. Some topics addressed were:

- Spheres of life: During this pandemic, what to be focused and what to be given less importance.
- The Eisenhower Matrix for tasks: How to identify important tasks using 4 Quadrants?
- Commuting time: How students can utilize this extra time for productive work?
- Programmed versus non programmed decisions
- Balancing the indoors and the outdoors
- Types of motivators
- The importance of boredom
- Social media during the pandemic
- Addressing fears
- Simple ways to stay positive



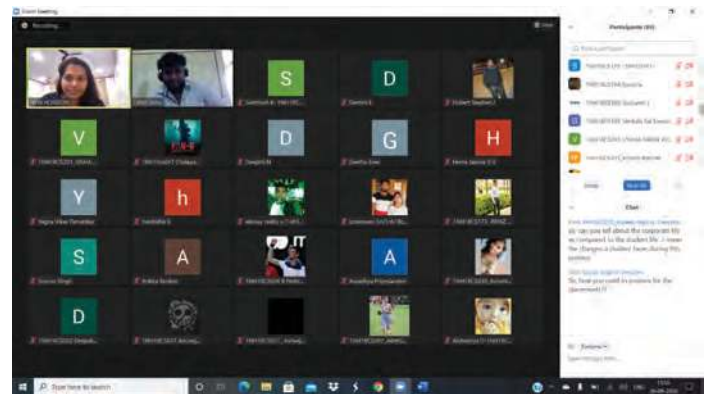


# ALUMNI TALK

The Department of Computer Science and Engineering in association with CSI Student chapter organized Online ALUMNI TALK" on 26-09-2020 from 10AM to 12PM. The event comprised of 2 sessions – one for 3<sup>rd</sup> semester students and another one for 5<sup>th</sup> semester students. The invited alumni speakers for the event are:

1. Ms. Archana Udayashankar – Currently working as Business Systems Analyst at VMware Software India Private Limited. She was the speaker for the first session addressing CSE 3<sup>rd</sup> Semester students on the topic "Demystifying Campus to Corporate" from 10-11AM. Over 80 students from 3<sup>rd</sup> semester joined the meet. The session was really interactive where students were eager to know about the challenges their seniors faced while transitioning from campus to corporate life.

2. Mr Dilish Babu J- Currently working as Verification and Validation engineer at Veonner India Pvt Limited, Bangalore. He was the speaker for the second session addressing CSE 5<sup>th</sup> Semester students on the importance of Software Testing. 100 students from different sections of 5<sup>th</sup> semester joined the meet. The session was really interactive where students were eager to know about the challenges their seniors faced while transitioning from campus to corporate life.



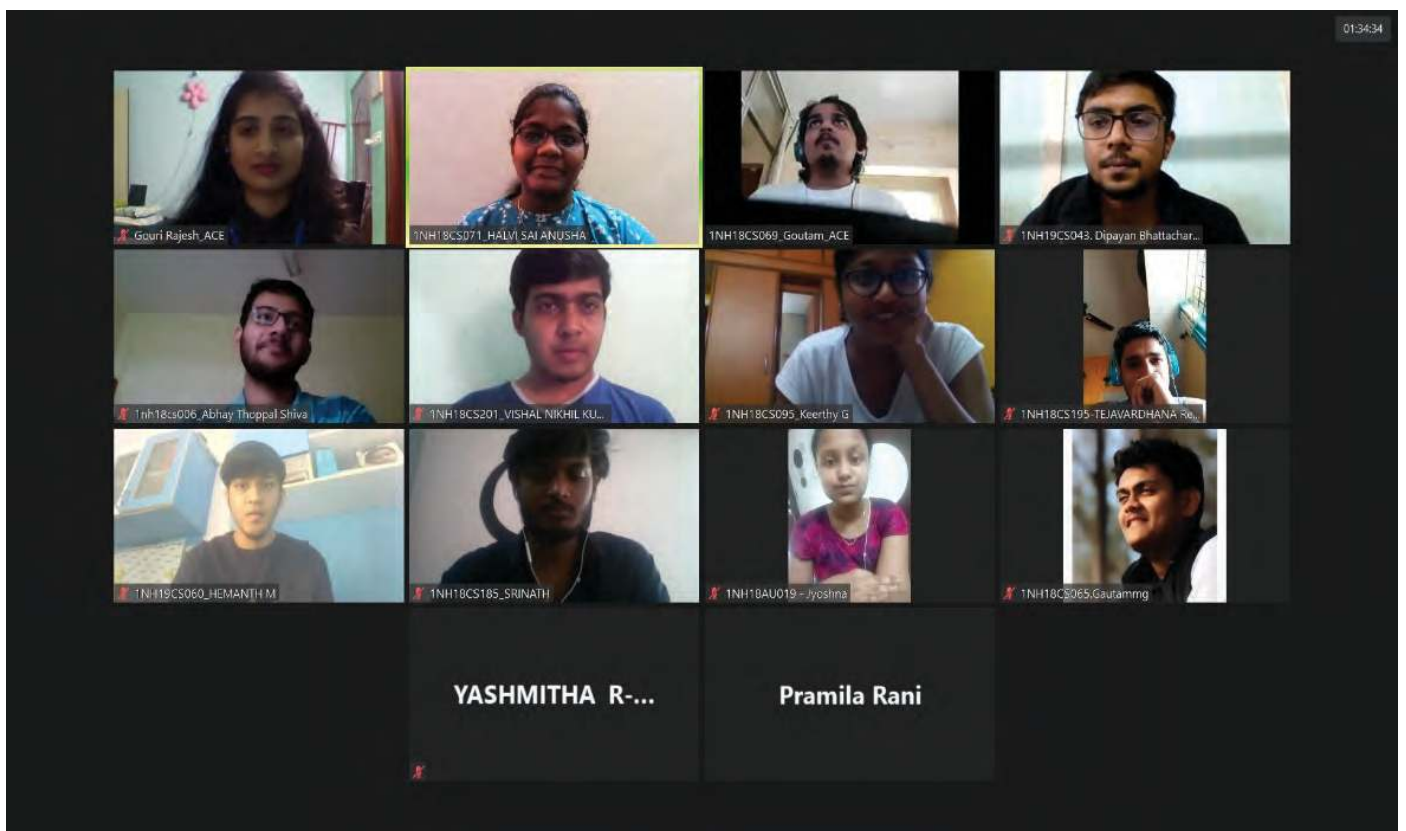


# CLUB EVENT – ACE THE SPACE

The event "Ace the Space" was conducted on 9-10-2020. It was a technical challenge which consisted of two rounds-

Round 1: A fun technical quiz based on emerging technologies, code debug, decryption and much more.

Round 2: Ideathon, where participants presented and marketed their unique ideas along with methodology of implementation on their choice of current world problem statements. It was followed by a brief Q & A session by the judges and discussion on how the other ideas can be improved.



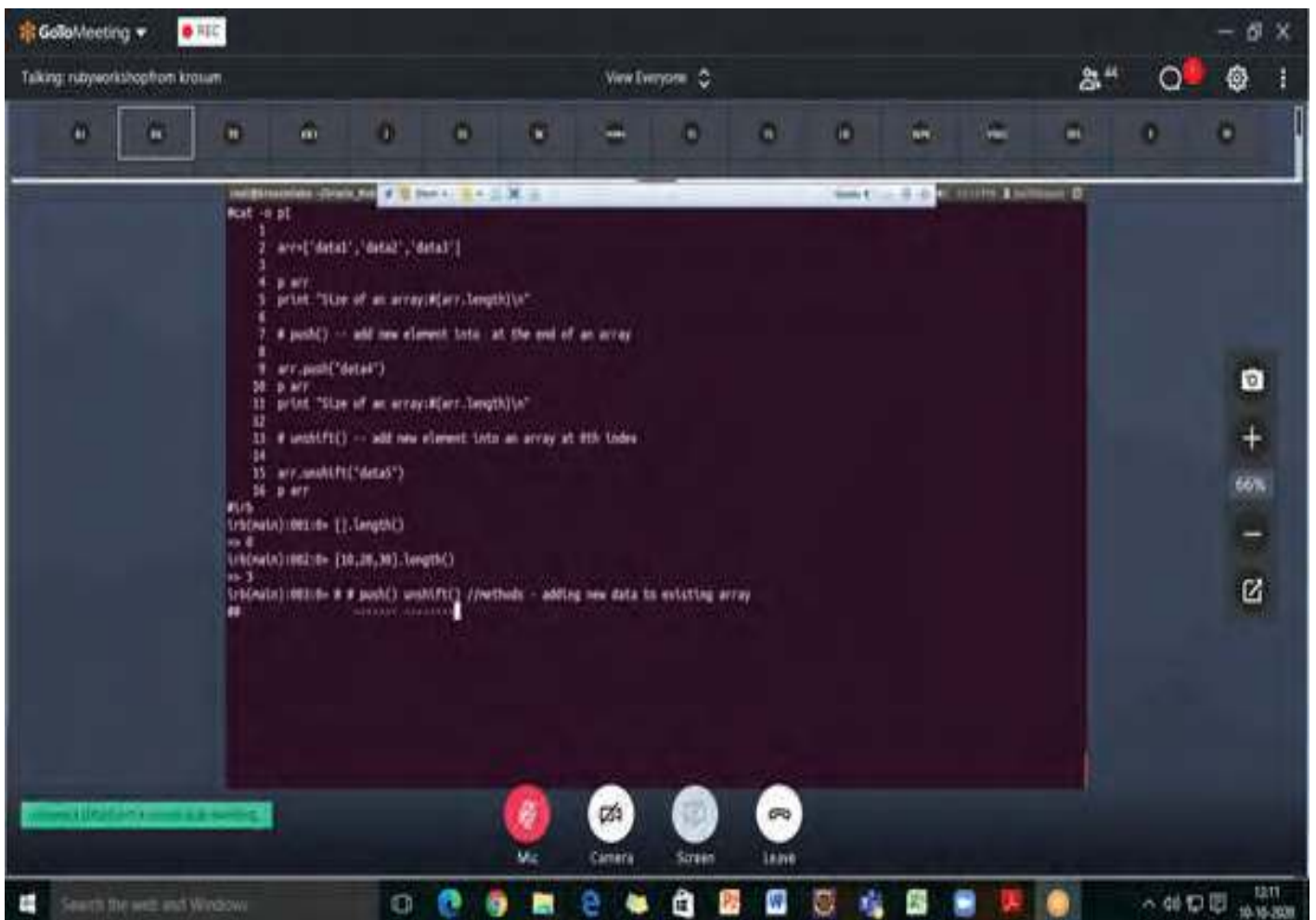
# GLOBAL ALUMNI MEET

The Department of Computer Science and Engineering organized a Unique Global Alumni Meet on 10-10-2020 from 10:00 a.m. to 1:00 p.m. Meet had 100+ prestigious Alumni from 2010 batch onwards connecting through Google Meet from India, Dublin-Ireland, Ottawa-Canada and Switzerland. The event was nostalgic with loads of fun, music, dance, games & laughter and the Alumni also shared their experiences. Our Principal addressed the Alumni on the occasion of Golden Jubilee Celebrations



# WORKSHOP FOR STUDENTS

The Department of Computer Science and Engineering in association with Computer Society of India arranged a hands-on workshop on 10-10-2020 for 5<sup>th</sup> semester CSE students on Role of Ruby in Web Applications. The resource person was Mr. Karthikeyan, Technical Consultant, Krosium Labs Bangalore.



The screenshot shows a GoToMeeting interface with a terminal window displaying Ruby code and its output. The code demonstrates array operations: creating an array, printing its length, pushing an element, and unshifting an element. The output shows the array length increasing from 3 to 4 after the push operation.

```
mac@mac:~$ cat -e pt
1
2 arr=['data1','data2','data3']
3
4 p arr
5 print "Size of an array#{arr.length}\n"
6
7 # push() -- add new element into at the end of an array
8
9 arr.push("data4")
10 p arr
11 print "Size of an array#{arr.length}\n"
12
13 # unshift() -- add new element into an array at 0th index
14
15 arr.unshift("data5")
16 p arr
17
18 #/rb
19 $ ruby -e "puts [1,2,3].length"
=> 3
20 $ ruby -e "puts [1,2,3,4].length"
=> 4
21 $ ruby -e "puts [1,2,3].length; puts [1,2,3,4].length" //method - adding new data to existing array
=> 3
=> 4
```

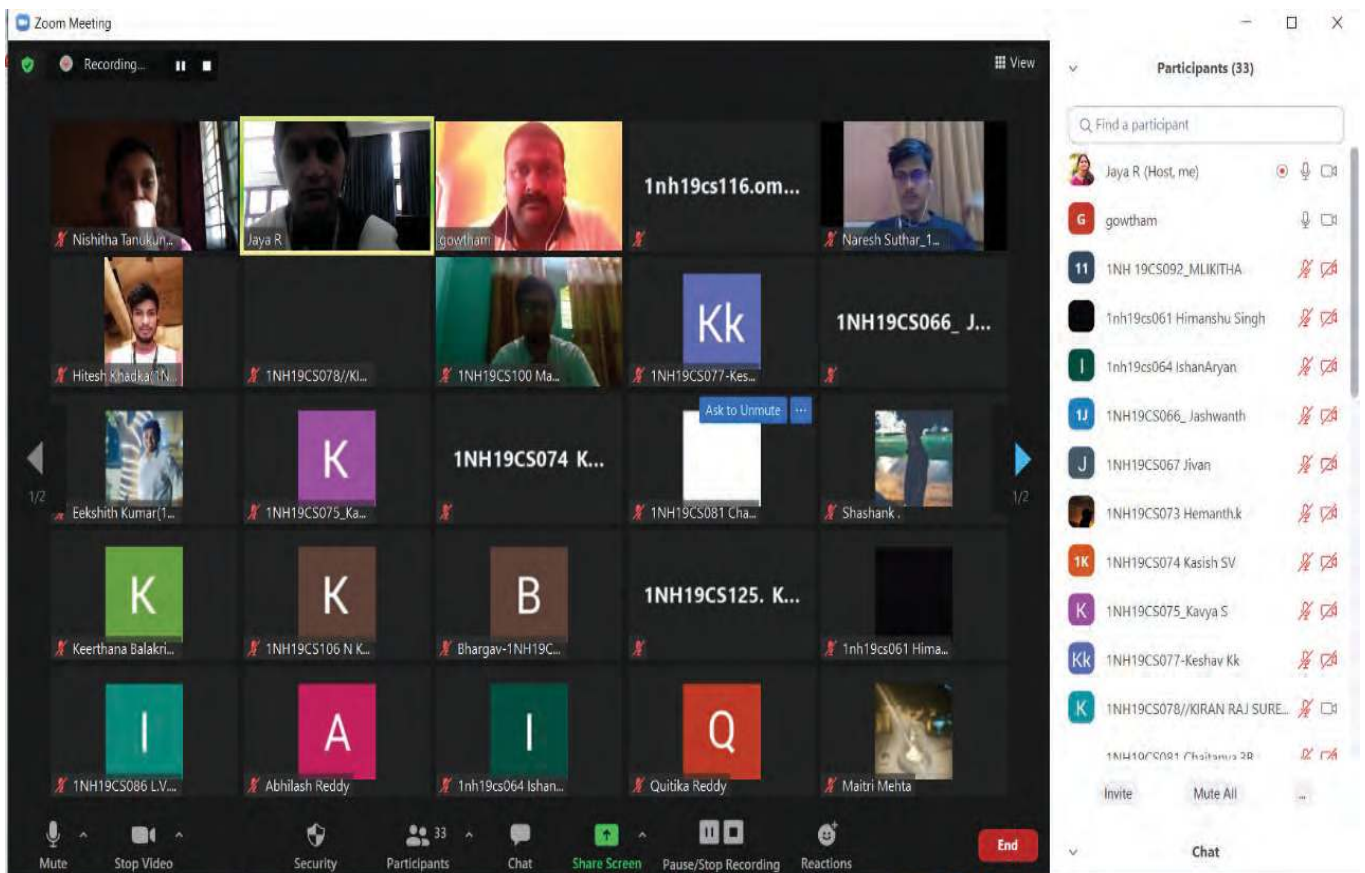


# EXPERT LECTURES

The Department of Computer Science and Engineering arranged the following expert lectures from industry for students on 10-10-2020.

(1) Concept of subnetting in networks for 5th semester CSE "A" section by Mr.Karthik.V, Support Engineer, Infinite Computer Solutions

(2) 5G Technology for 3rd Sem CSE "B" section by Mr.Vinoth, Sr. QA Engineer, CISCO Systems



# FACULTY AWARD

Extremely happy to inform that Dr. R. Jaya, Associate Professor, Department of Computer Science and Engineering has received **Vedant Educator Excellence Award** for the year 2020 under the winner in Category 2 on 15-10-2020. Top most educational institutions in India like IISc, IIT, BITS have also taken part. The Vedant Educator Excellence Award has been created for recognizing best educators from all over the country.



www.vedant.org.in Vedant Foundation - Rajkot. Trust Registration No. F/3750/Rajkot

# CLUB EVENT - APPTRONICS 2.0

The Mobile App Development club conducted an event Apptronics 2.0 on 15-10-2020. The event had three rounds namely, Quiz time (consisting of technical MCQ), Quick Pic (Pictionary round) and the Final Battle (consisting of both, MCQs and Pictionary). All the participants were connected using Zoom and the rounds were conducted using "Quiziz" site. The winners of the event were - Shivanand G Prabhu (1st position) from CSE department, Jyoshna G.V (2nd position) from Automobile Engineering department and Manohar Kanth(3rd position) from CSE department.

The screenshot shows the Quizizz interface during a live quiz session. The top bar displays '451 932' and '30% Accuracy'. A 'Leaderboard' is visible with 22 participants. The top 4 participants are listed with their names, email addresses, and scores.

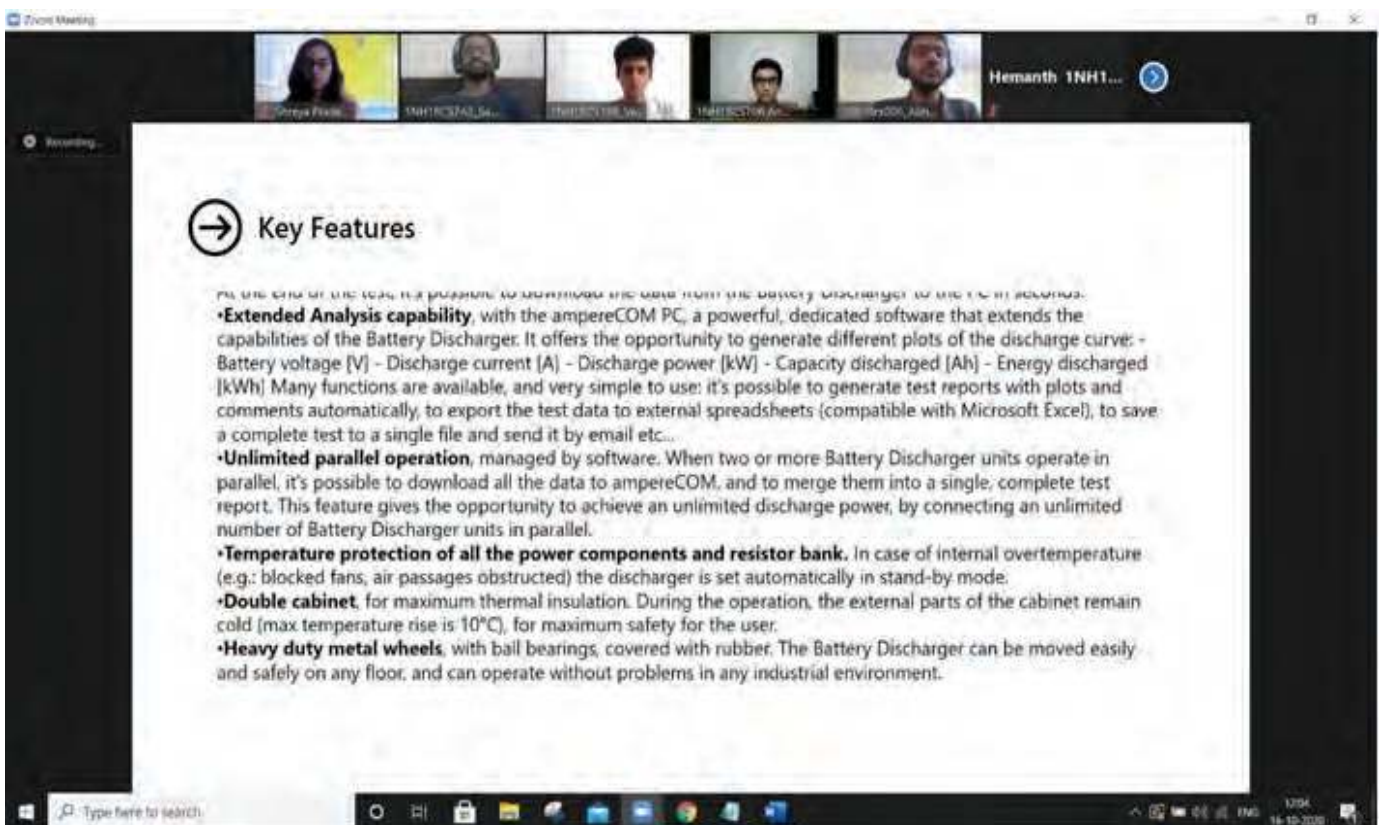
Rank	Name	Points
1	rewanthchakraborty777@gmail.com	1750
2	harshikaranw2000@gmail.com	940
3	kritha2525@gmail.com	930
4	gauthamsaleet3@gmail.com	900

On the right side, a list of participants is shown with their names and scores. The names are partially visible and include: 19H17CS728-4D., 19H18CS744- Shivanand G Pra., 19H17CS722-HARIBHISHANAN, 19H17CS743, SaravaniKumarB, 19H17CS754, Vinay S., 19H18AUT19 - Jyoshna, 19H18a086, gopikrishna br., 19H18CS068, Gouraj Rajesh, 19H18CS079, jayalakshmi, 19H18a085, Keerthy G, 19H18CS123 Naliniakshi, 19H18CS153 Dhanush, 19H18CS207, Kishan Rajesh, 19H18CS706 Anil Datta, 19H18CS710 - Aman.



# CLUB EVENT - BITS OF BIZ

The Department of CSE conducted the Club Event "Bits of Biz" for 3rd and 5th semester CSE students on 16-10-2020. The main aim of the event was to promote the spirit of entrepreneurship among engineering students. The two rounds of this event consisted of an Aptitude test and a Product Sales Presentation. This in turn helped in promoting leadership and public speaking skills among the students. Despite these trying times, it is important to encourage students to showcase their technological talents and business skills.



The image shows a Zoom meeting window with a presentation slide titled "Key Features". The slide lists several features of a Battery Discharger:

- **Extended Analysis capability**, with the ampereCOM PC, a powerful, dedicated software that extends the capabilities of the Battery Discharger. It offers the opportunity to generate different plots of the discharge curve: - Battery voltage [V] - Discharge current [A] - Discharge power [kW] - Capacity discharged [Ah] - Energy discharged [kWh] Many functions are available, and very simple to use: it's possible to generate test reports with plots and comments automatically, to export the test data to external spreadsheets (compatible with Microsoft Excel), to save a complete test to a single file and send it by email etc...
- **Unlimited parallel operation**, managed by software. When two or more Battery Discharger units operate in parallel, it's possible to download all the data to ampereCOM, and to merge them into a single, complete test report. This feature gives the opportunity to achieve an unlimited discharge power, by connecting an unlimited number of Battery Discharger units in parallel.
- **Temperature protection of all the power components and resistor bank**. In case of internal overtemperature (e.g.: blocked fans, air passages obstructed) the discharger is set automatically in stand-by mode.
- **Double cabinet**, for maximum thermal insulation. During the operation, the external parts of the cabinet remain cold (max temperature rise is 10°C), for maximum safety for the user.
- **Heavy duty metal wheels**, with ball bearings, covered with rubber. The Battery Discharger can be moved easily and safely on any floor, and can operate without problems in any industrial environment.

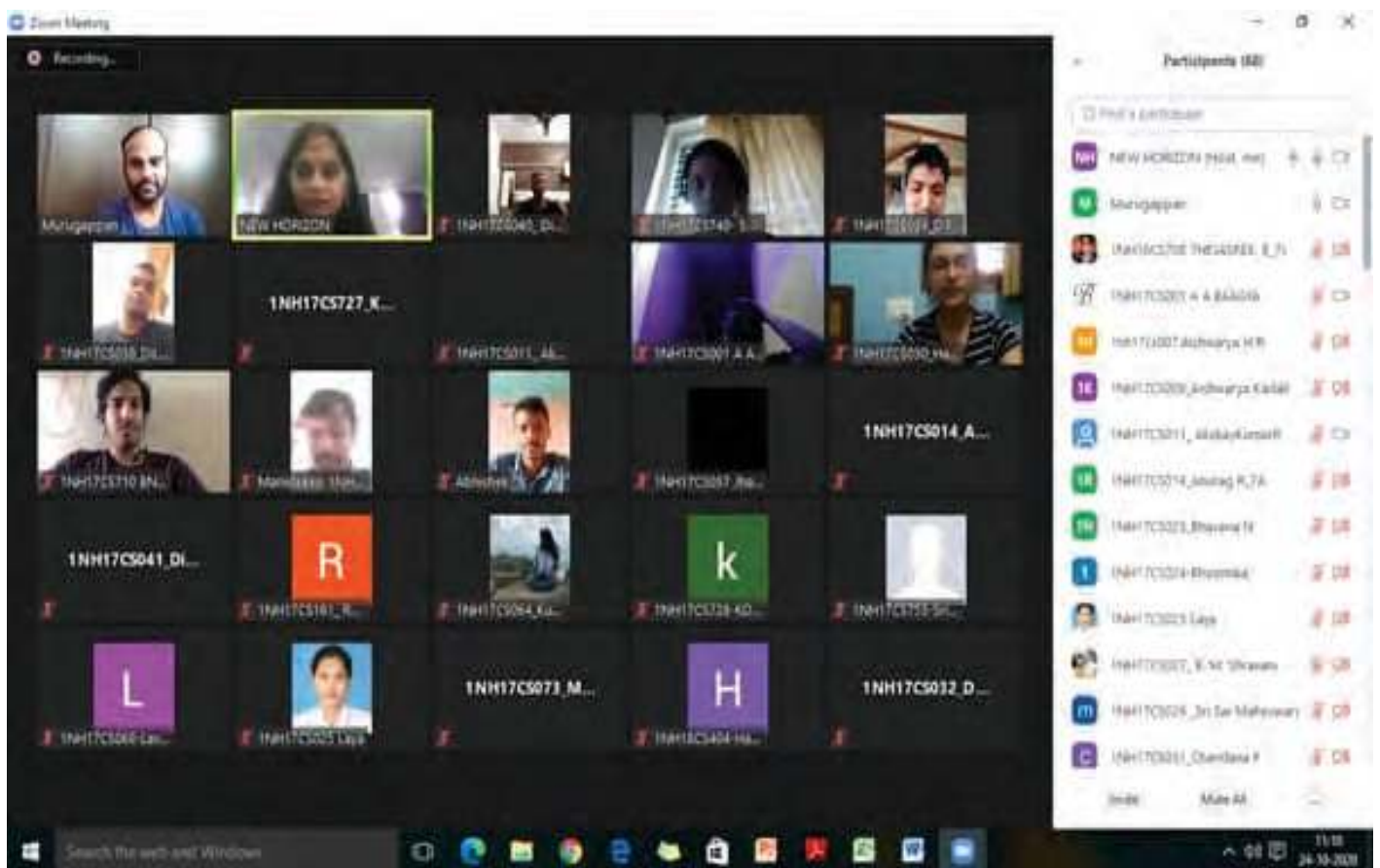
# EXTENSION PROGRAM

The Department of Computer Science and Engineering organized an extension program on 24-10-2020. As a part of that Ms. Yogitha and Dr. Clara, Faculty Members of the department of CSE went to Namma Mane girl's orphanage to spread awareness on the topic "Role of Computer in today's World". The program was very successful. They distributed sweets and necessary items to them.



# EXPERT LECTURE

The Department of Computer Science and Engineering organized an expert lecture on Agile Technologies for the 7th semester 'A' and 'C' section students on 24-10-2020. The Resource person was Dr. Murugappan, Agile Coach, Infosys, Chennai. The topic was relevant and students benefitted with the novel agile technology use methodology.

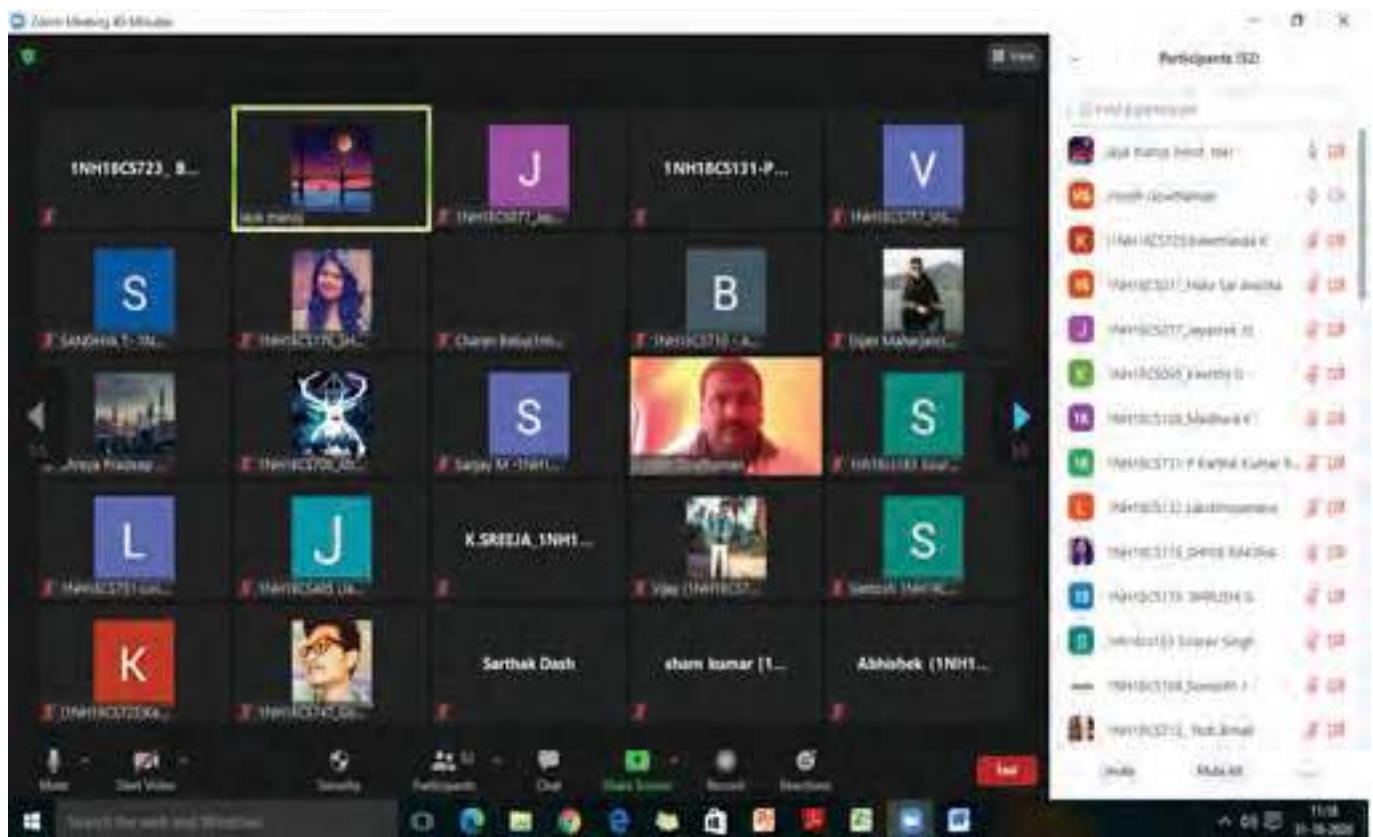




# EXPERT LECTURE

The Department of Computer Science and Engineering arranged the following expert lectures from industry for 5th and 7th semester students on 31-10-2020.

- (i) Lecture on "Importance of Automation Testing" for 7th semester CSE "A," "B" and "C" sections by Mr. Vivekananda, Automation Engineer, Micro Focus, Bangalore. He explained how automation testing is carried out using Selenium and TestNG.
- (ii) Lecture on "Basic concepts of Networking" for 5th semester CSE "D" and "C" sections by Mr. Vinoth Goutham, Senior QA Engineer, Bangalore. He explained how internet works & basic concepts of IPv4 protocol.

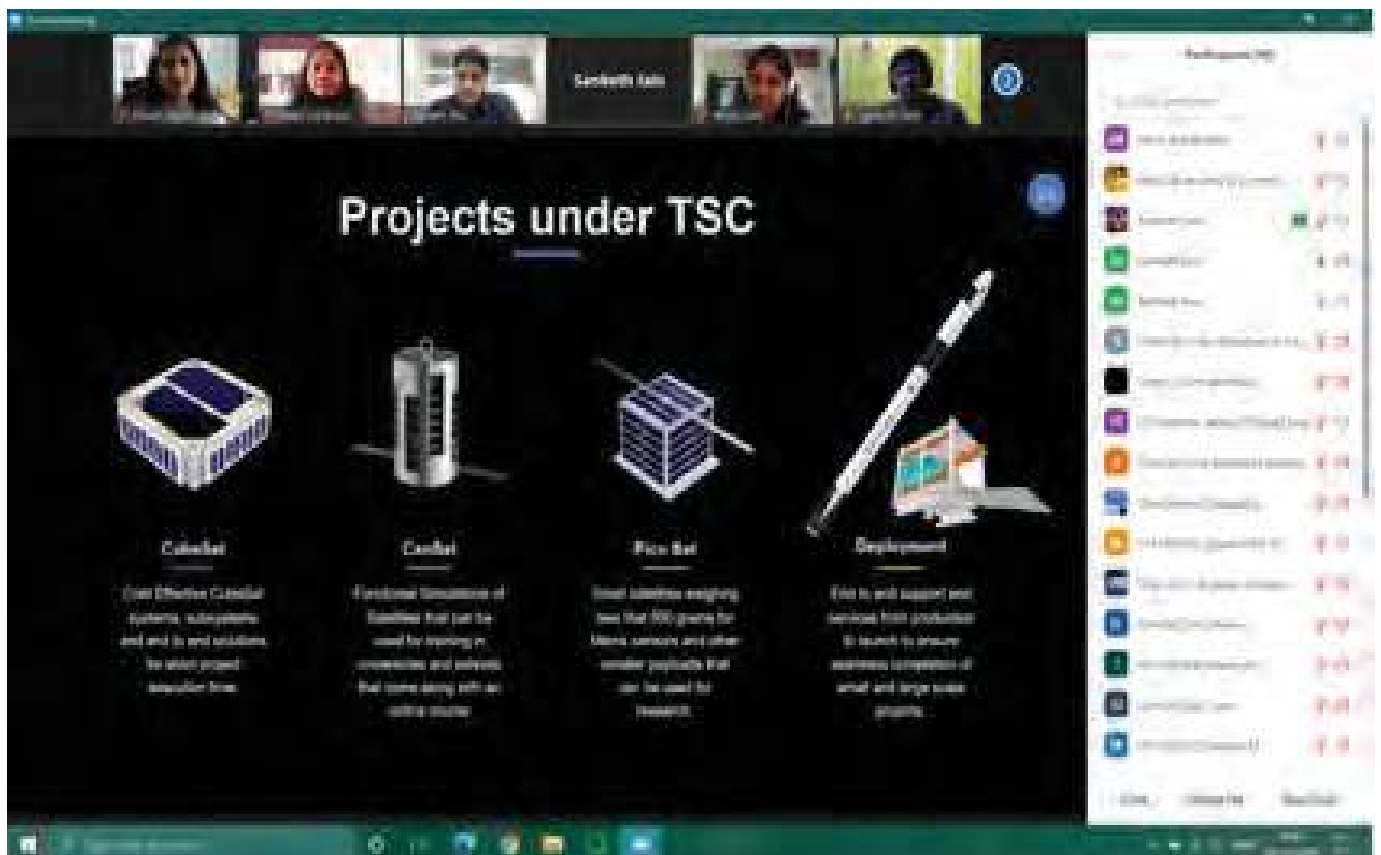


# ACE CLUB EVENT

The event "Alumni Stories" was conducted for 3rd semester students on 3-11-2020 by ACE club. It was a one-on-one interview session with alumni members sharing their success stories and experiences. We had two speakers at the event:

- Nishant Jha -Trainee Engineer at QuEST Global (Mechanical Graduate from NHCE)
- Sanketh S Huddar -Software Engineer at Cerner Corporation (Computer Science Graduate from NHCE)

The session started with a brief introduction about the speakers and their achievements in various fields. It was followed by them sharing their personal stories and experiences. Various topics such as Hackathons, Patents, Nano Satellite Programs, Research Experiences, Internships, IPR, Placements and more were brought to light. It was followed by a QnA by the participants where their queries were addressed by the speakers.



# WEB TALK – CSI EVENT

The Departments of CSE, ISE and MCA in association with CSI organized a special event on 03-11-2020 at 02.00PM through online to introduce the managing committee of NHCE-CSI 2020-21 along with a Web Talk on Soft Skills – A continuous improvement process by Mr. S. Nischal, Technical Solution Analyst, Cerner Healthcare Services for the benefit of 3rd semester students of CSE, ISE and MCA. The speaker highlighted the points on improving soft skills with various examples



Recording Paused

## Soft Skills

### A continuous Improvement Process

By – Nischal.S  
Technical Solution Analyst  
Cerner Healthcare Services.

NFW HORIZON

Varshika NH-ISECS758

Nischal S



# WEBINAR

The Department of Computer Science and Engineering in association with Industry Institute Interaction Cell (Dept. of HRD) organized a webinar on "WWW.BIGDATA.REQ" under VERTICA Centre of Excellence for 5th semester CSE students on 6-11-2020. Mr. Lokesh Sharma, Sales Director, Vertica – India and SAARC was the resource person and he addressed what is big data, where is it used, whom is it for and why is it required (Career Perspective).

The screenshot shows a Zoom meeting interface. At the top, there are video thumbnails for participants: Lokesh Sharma, Mr. Lokesh Sharma, and a participant with a purple background. The main content area displays a central infographic titled "2017 EPIC 100 MINUTE ON THE INTERNET?". The infographic is a circular chart with 100 segments, each representing a different online activity and its frequency in a minute. To the left of the infographic, a list of activities is shown: 3Mn Google searches, 250K \$ Amazon Sale, 100mn spam emails, 150K Skype Calls, and 45K Uber Rides. To the right, another list shows: 4mn Youtube videos watched, 70K hours of Netflix streamed, 15mn Text messages, 800 wiki pages published/edited, and 40K Instagram photos. On the far right, a "Participants (64)" list is visible, showing names and status icons for various attendees.

# BIT CLUB EVENT

BIT Club of the department of Computer Science and Engineering organized their second event on 13-11-2020 at 11.00 am through online mode. The event is titled "Collaboration Communication Computing". This event aimed to promote the interdependence of business and technology and the importance of communication in order to fluently share our ideas and thoughts in the entire business solution development process. Guest speaker was Mr. Pradeep Gopinathan, who has 30+ years of corporate work experience and has trained more than 1000 professionals. The insights of guest speaker, who is an industry veteran with many years of experience in the IT and Telecom sectors can help students to understand the real-life scenarios they will face in their future job postings.

The screenshot displays a Zoom meeting interface. On the left, a presentation slide titled "DISC Profile" features a circular diagram divided into four quadrants: Dominant (D, red), Influential (I, yellow), Compliant (C, blue), and Steady (S, green). Each quadrant is associated with specific personality traits and orientations. The Dominant quadrant is described as "Task Orientated" with traits like "Dominant, Direct, Decisive, Doer, Domineering, Demanding". The Influential quadrant is "People Orientated" with traits like "Outgoing, Inspirational, Interactive, Interesting, Impulsive, Irritating". The Compliant quadrant is "Task Orientated" with traits like "Compliant, Cautious, Careful, Conscientious, Calculating, Condescending". The Steady quadrant is "People Orientated" with traits like "Steady, Stable, Supportive, Sincere, Reserved, Slow, Sensitive".

On the right side of the screen, a "People" list is visible, showing the following attendees:

- Presenters (1): Pradeep Gopinathan (Organizer)
- Attendees (14): Shreya (Guest), Abhay Thoppal Shiva (TNIH...), Atit Dharmendra Patel (Guest), Goutam shanbhag, Harshita, MUKESH P (Guest), rafter, Rasni, Ratan Rakshit, Sajjan Kumar (Guest), Shravya Menon (Guest)

The Zoom meeting controls at the bottom show a timer at 46:48 and various icons for mute, video, chat, and other functions. The name "Pradeep Gopinathan" is visible in the bottom left corner of the meeting window.

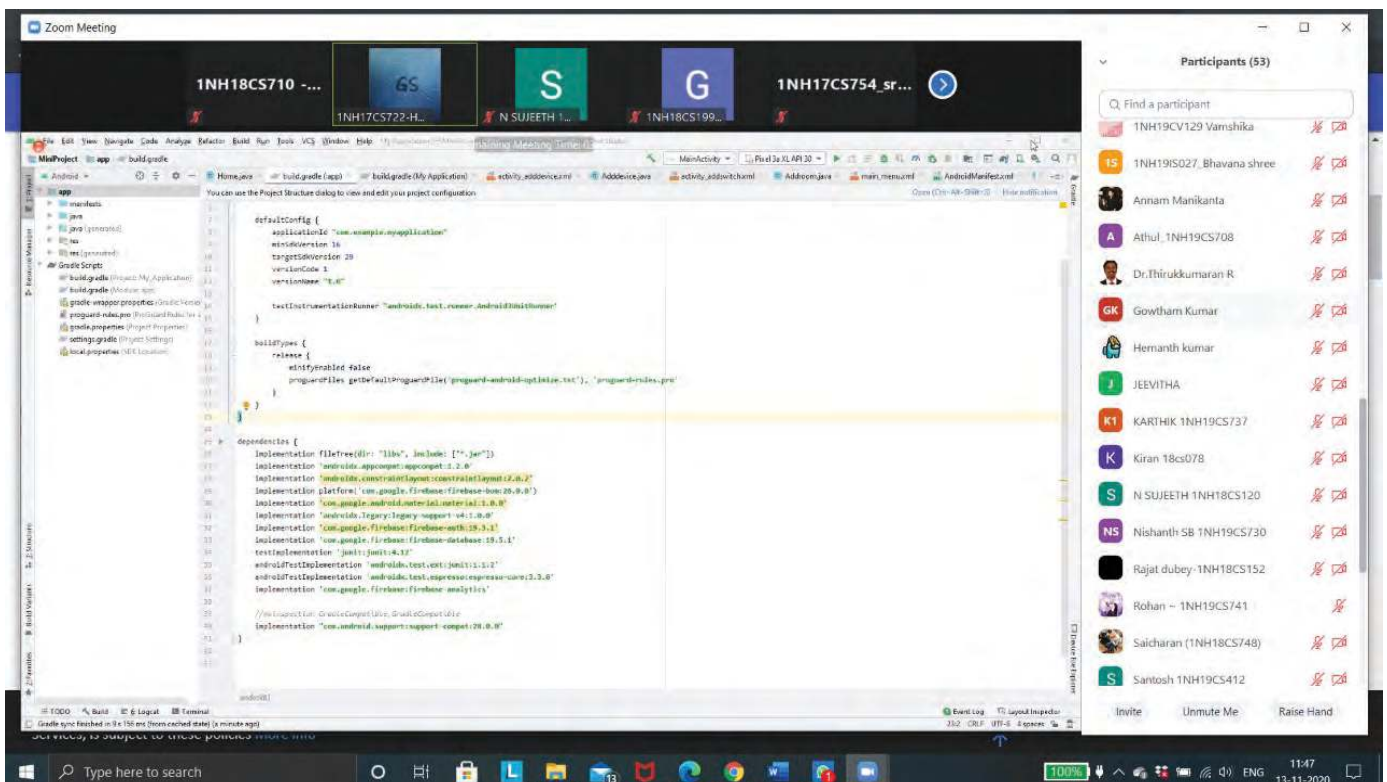
# MD CLUB EVENT

Mobile App Development Club from the department of Computer Science and Engineering organized their second event for inter department students of NHCE on 13-11-2020 at 11.00 AM through online mode. The session was taken up by Mr. Harikrishnan, a member of mobile app development club. There were 2 sessions in the event.

**Part one:** Hands-on session on android studio, to build a simple mobile application from scratch.

**Part two:** An Interactive Q and A section.

The outcome of the event was to utilize the information and skills imbibed in the event and Gaining of awareness of how to develop a simple mobile application. The intended audience were students interested in learning mobile application development in any branch. Around 55 students were benefited out of the session.





# TECHNICAL TALK

The Department of Computer Science and Engineering in association with Industry Institute Interaction Cell (Dept. of HRD) organized a technical talk on "VERTICA – THE UNIFIED ANALYTICS WAREHOUSE" under VERTICA Centre of Excellence for 5th semester CSE students on 20-11-2020. Mr. Ravi Gupta, Solution Architect, Microfocus – India was the resource person and he addressed on the analytical warehouse capabilities of Vertica.



# WEBINAR - "THE INSIGHTS"

The department of Computer Science and Engineering organized and conducted a webinar on Entrepreneurship titled "The Insights" for 5th and 7th semester students on 2-12-2020 from 12:00 PM to 1:00 PM. The main aim of the event was to promote the spirit of entrepreneurship among engineering students. This gave students a platform to discuss their start-up ideas and have a discussion with their peers for suggestions and a healthy discussion.



**NEW HORIZON COLLEGE OF ENGINEERING**  
New Horizon Knowledge Park, Rimo Road, Marathalli  
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC  
Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
**Webinar on Entrepreneurship**

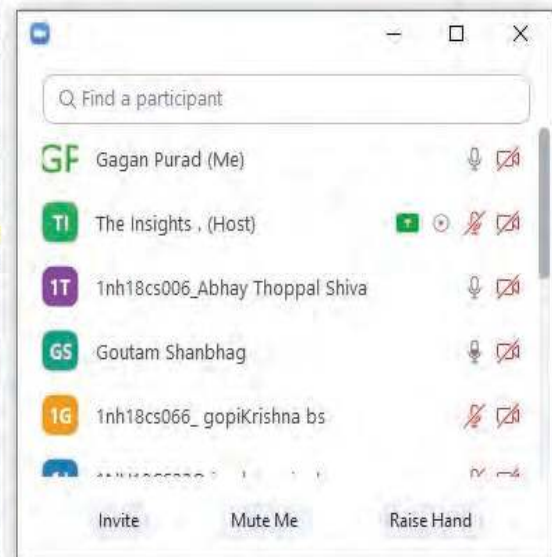
DATE: 02/12/2020  
TIME: 12PM

VENUE:  
ZOOM MEETING

**THE INSIGHTS**  
A PLATFORM TO PRESENT ALL YOUR STARTUP IDEAS

**THEME: TECH & INNOVATION**

CONTACT:  
SHREYA- 7975195027  
MUSKAN- 95238 91553



Participant	Microphone	Video	Hand
GF Gagan Purad (Me)	On	Off	Off
TI The Insights , (Host)	On	On	Off
1T 1nh18cs006_Abhay Thoppal Shiva	Off	Off	Off
GS Goutam Shanbhag	Off	Off	Off
1G 1nh18cs066_gopiKrishna bs	Off	Off	Off
...	...	...	...

Invite Mute Me Raise Hand

# MINI PROJECT COMPETITION

The Department of Computer Science and Engineering has organized a Mini Project Competition for 3rd, 5th & 7th semester students on 5-12-2020. This was aimed at bringing awareness to the importance of Project development, coding, presentation and employability skills among students. Jury panel consisted of Mr. Kamal R, Software Architect, TCS and Mr. Vinod Unnikrishnan, Product Owner, Dell Services. Winners are as below:

3rd Sem:

- Rakshitha B A
- Swapnil Shukla
- Kiran Raj Suresh Malali

5th Sem:

- Rahul M Dinesh
- Babu Aman Singh
- Harshit Pant

7th Sem:

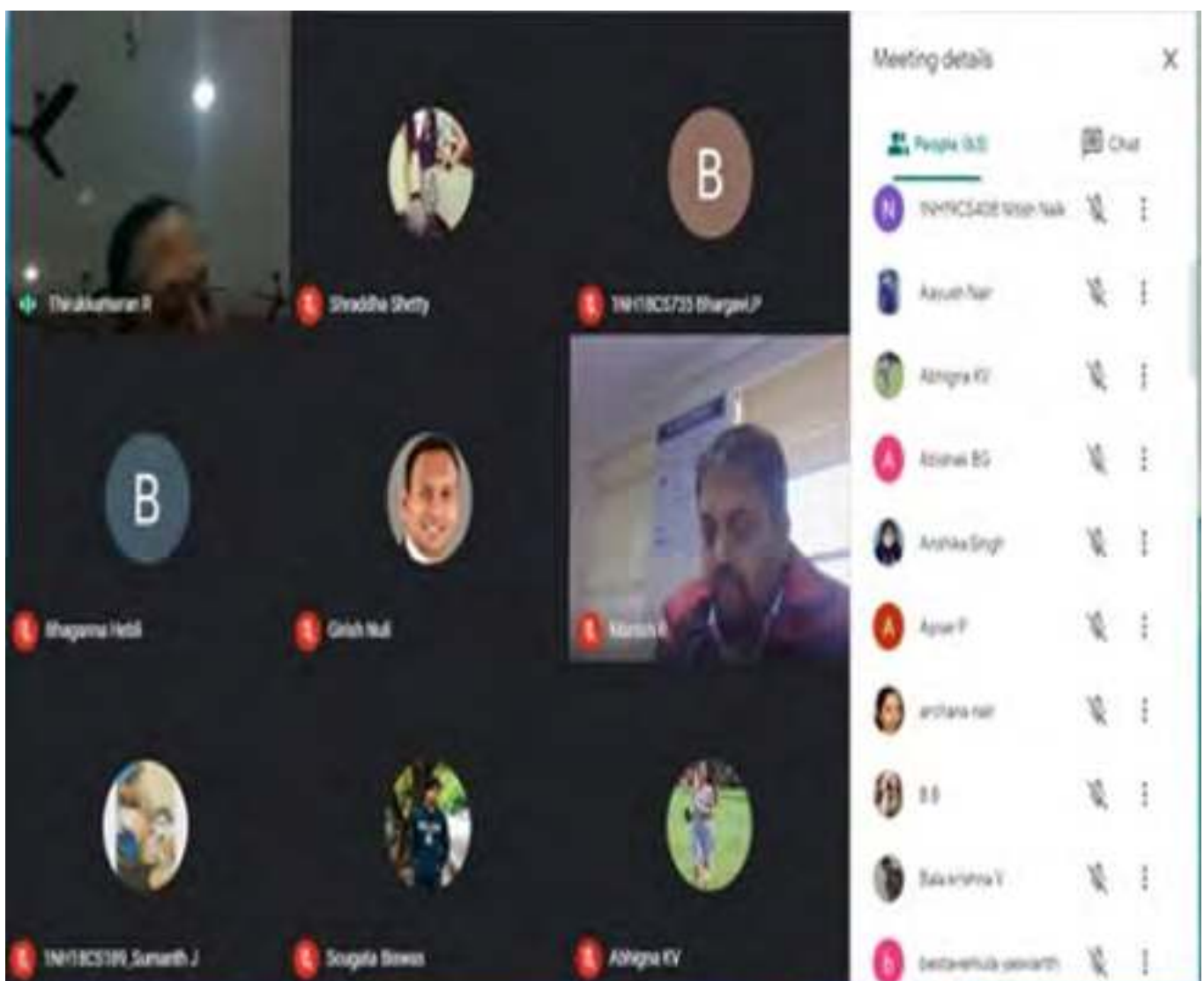
- Nagarjun U
- Aayush Soni
- S.Sriram





# WORKSHOP - AI IN COMPUTER VISION

The Department of Computer Science and Engineering and Industry Institute Interaction Cell of NHCE in association with Infibridge has organized One Day Workshop on "AI in Computer Vision" for 7th semester students on 18-12-2020. The speaker is Mr. Girish Nuli, the CEO and founder of Antara Software and Consulting Private Ltd. The presentation was about AI in Computer Vision. He spoke about history of Computer Vision and various business use cases. He briefly explained about Image Processing, Artificial Neuron, Machine Learning, Neural Network and Convolutional Neural Network. He was also presented a live demonstration about how to work with Computer Vision.



## **CHIEF EDITOR**

Dr. B. RAJALAKSHMI  
*PROFESSOR AND HEAD*  
*DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING*

## **ASSOCIATE EDITOR**

Ms. ALPHA VIJAYAN  
*SENIOR ASSISTANT PROFESSOR*  
*DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING*

## **STUDENT EDITORS**

- 1) ASHMITHA PASANNA  
*5<sup>th</sup> SEMESTER CSE*
- 2) AROHI JAIN  
*5<sup>th</sup> SEMESTER CSE*

## **DESIGNER**

Mr. CHARANTHEJA