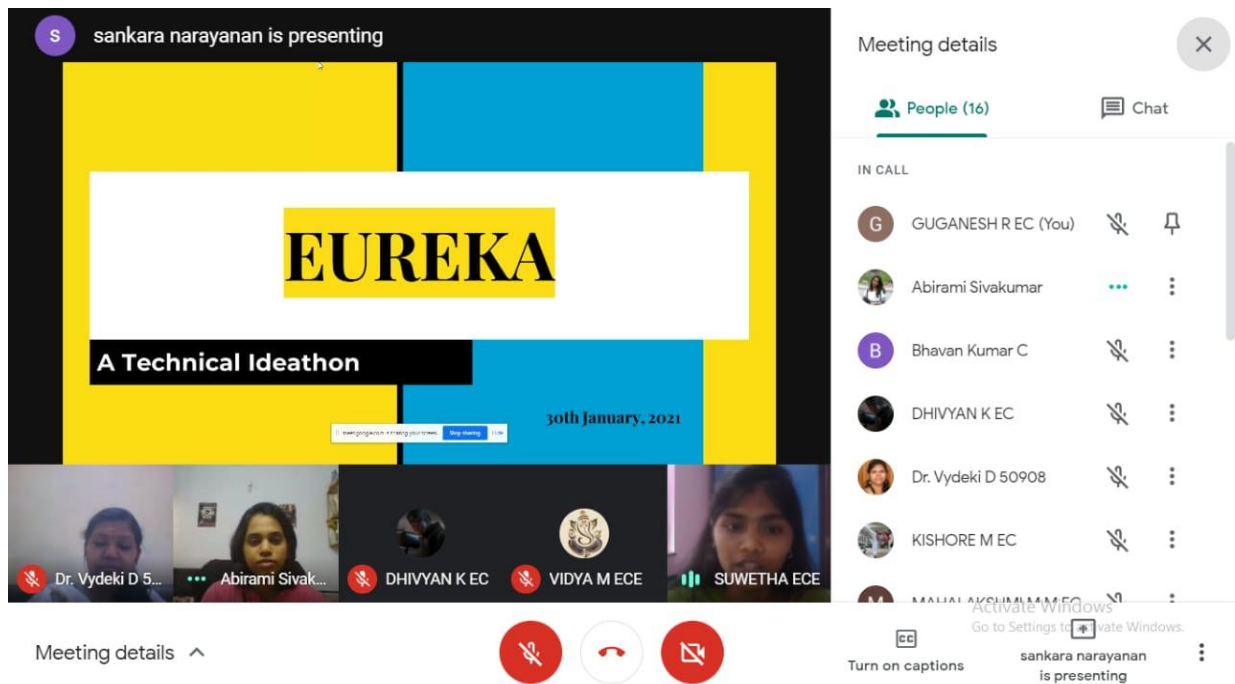




## ALUMNI ASSOCIATION OF ELECTRONICS AND COMMUNICATION ENGINEERING

### Report on Ideathon event Eureka (2020-2021)

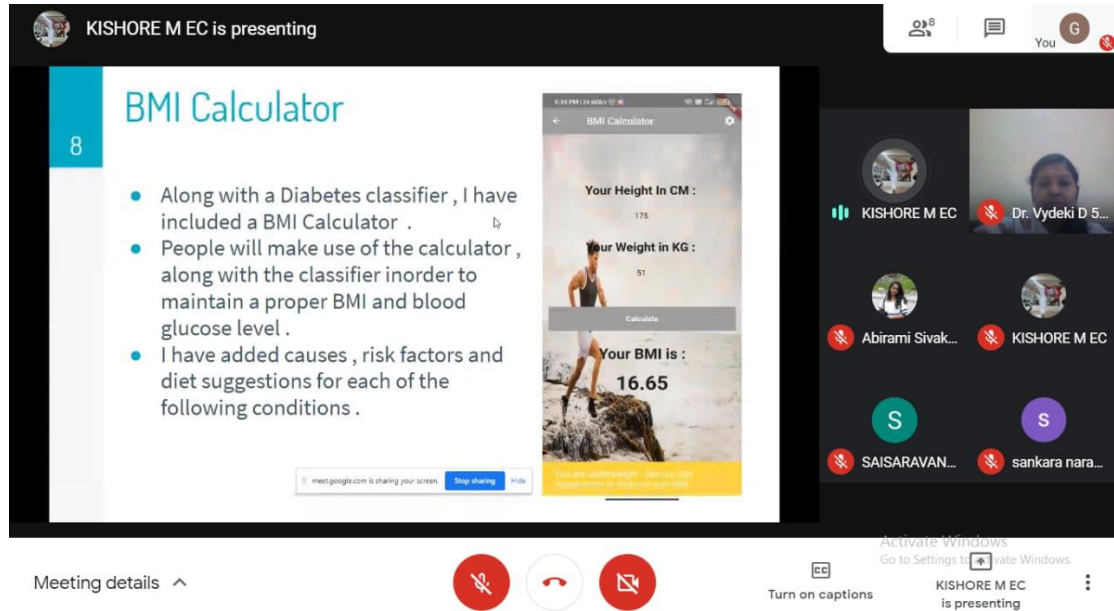
The ECE Alumni Association for the academic year 2020-2021 presents “Eureka”- a technical ideathon, which successfully took place on 30<sup>th</sup> January 2021 via Google meet platform with over 9 teams. The event had two panels with different time slots given for each team to present their ideas. The panel-1 was assigned with 5 teams and the panel-2 was assigned with 4 teams. The panel-1 was judged by Ms.Vydeki which commenced at 10.00 am . The chief guest was formally introduced by Ms.Suwetha K, Treasurer, Alumni Association (ECE), SVCE. The ideathon was anchored by Ms.Abirami S ,President,Alumni Association(ECE)SVCE.



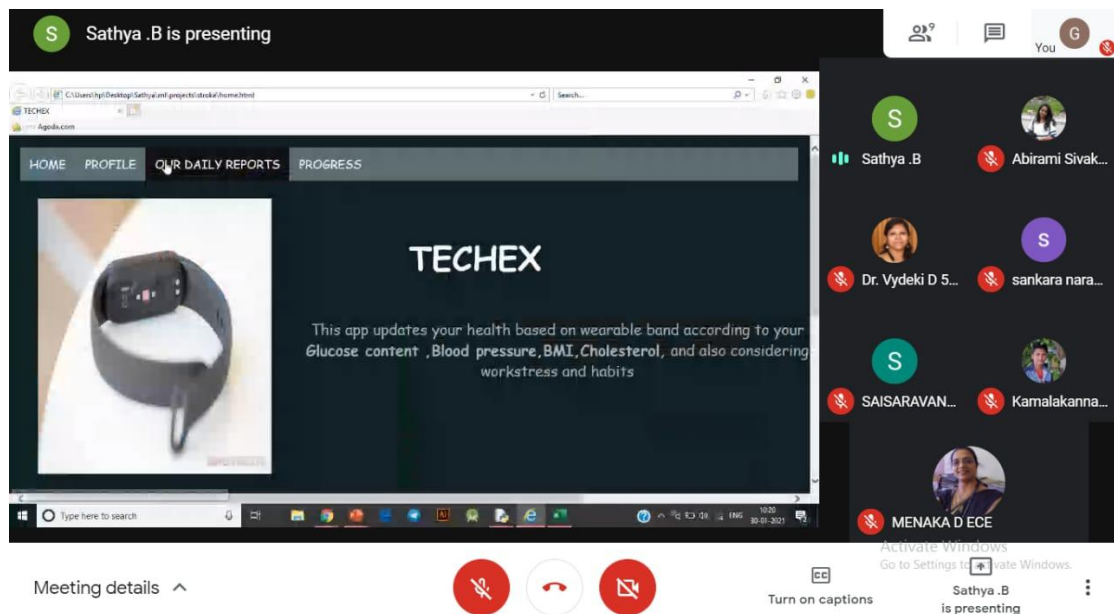
Ms.Vydeki Vijaykumar –Associate Professor of Electronics Engineering VIT Chennai. Ms.Vydeki is our alumni pursued her M.E in communication system in our very own college in 2004. She then went on to pursue her PhD in Wireless Sensor Networks at CEG in 2007. She is actively involved in technical organisations such as

the IEEE and is currently the Chair of the IEEE WIE Madras Division. She's very passionate about teaching and motivating young minds to solve real world problems.

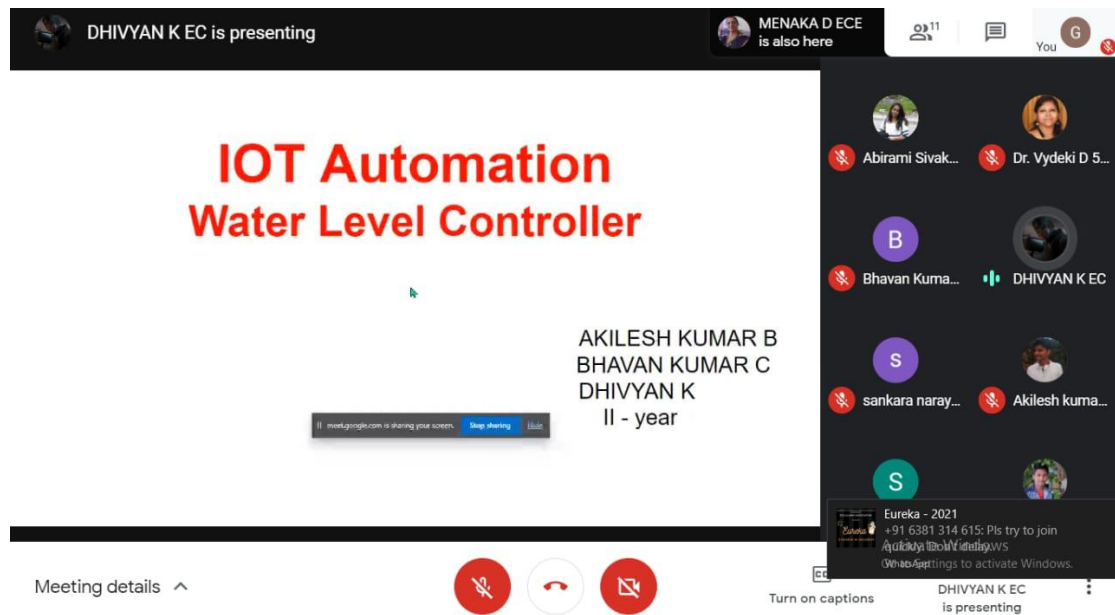
Followed by the welcome speech , the team “ML NoobMaster” kick started with the first presentation on the domain “Automation,IOT and ML” for the duration of 10 minutes and QA session of 5 minutes . This team designed an app which collects data from the user and calculates BMI and glucose level.



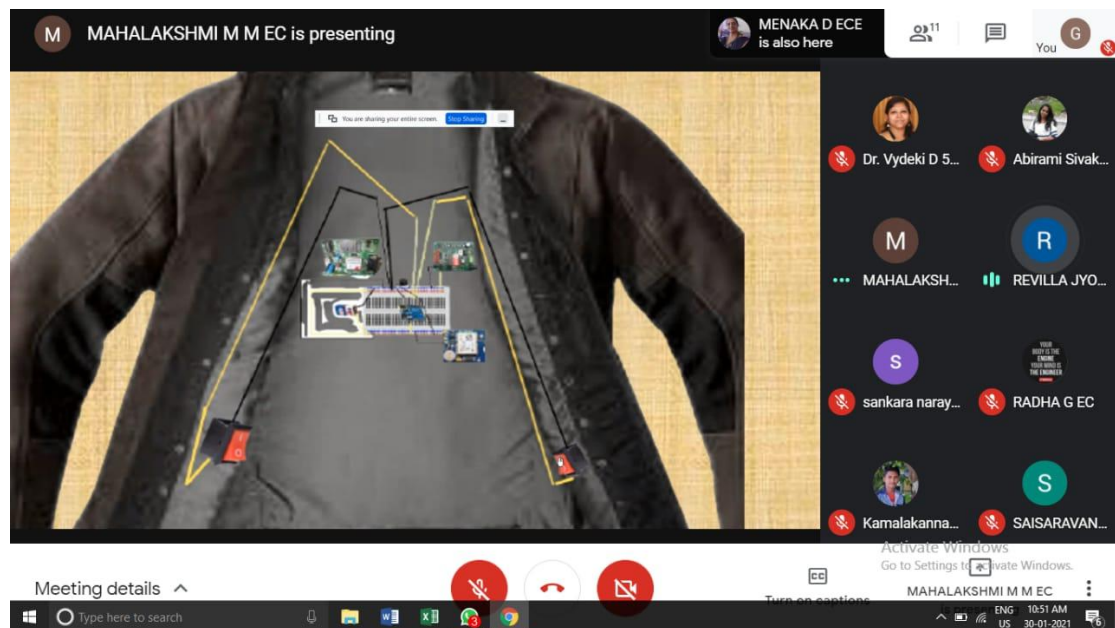
Followed by this ,the team ”TECHEX” came with the domain on “Automation,IOT and ML”. It lasted for 15minutes of Presentation and 5minutes of Q&A session. This team designed a wearable band which gives updates about glucose content , blood pressure, BMI, cholesterol.



Followed by this ,the team ”Wizards” came with the domain on “Automation,IOT and ML”. It lasted for 15minutes of Presentation and 5minutes of Q&A session. This team designed a device for monitoring water level and send out alerts.



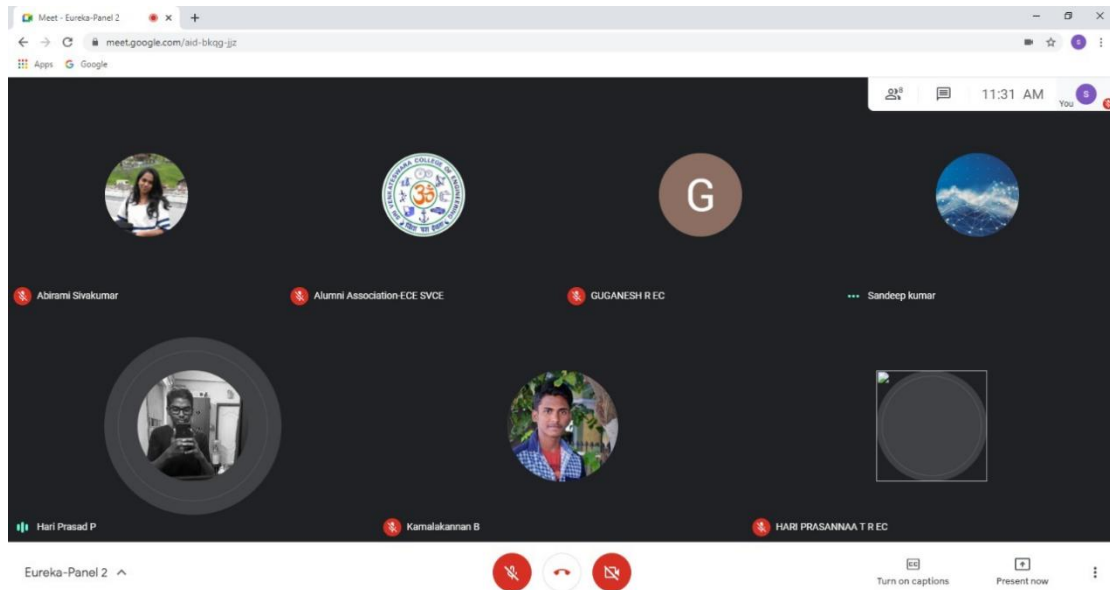
The event progressed with the next team “Tech Folks” with the domain on “Embedded Systems” for the duration of about 10 minutes of Presentation and 10 minutes of Q&A session. This team designed a coat for women safety .



Then, last team”Kryptonite” with the domain on “Embedded Systems” presented for the duration of 10 minutes of Presentation and 5 minutes of Q&A session.

Then the panel-2 was judged by Mr.Sandeep Kumar which commenced at 11:30am.The panel-2 consisted of 4 teams. It was anchored by Ms.Abirami S, President, Alumni Association(ECE) SVCE .Followed by which, the chief guest was

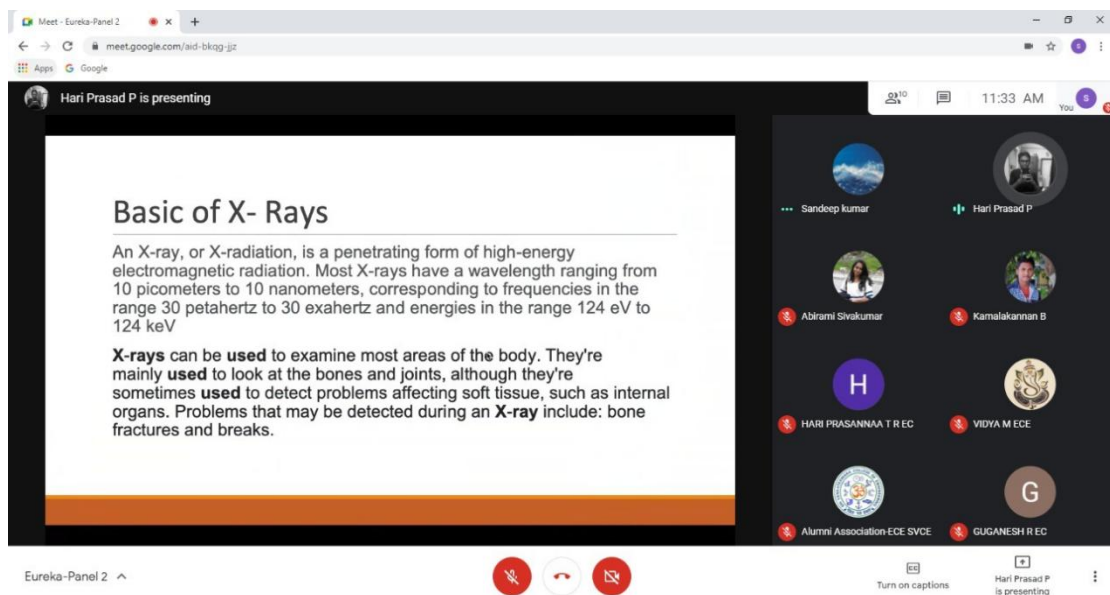
formally introduced by Ms.Radha, Executive Member, Alumni Association (ECE), SVCE.



Mr. Sandeep Kumar- Machine learning engineer at Qualcomm, California. Sandeep is someone who has been extremely passionate about machine learning, deep learning and computer architecture right from his early days at undergrad. This passion strode him on the path to pursue Masters in ECE with concentration in machine learning and signal processing at The University of Wisconsin, Madison.

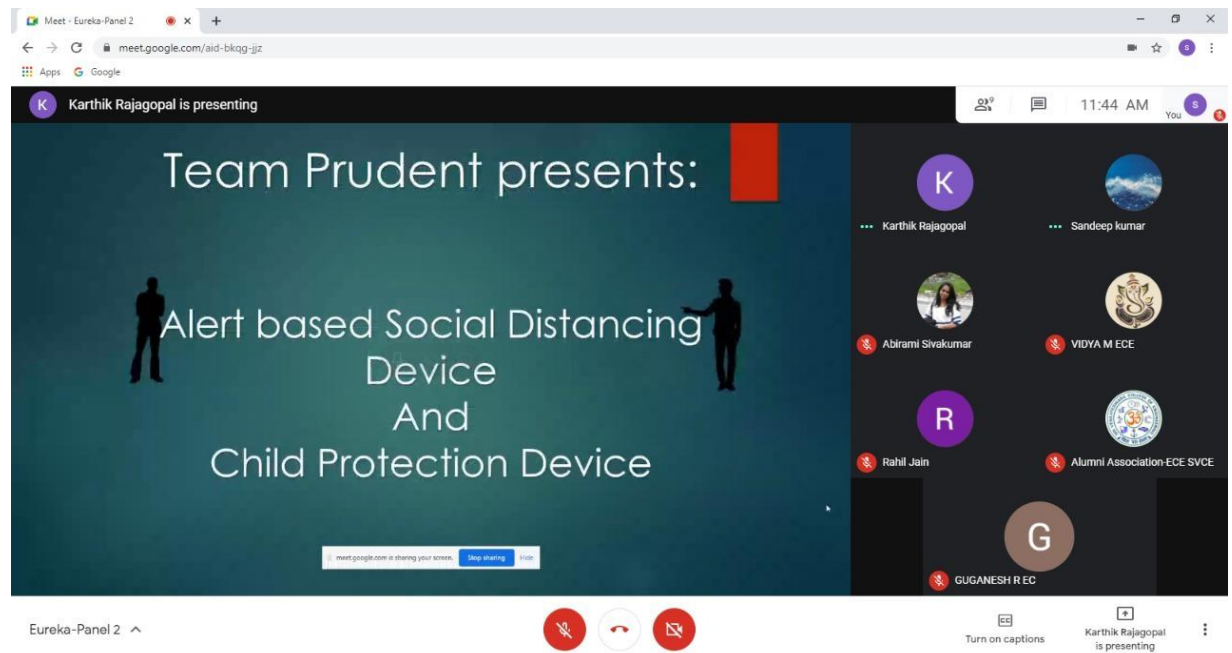
In his time at SVCE, he was and still is everyone's go-to guy for anything Robotics or AI.

Followed by the welcome speech, the team “HP Tech” kick started with the first presentation on the domain “Signal/Image Processing” for the duration of 10 minutes and Q&A session of 5 minutes .

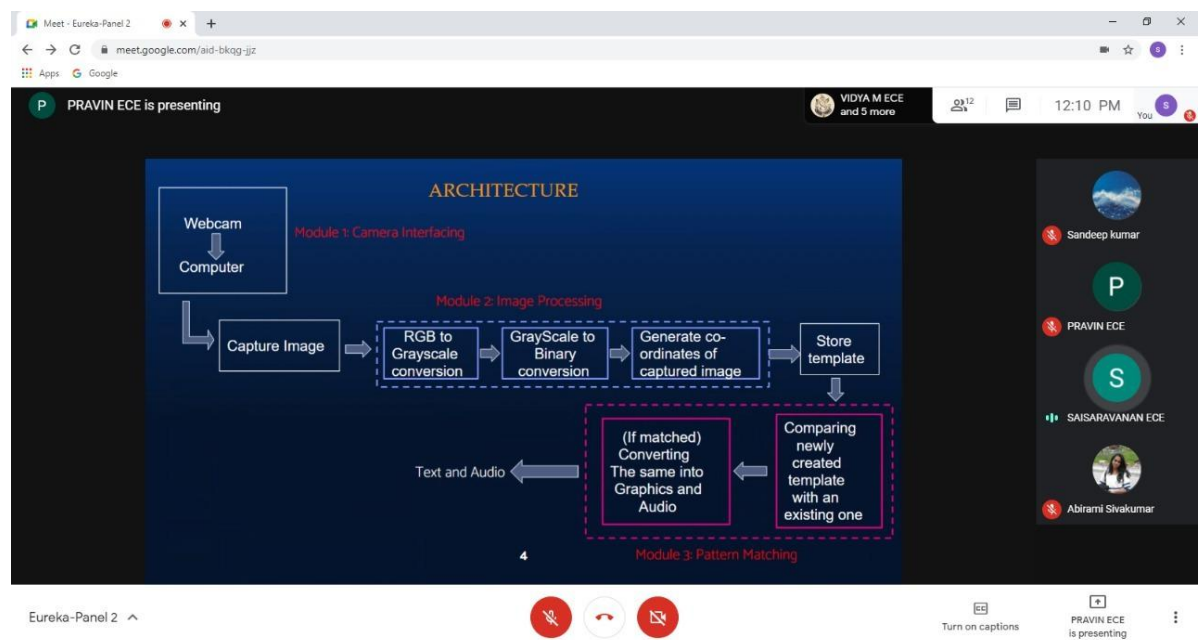




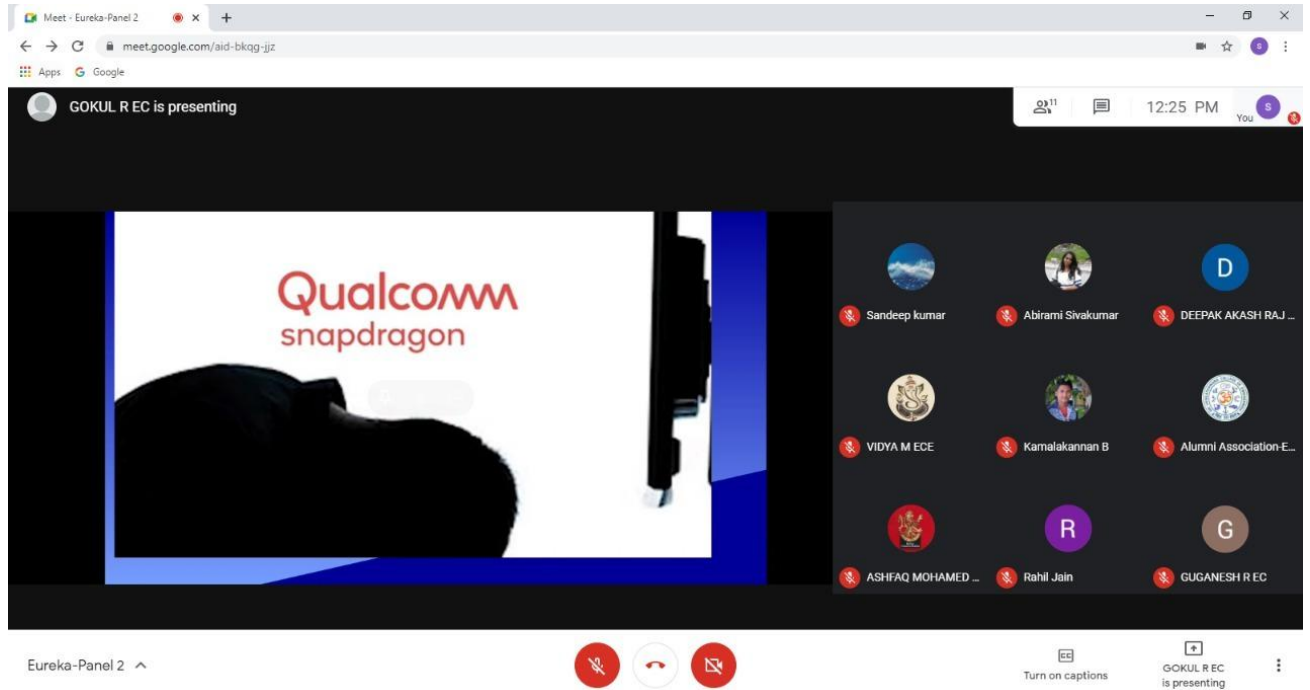
ollowed by this ,the team ”Prudent” came with the domain on “Embedded Systems”. It lasts for 15minutes of Presentation and 5minutes of Q&A session. This team designed a device which gives an alert based on the social distancing of the people.



The event progressed with the next team “The Sharks” with the domain on “Signal/Image processing” for the duration of about 10 minutes of Presentation and 10 minutes of Q&A session. Their idea was an alphabet recognition device based on Image processing.



Then, the last team”Tech Warriors” with the domain on “Embedded Systems” for the duration of 10 minutes of Presentation and 5 minutes of Q&A session. Their idea was based on Microprocessors and snapdragons used in the mobile phones.



The session was concluded and it was very thoughtful and informative. The Judge was also very keen to interact with the participants through the “Q&A” session.

The Valedictory Function was commenced at 1:00pm. The Welcome address was given by Ms. Abirami S, President, Alumni Association (ECE) SVCE. Followed by which, the chief guests Ms. Vydeki and Mr. Sandeep Kumar was formally introduced by Ms. Radha, Executive Member, Alumni Association (ECE) and by Mr. Rahil Jain, Vice President, Alumni Association (ECE), SVCE. The Prize Winners were announced by Ms. Menaka D, Co-ordinator, Alumni Association (ECE) and by Ms. Vidya, Co-ordinator, Alumni Association (ECE), SVCE.

#### PRIZE WINNERS:

1. Team “Tech FOLKS”
2. Team “Prudent”

Cash amount of Rs.1000 was awarded to each team.

Finally the session was concluded with a Vote of Thanks by Mr. Sankara Narayanan, Executive Member, Alumni Association, ECE, SVCE.

#### Participant Details :

Total Number of Teams: 9

There was an active and an enthusiastic participation of students from the ECE department of the college.



SRI VENKATESWARA COLLEGE OF ENGINEERING  
DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING  
**ECE ALUMNI ASSOCIATION**

presents



*Eureka*



**A TECHNICAL IDEATHON**

Participants :  
2nd & 3rd years

• 30TH & 31ST JAN, 2021  
•  
•

**WIN EXCITING PRIZES** 

Registration Deadline : 25th January

*D. Me*

*D. Menaka*  
HoD, ECE Department-

**ALUMNI COORDINATORS**

Mrs.D.MENAKA,AP,ECE

Mrs.M.VIDYA, AP, ECE

**SRI VENKATESWARA COLLEGE OF ENGINEERING**  
**ELECTRONICS AND COMMUNICATION**  
**ENGINEERING**  
**ALUMNI ASSOCIATION**

**PROGRAM SCHEDULE**

**Event: "Eureka"**

**DATE: 30 & 31<sup>st</sup> January 2021**

- ❖ Prayer
- ❖ Welcome Address
- ❖ Address by the Head of the Department
- ❖ Chief Guest Introduction
- ❖ Technical Talk
- ❖ Vote of Thanks



Co-ordinator



Hod-ECE



Ideathon " Eureka" on 30th January 2021

Attendance sheet

S.No	Participant Name
1	AANANT V
2	ADITYA U TAWKER
3	AFRIN BANU L S
4	AJAY P
5	AKILESH KUMAR B
6	AMIRTA JOSNA B
7	ANUSHOBICA P
8	ARAVIND LN
9	ARAVINDHAN D
10	ASHFAQ MOHAMED MOHIDEEN A
11	BHARATH KRISHNAA J
12	BHAVAN KUMAR C
13	CHARAN K
14	CHARAN M
15	DEEPAK AKASH RAJ T
16	DEEPIKA K P
17	DEVA S
18	DHIVYA BHARATHI S
19	DHIVYAN K
20	DIYA RAJIV CHRISTOPHER
21	DURGA G
22	GAYATHRI B
23	GAYATHRI R
24	GEETHAPRIYA N
25	GNANESHWARAN S
26	GOKUL R
27	GUGANESH R
28	GUHANESWAR S
29	HARI PRASAD P
30	HARI PRASANNA T R
31	HARIHARA SUBRAMANIAN B
32	HARINEE V
33	HARINI M
34	KARTHIC GUKAN SS
35	KARTHIK RAJAGOPAL
36	KARTHIKEYAN A
37	KATHIRVEL R
38	KEERTHANA M
39	KEERTHIVASAGAN M
40	KENWIN PATRICK A



Co-ordinator



Hod-ECE





## CERTIFICATE OF APPRECIATION

THIS IS PRESENTED TO

**Ms. M Vidya**

**for organizing**

**"EUREKA-A TECHNICAL IDEATHON"**

conducted by ECE Alumni Association of  
SRI VENKATESWARA COLLEGE OF ENGINEERING  
Sriperumbudur, Tamilnadu  
on **30-01-2021**

**DR. S MUTHUKUMAR**

HOD-ECE