



## Inside this Issue

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**“SCIENTISTS INVESTIGATE THAT WHICH ALREADY IS:  
ENGINEERS CREATE THAT WHICH HAS NEVER BEEN”**

- Albert Einstein

## ENGINEERS` DAY CELEBRATION

Engineers are shaping the future of India by applying their skills and convert their theoretical knowledge of basic sciences into marvelous useful products and make our lifestyle easier and comfortable.

Engineers' Day is celebrated on September 15 every year in India commemorating the birthday of one of the greatest engineers in India and Bharat Ratna recipient, Sir Mokshagundam Visvesvarayyagaru. On this special day many activities and competitions were conducted for our budding engineers. The theme for World Engineers Day 2021 is “A Healthy Planet - Celebrating the UNESCO Engineering”. Many competitions like CoDecode, Electronic adzap, RuDev - idea for Rural development, Technex, Break the queries, Circuit untangle, Guess the Gibberish, Robodino, Rube Goldberg Machine Competition, The Marshmallow Design Challenge, Design of Paper Airplanes and guest lectures by scientists were conducted for the students .

The poster features the Chettinad College of Engineering & Technology logo at the top left, with the text 'Approved by AICTE-New Delhi and Affiliated to Anna University-Chennai.' Below the logo, the event title 'National Engineers Day Celebrations - 2021' is prominently displayed in a large, bold, brown font. The date and time are listed as 'Date : 15<sup>th</sup> September 2021' and 'Time : 09.30 AM – 11.30 AM'. The theme 'A Healthy Planet- Celebrating The Engineers with' is written in blue. Two guest speakers are featured: Dr. Goutam Chattopadhyay, Senior Scientist at NASA-JPL, USA, and Dr. A. S. Guru Prasad, Head of Global-R&D at Robert Bosch GmbH, Bangalore. A large portrait of Sir Mokshagundam Visvesvaraya is on the left. At the bottom, a small text block explains the significance of the day, and the college's address and website are provided.

**Chettinad**  
College of Engineering & Technology  
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Platform  
zoom

**National Engineers Day  
Celebrations - 2021**

Date : 15<sup>th</sup> September 2021  
Time : 09.30 AM – 11.30 AM

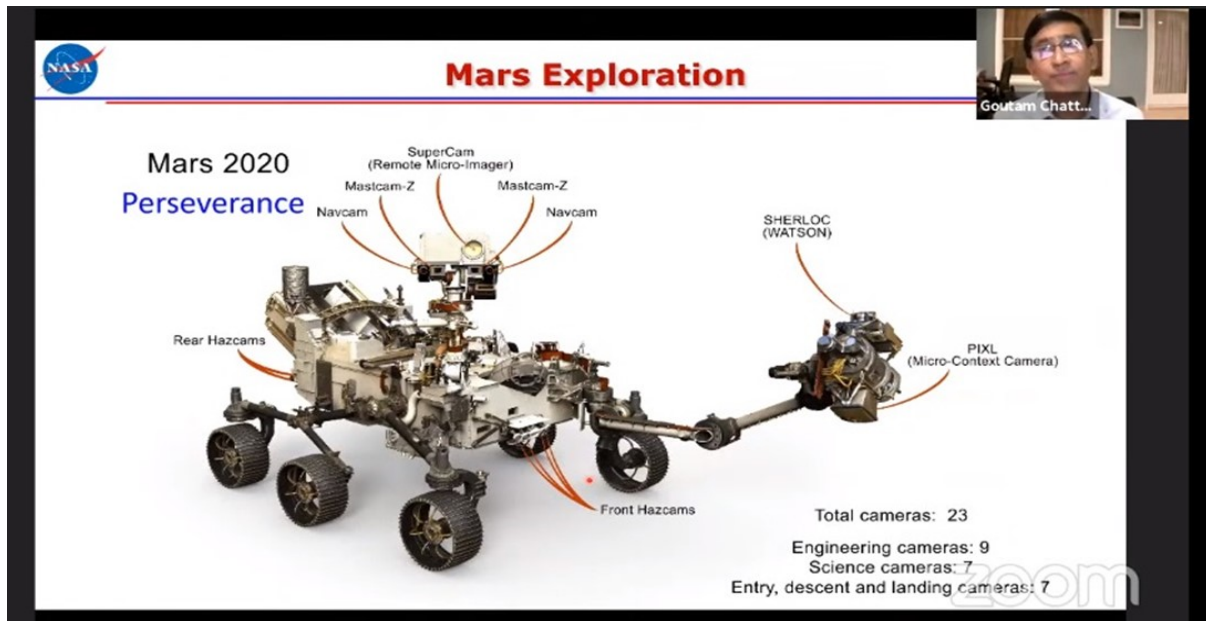
**A Healthy Planet-  
Celebrating The Engineers  
with**

**DR. GOUTAM CHATTOPADHYAY**  
SENIOR SCIENTIST, NASA-JPL,  
USA

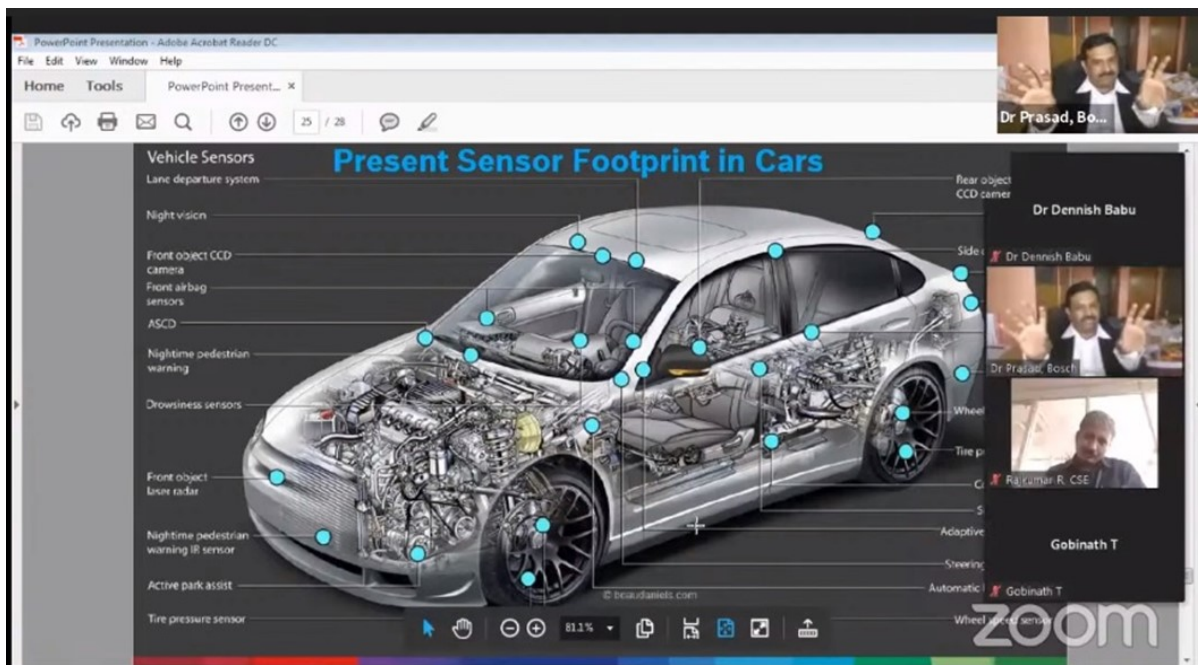
**DR. A. S. GURU PRASAD**  
HEAD - GLOBAL-R&D,  
PRODUCTS & ADVANCED TECHNOLOGY SOLUTIONS,  
ROBERT BOSCH GMBH,  
BANGALORE.

Engineer's day 2021: Every year on September 15, India along with Sri Lanka and Tanzania celebrate National Engineer's day to recognise and honour the achievements of the great engineer Mokshagundam Visvasvaraya.

NH-67, Karur-Trichy Highway,Puliyur CF, Karur-639 114. / [www.chettinadtech.ac.in](http://www.chettinadtech.ac.in)



Dr. Goutam Chattopadhyay, Senior Scientist at NASA-JPL, USA, delivered a talk on “NASA's Mars Landing and Related Technical Challenges - Engineering for Healthy Planet”. The students of ECE & EEE participated and gained knowledge on NASA's Mars Landing and Related Technical Challenges.



Dr. Guru Prasad AS, Head, Sensors and IoT EDGE RBEI, Bosch, Bangalore, enlightened our students on the topic “**Role of Smart Sensors in IoT Journey**”.

### GLIMPSES OF ENGINEERS DAY COMPETITIONS



Participation of Civil engineering students in Brick bonding competition



Participation of ECE students in Meme Mania competition.



Participation of Mechanical Engineering students in “Paper Aeroplanes” Competition.



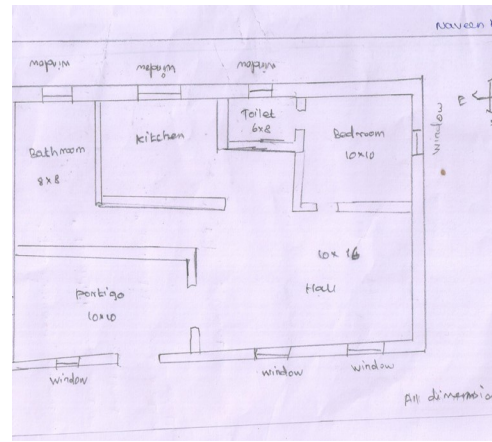
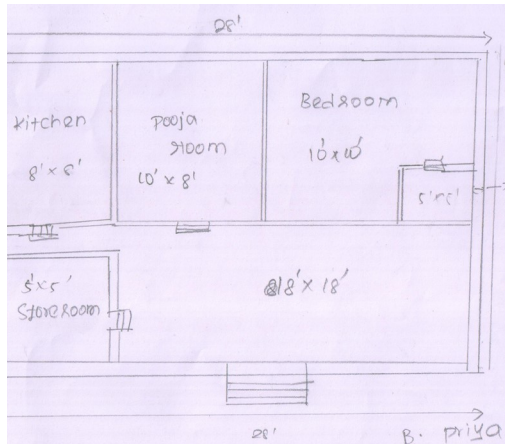
Students' participation in “Treasure Trove” competition

## DEPARTMENT ACTIVITIES

Activities enable the students to engage in the learning and understanding of concepts. As a part of curriculum and to train our young professionals in the field of science, technology, and engineering, many activities were conducted for our students to improve their skills sets and gain hands-on experience to understand engineering principles and concepts.

## DEPARTMENT OF CIVIL ENGINEERING

“**Cadal Zakeia**” is a building plan activity was organised for the IV year students on 03.09.21. This activity helped the students to know the efficient planning and use of available space in construction.



Building plan drafted by Ms.A.Yogapriya & Ms.Jaishika

A non-technical activity titled “Lock Out” was organised for the IV year students on 17.09.21. This activity helped the students to enhance communication skills and time management ability.



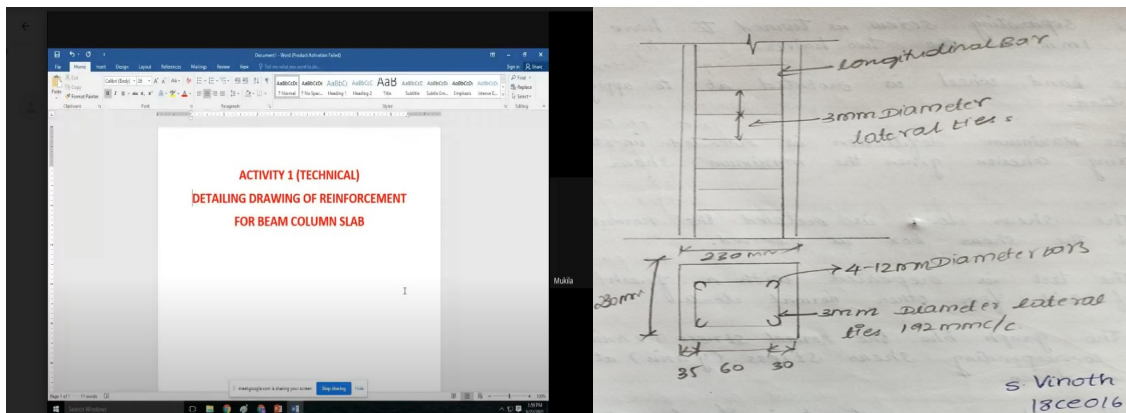
Civil Students participating in “Lock Out” activity

A Technical Debate on the topic “**Site Engineer vs Design Engineer**” was conducted for the IV year students on 24.09.21. The primary goal of the debate is to generate effective critical thinking.

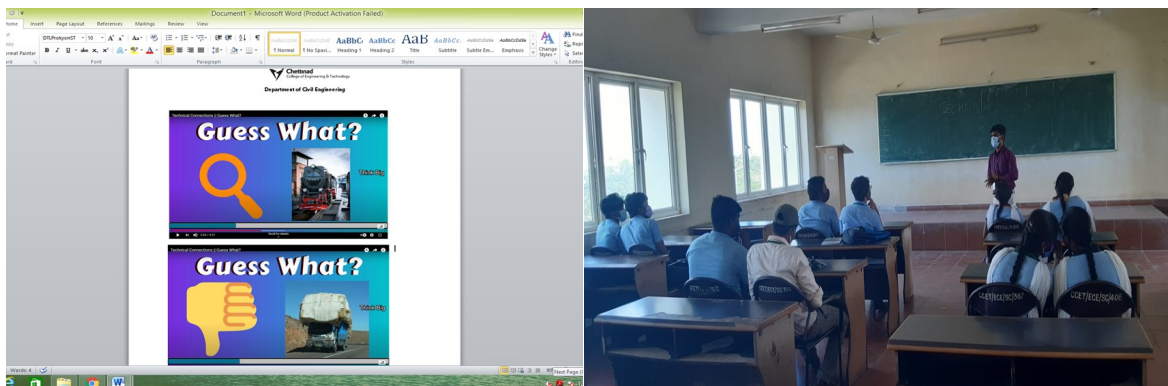


Students' debating on the topic

“**CASTELLATE**” a reinforcement detailing activity was organised for the IV year students. This activity enabled the students to improve their knowledge in reinforcement.



**Technical Quiz** was organised for the III and IV year students on 14.09.21. This activity aimed at recalling their core subject.



## DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

A Webinar titled “**Deep Learning**” was conducted by Dr. Sikha O K, M.Tech., Ph.D., on 13.09.21. The concepts of Deep Learning and its applications were outlined and trained our students by using the datasets Tensor Flow and Keras with a case study.

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LIVE WEBINAR

Department of  
Computer Science and Engineering  
Webinar on 'Deep Learning'

**Dr. Sikha O.K**  
Assistant Professor Sr. Grade,  
Department of Computer Science and Engineering,  
School of Engineering, Amrita Vishwa Vidyapeetham,  
Amritanagar, Coimbatore.

PLATFORM  
GOOGLE MEET

13.09.2021  
11.00 AM - 12.30 PM

www.chettinadtech.ac.in

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

A Webinar on “**Insights into Signal Processing**” was organised on 23.09.21. Dr. B. Jai Shankar, B.E, M.E, Ph.D, Associate professor, KPR Institute of Engineering and Technology, gave insights in various transforms of Signal Processing, and IoT related applications of signal processing.

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Hosted by  
**ECE**  
Department

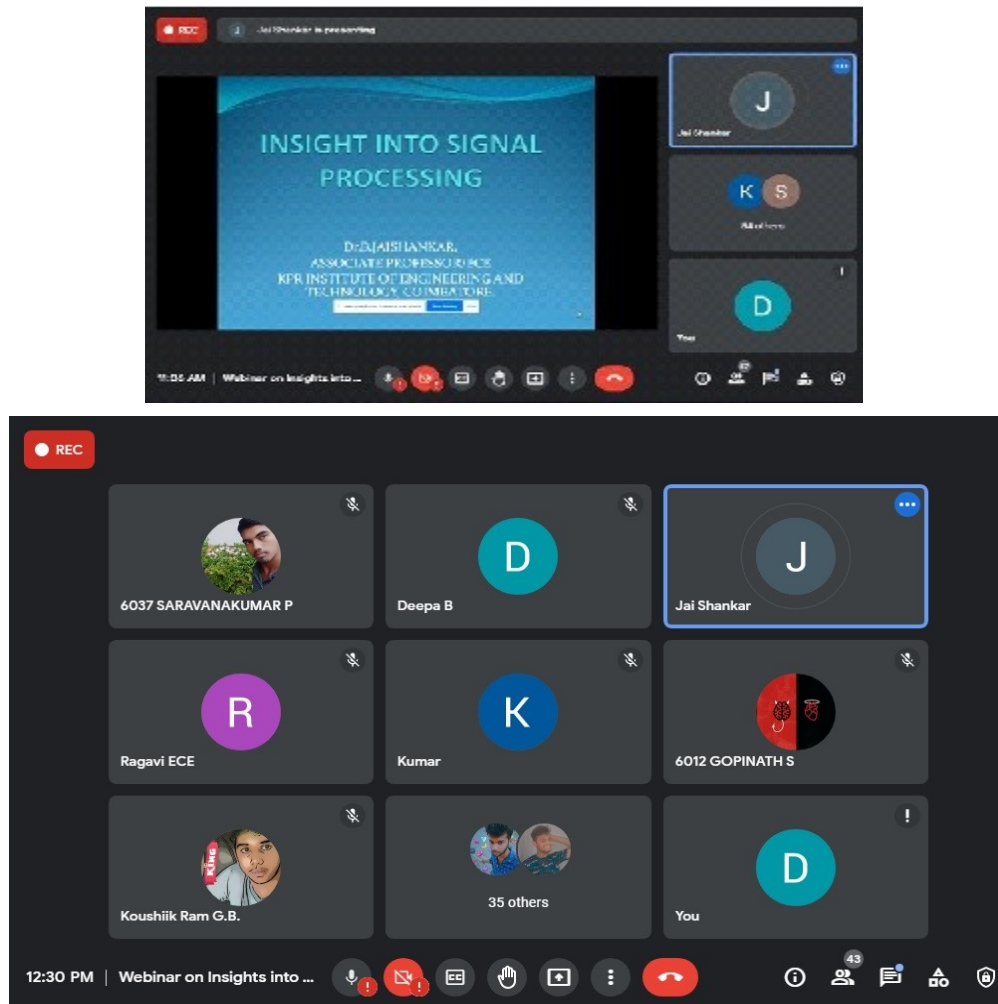
**“INSIGHTS INTO SIGNAL PROCESSING”**

With  
**DR. B. JAISHANKAR,**  
Associate Professor - ECE,  
KPR Institute of Engineering and Technology,  
Coimbatore.

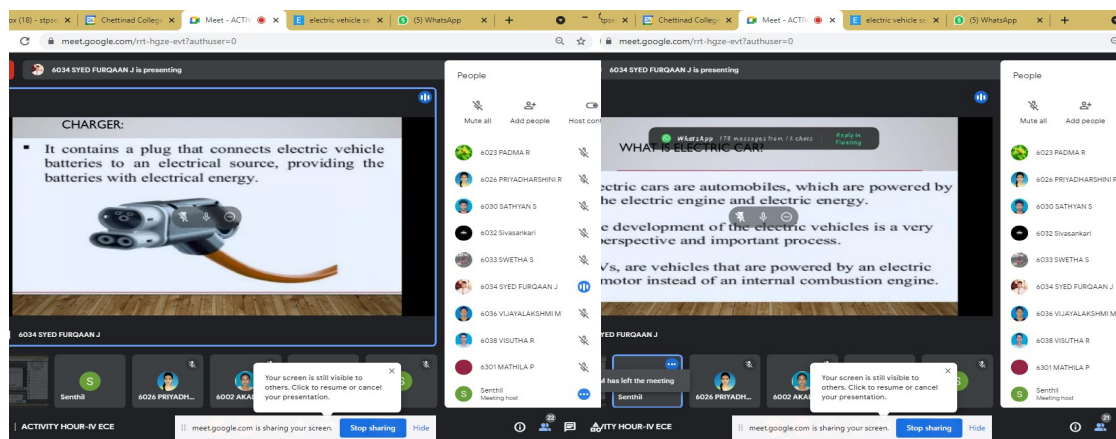
Platform  
GOOGLE MEET

Sep 23 2021 to 11.00 AM to 12.30 PM

www.chettinadtech.ac.in

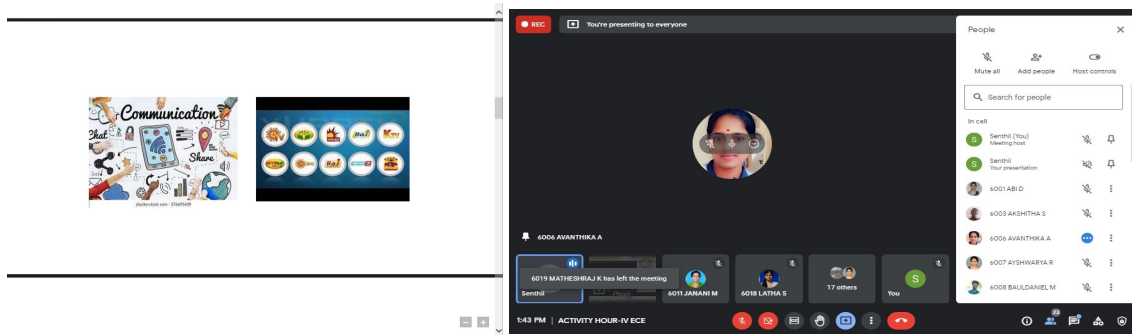


A Technical activity titled “**Presentation in E-vehicle**” was organised for the IV year ECE students on 26.08.21. Our students had an opportunity to know the challenges faced in marketing e-vehicle and the methodology used in Tesla.





A Technical activity titled “4-Picture 1-Word” was organised for the IV year ECE students on 02.09.21 to foster creativity. Many students actively participated in this activity.



A **Technical Puzzle** activity was conducted for the IV year ECE students on 15.09.21 to recall technical words and terms. Many students actively participated in the activity.



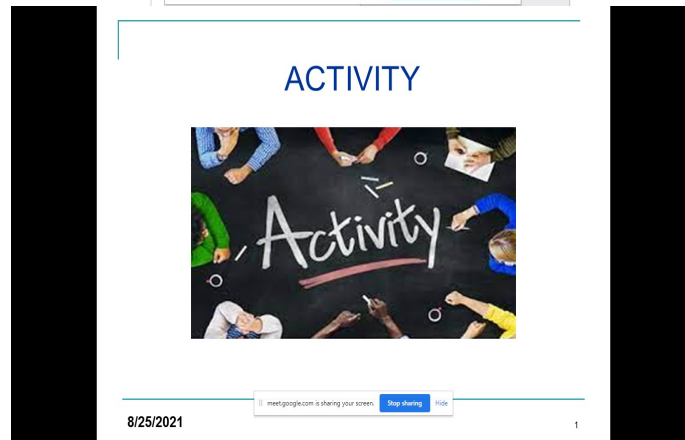
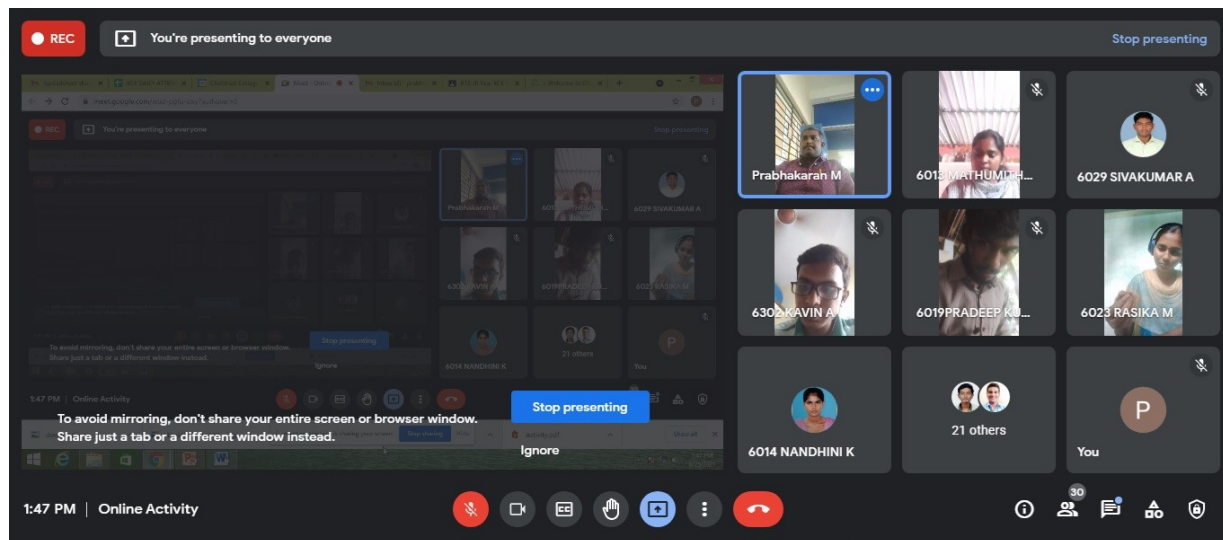
Mr.K.Vijay solving the puzzle

“**Know your companies**” an activity was conducted for the IV year students on 22.09.21. This activity helped the students to differentiate the core and IT related companies and to choose their options while they learn.

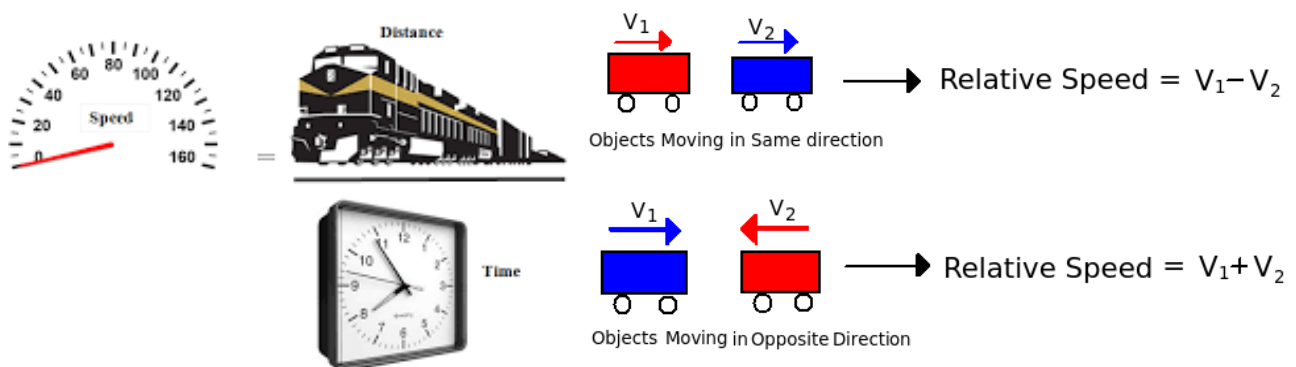


Students participating in the activity

A Technical activity titled “**Flawed Circuit Identification**” was organised for the III year ECE students on 25.08.21 to enhance the knowledge on basic electronic circuits and components.



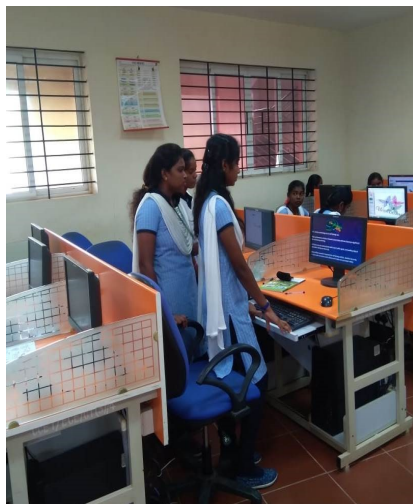
“**Problems on Trains**” an activity was organised for the III year students on 01.09.21 to understand the concept of Train based problems.



An activity named **“The Perk of Advertising”** was conducted for the III year students on 09.09.21, to think creatively and innovate new ideas to advertise and sell their products.

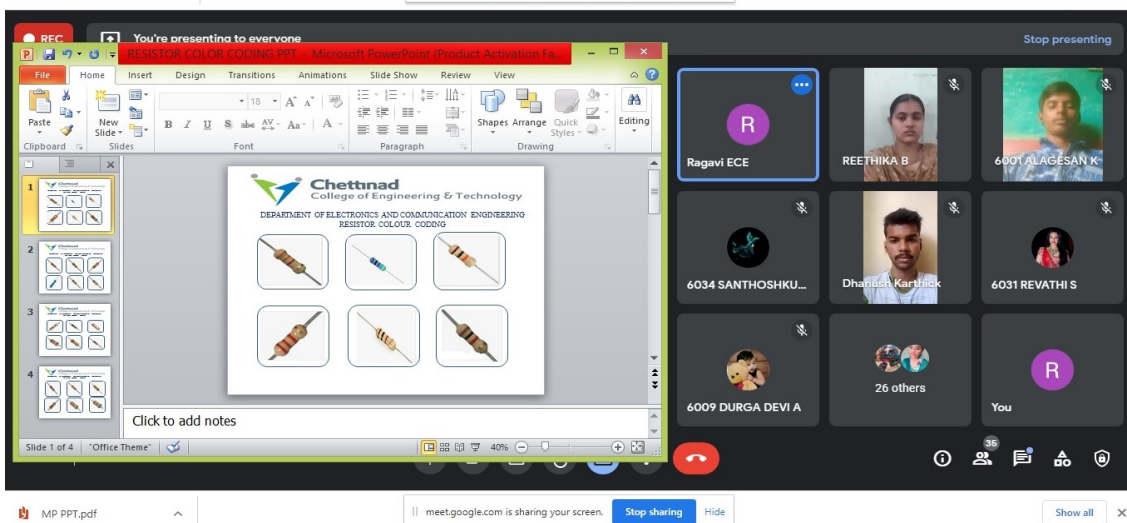
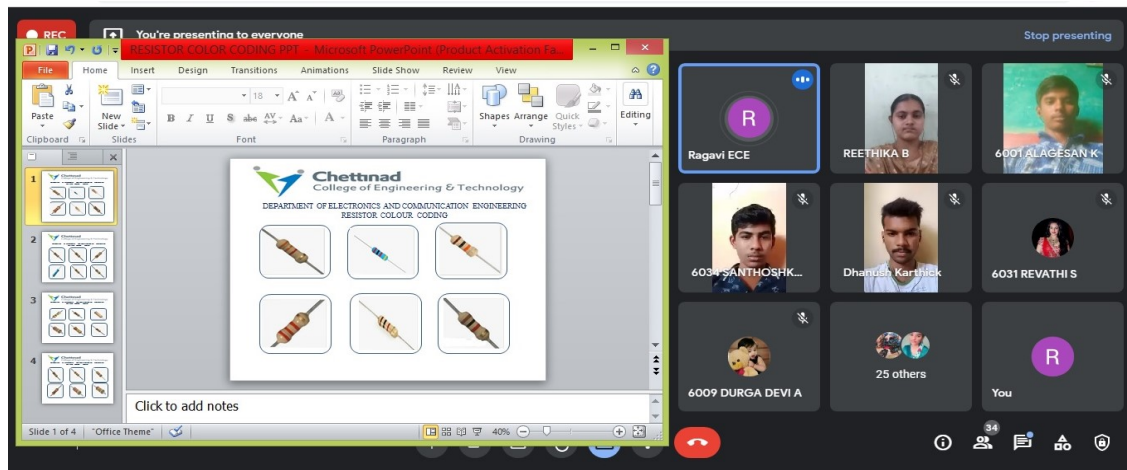


**“Lead to 5G Tech”** a technical activity was conducted for the III year students to know about the 5G Technology and its features.



Ms. Rasika and her team explaining their advertisement

“Resistor Color Coding” a technical activity was conducted for the II year students on 07.09.21 to enhance their aptitude thinking.



“Advertisement” a non technical activity was conducted for the II year students on 14.09.21 to create awareness of the products.

Dry Iron Box

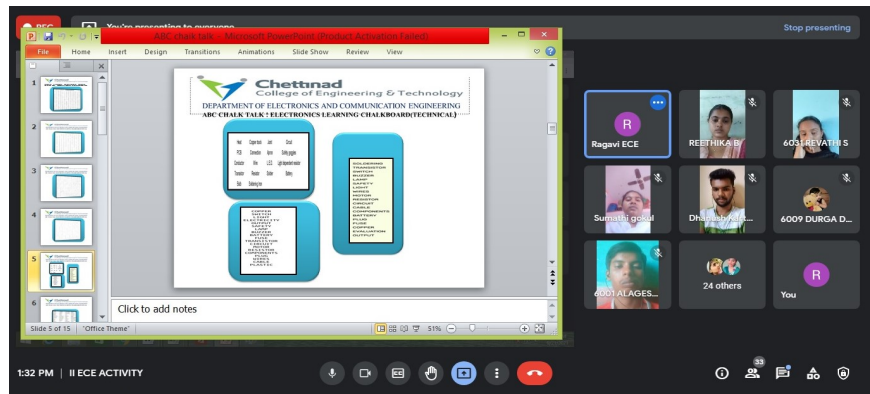
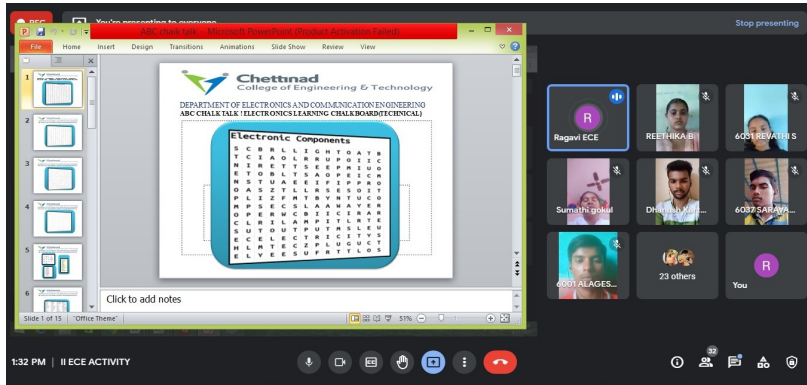
Usha EI 1602 1000-Watt  
Lightweight Dry Iron

50% Offer  
M.R.P. ₹2000.00 Price ₹1000.00  
Save Extra

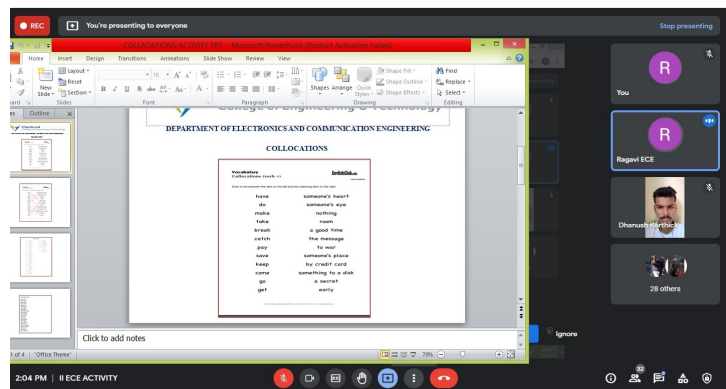
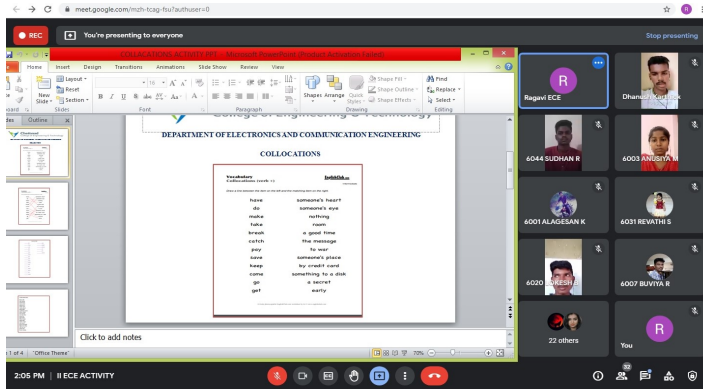


- 6.5W 114-117
- 65W SuperDart Charge India's Fastest Charging
- Sony 64MP Quad Camera Sony IMX682 Sensor
- 14.3cm (6.4") Super AMOLED Fullscreen
- Instant In-display Fingerprint
- 3-Card Slot Expandable up to 256GB
- Dual Stereo Speakers Dolby Atmos
- 65W SuperDart Charge India's Fastest Charging
- Snapdragon 720G 8nm Gaming Processor
- 32MP In-display Selfie
- Pro Nightscope with Starry Mode
- TUV Rheinland Reliability Verification (Qualiti)
- Special Night Filters

A Technical activity named “**ABC Chalk Talk! Electronics learning chalkboard**” was conducted to enhance the knowledge in technical words.



A non technical activity titled “**Collocation**” was organised for the II year students to learn more about collocations on 02.09.21.



## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

“**Circuit Building**” a technical activity was conducted for the II year students on 20.9.21. This activity enabled the students to build the circuit with the basic components used in the laboratory and improve the practical knowledge about circuit theory.

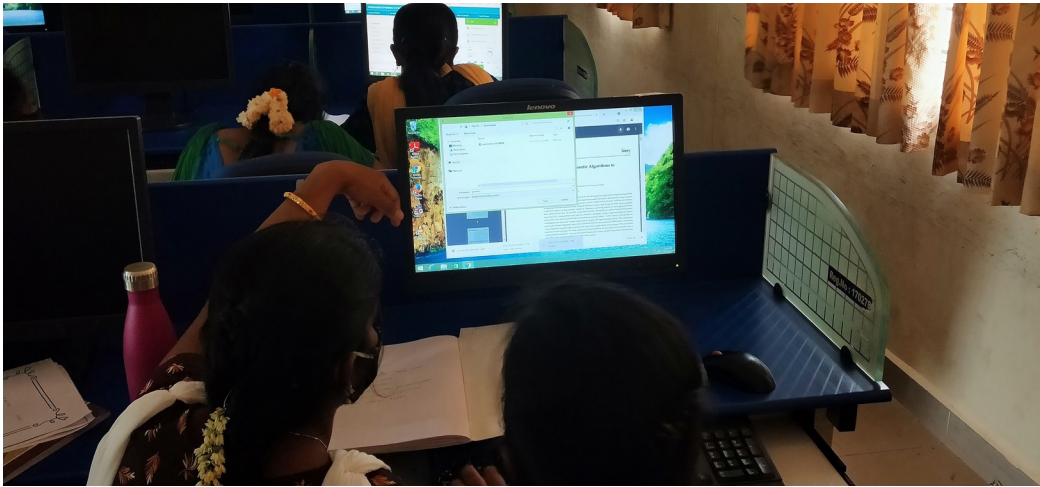


“**ELECTRIX**” an activity been organised for the II year students on 06.09.21 to know about the perceptions and expectations of potential alternative technologies in automobiles, such as Electric and Hybrid Vehicles.



EEE Students interaction with Mr.S.Rahul / EEE faculty

“**JOURNAL PROMPTS**” a technical activity was conducted for the II year students on 13.09.21. This activity gave ideas to search journal papers on the domain they need and to promote research on new technologies.



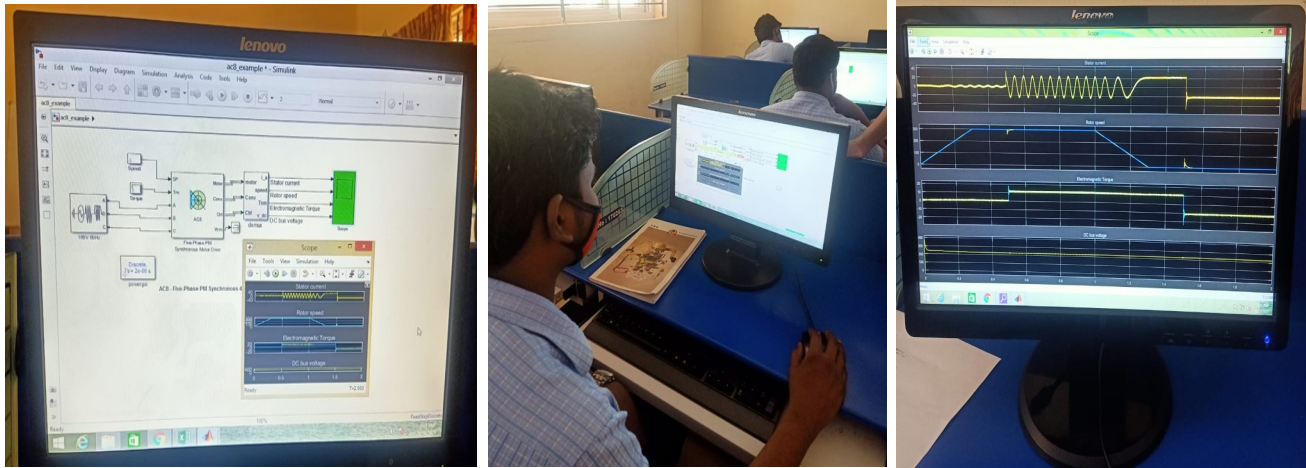
Our technocrats referring journals

“**Technical Colloquium**” a technical activity gave insights for IV year students in improving their technical skills and outshine in their profession. This activity was conducted on 06.09.21.

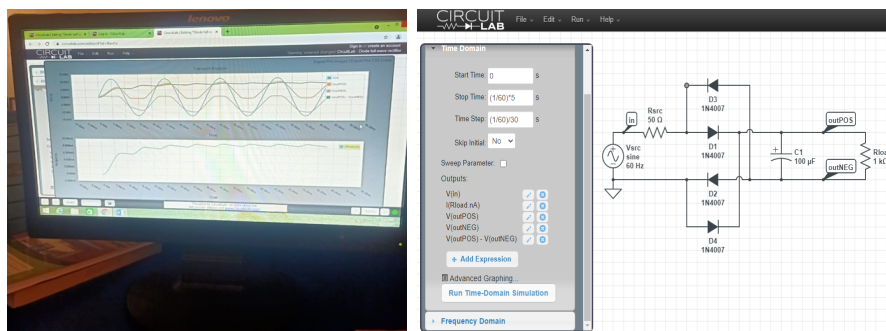


Our future electrical engineers identifying the colloquium

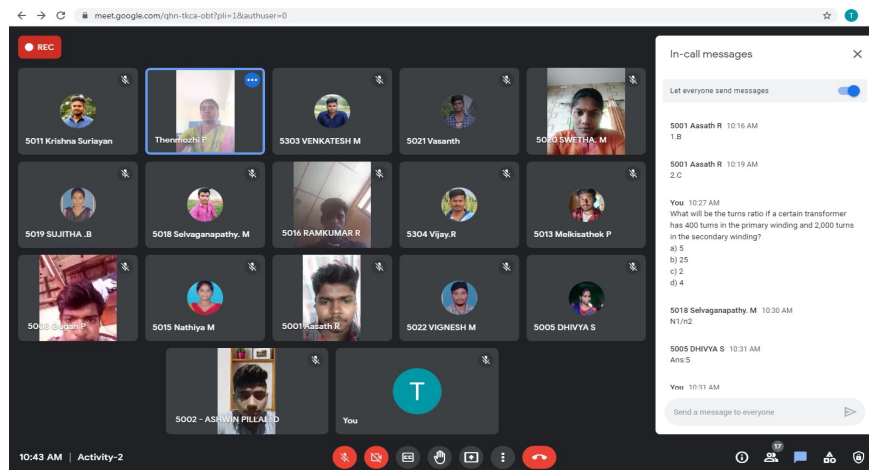
“**Machine Militia**” an activity that provided better understanding of power system analysis through digital simulation for the IV years students, was conducted on 13.09.21.



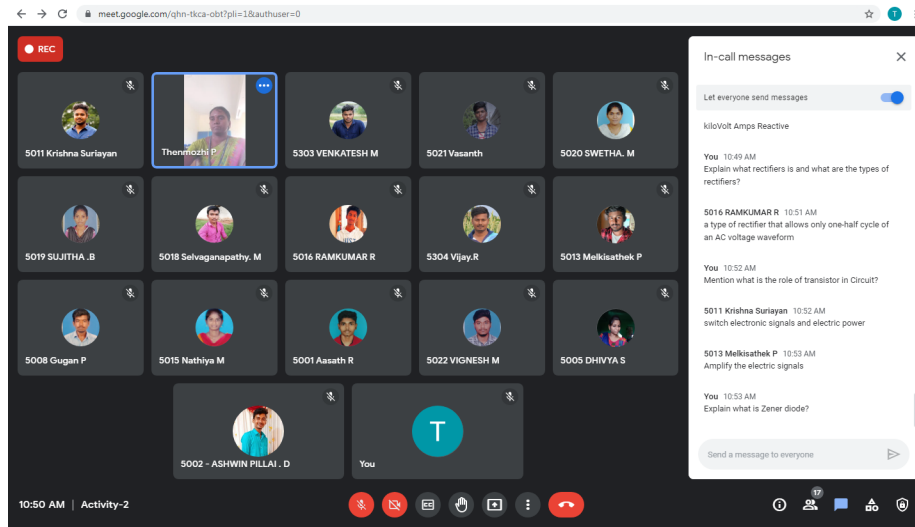
“**Crazitronics**” was given to the IV year students to understand the structure of basic electronic devices, and to provide hands on experience with power electronic converters and testing.



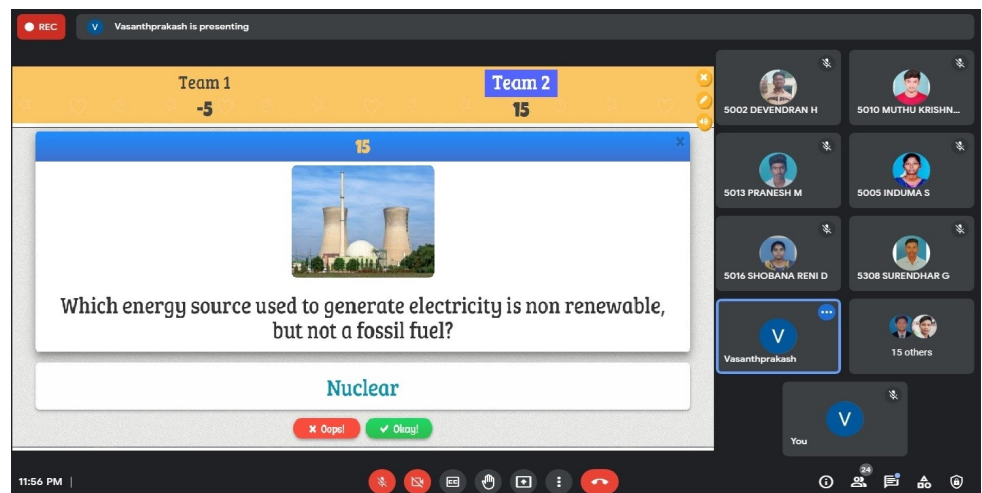
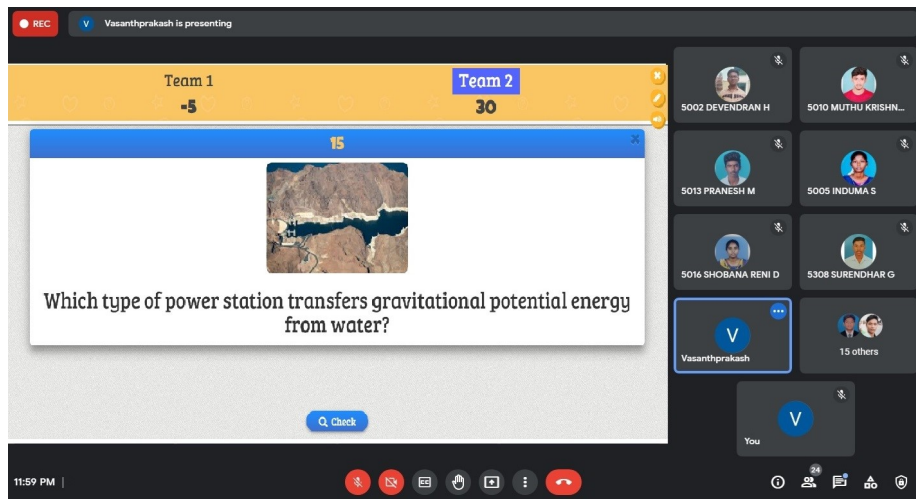
A Technical activity named “**SCINTILLA**” was organised for the IV year students to impart technical and management skills on electrical Machines, Circuit Theory, Power Systems, Electron Devices and control, etc.



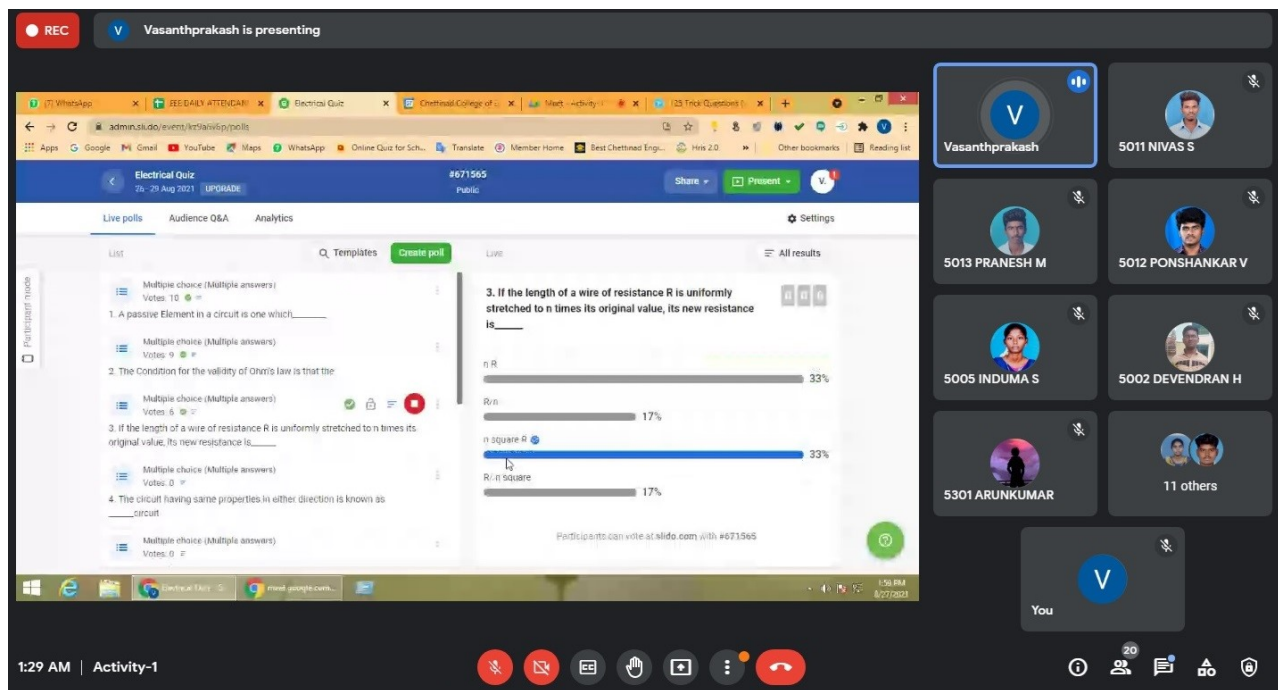
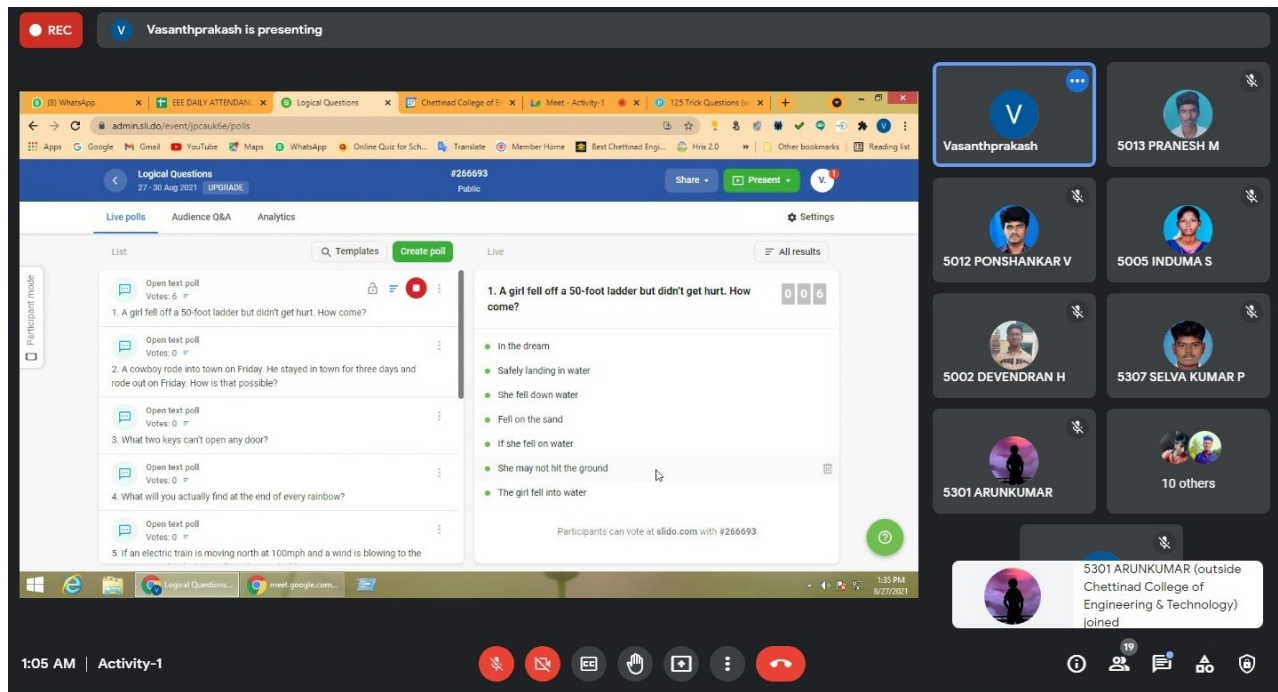




“Brain POP” a technical activity was organised for the III year students on 17.09.21. This activity helped the students to think between the dissimilar or unrelated tiles.

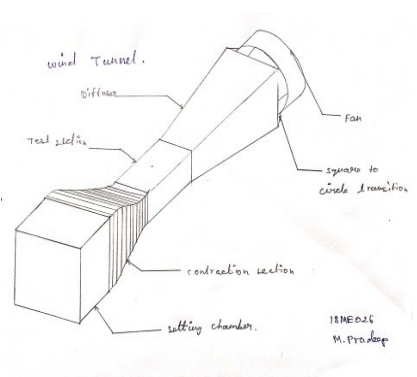
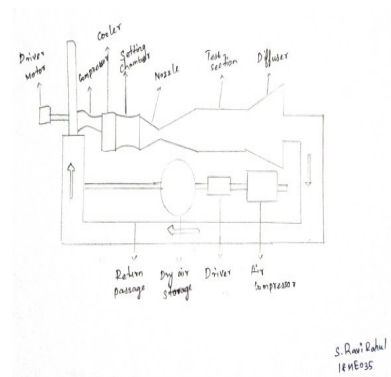
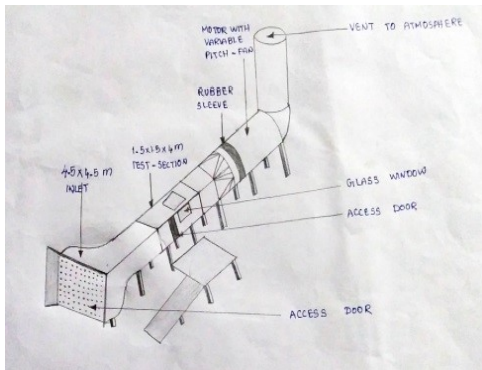
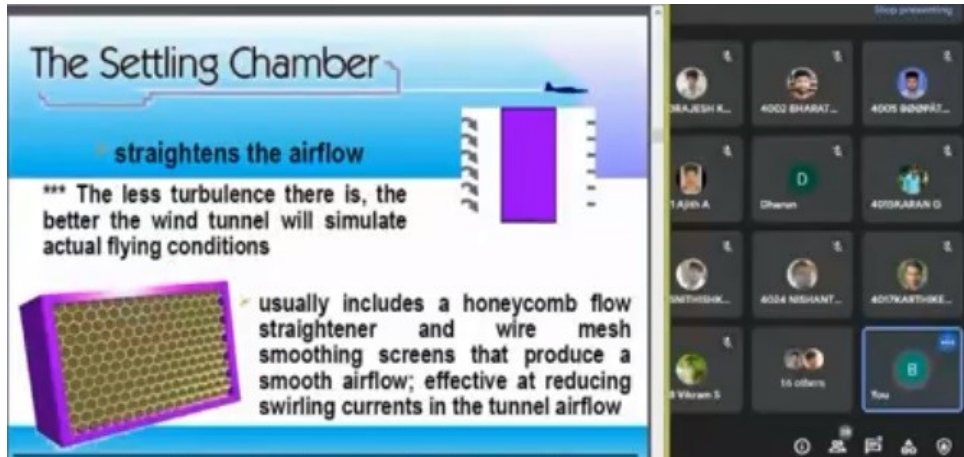


“Slido Quiz” an activity was conducted for the III year students to familiarize with the prospects of quiz and the objectivity of the questions.



## DEPARTMENT OF MECHANICAL ENGINEERING

A Technical activity “**Simulation of Aircraft and Aerospace systems**” was conducted for the IV year students on 31.08.21. This activity aimed to develop knowledge about the design, elements, types, working, advantages and disadvantages of wind tunnel.



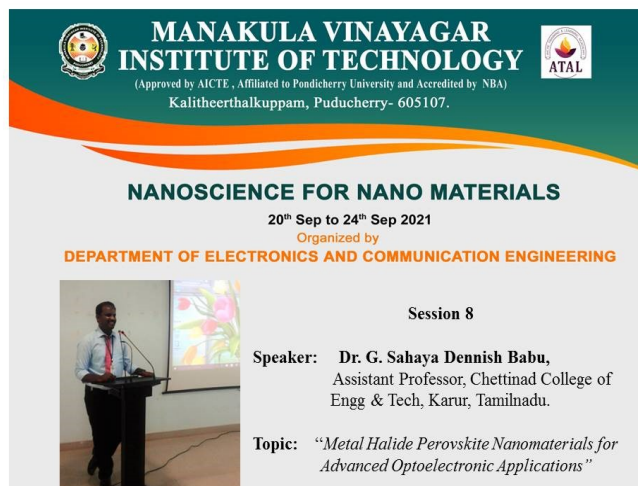
“**Industrial Safety Signs**” an activity for the IV year students was conducted to develop knowledge about the importance of displaying safety signs to prevent injury and ensure all staff are well aware of the possible dangers and hazards on 07.09.21.



Mr.S.Vinoth / IV Mech. identifying the safety signs

## DEPARTMENT OF SCIENCE AND HUMANITIES

Dr. G. Sahaya Dennish Babu, AP/Phy delivered a Webinar titled “**Metal halide perovskite nanomaterials for advanced optoelectronic applications**” in a five day Online FDP on Nanoscience for Nanomaterials organised by the Department of Electronics and Communications Engineering, Manakula Vinayagar Institute of Technology (MVIT), Puducherry sponsored by AICTE Training and Learning (ATAL) Academy, New Delhi during 20<sup>th</sup> – 24<sup>th</sup> September 2021.



**MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY**  
(Approved by AICTE, Affiliated to Pondicherry University and Accredited by NBA)  
Kalitheerthalkuppam, Puducherry- 605107.

**NANOSCIENCE FOR NANO MATERIALS**  
20<sup>th</sup> Sep to 24<sup>th</sup> Sep 2021  
Organized by  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**Session 8**  
**Speaker:** **Dr. G. Sahaya Dennish Babu**,  
Assistant Professor, Chettinad College of  
Engg & Tech, Karur, Tamilnadu.  
**Topic:** “*Metal Halide Perovskite Nanomaterials for  
Advanced Optoelectronic Applications*”

Dr. G. Sahaya Dennish Babu, AP/Phy delivered a webinar on “**Ramp-up your Project proposals**” in a One-day Research Webinar on Drafting Impactful Research Articles, Project Proposals & Patents on September 4, 2021 organized by the Departments of Physics and Chemistry & Internal Quality Assurance Cell (IQAC), Ramco Institute of Technology, Rajapalayam.



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Accredited by NAAC & An ISO 9001:2015 Certified Institution  
NBA Accredited for CSE, EEE, ECE & MECH  
RAJAPALAYAM - 626 117

**IQAC** **Departments of PHYSICS & CHEMISTRY** **INSTITUTION'S INNOVATION COUNCIL**  
INTERNAL QUALITY ASSURANCE CELL Proudly Organize a

**One-day Research Webinar on**  
**'Drafting Impactful Research Articles,**  
**Project Proposals & Patents**  
**04.09.2021**

Session - I: 10.00 AM	Session - II: 11.30 AM	Session - III: 2.00 PM
 <b>ENSURING ACCEPTANCE OF YOUR NEXT RESEARCH ARTICLE</b> <b>Dr. N. Ponpandian</b> Professor & Head, Department of Nano Science & Technology, Bharathiar University, Coimbatore.	 <b>RAMP-UP YOUR PROJECT PROPOSAL</b> <b>Dr. G. Sahaya Dennish Babu</b> Assistant Professor, Department of Physics, Chettinad College of Engineering & Technology, Karur.	 <b>NEED OF INTELLECTUAL PROPERTY IN ACADEMIA</b> <b>Er. A. Arunkumar</b> Assistant Professor, Department of Mechanical Engineering, Ramco Institute of Technology, Rajapalayam.
 <b>PATENT SEARCH &amp; DRAFTING</b> <b>Er. G. Praburam</b> Assistant Professor (Sr. Gr.), Department of Mechanical Engineering, Ramco Institute of Technology, Rajapalayam.		

• Faculty, Research Scholars, UG/PG Students and Industry persons can attend.  
• E-certificates will be provided.

**FREE REGISTRATION LINK:**  
<https://tinyurl.com/ritrjpmphychemwebinar>

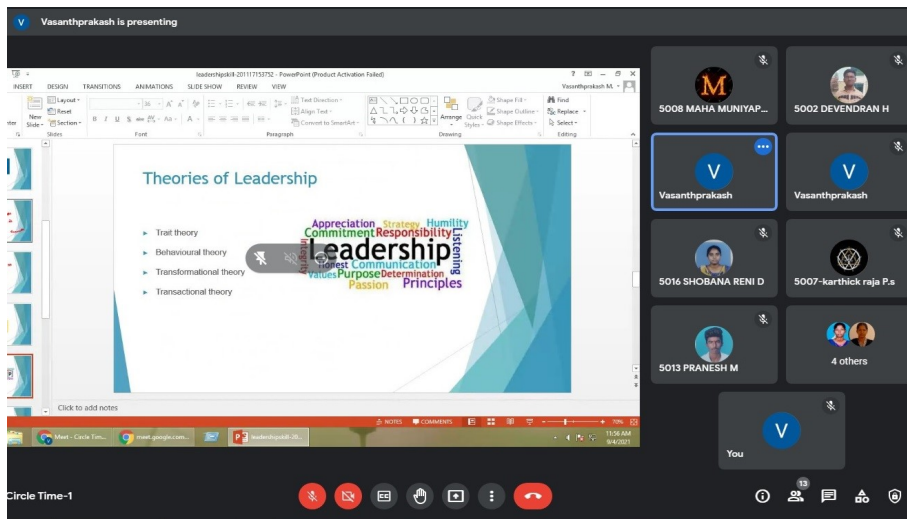
**CHIEF PATRON** **PATRON**  
**Dr. L. GANESAN** **Dr. S. RAJAKARUNAKARAN**  
PRINCIPAL VICE PRINCIPAL

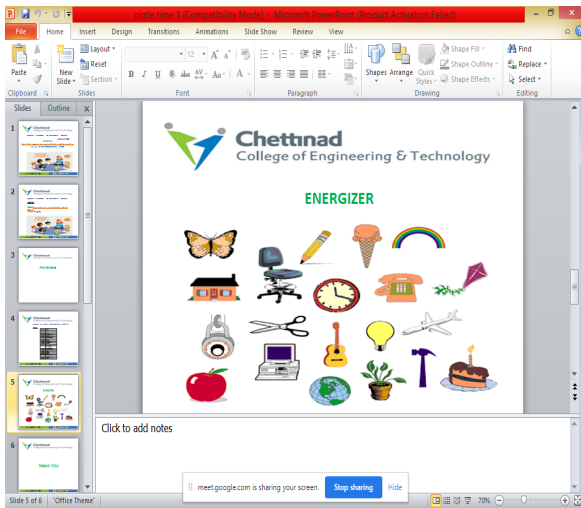
**CONVENOR(S)** **COORDINATOR(S)**  
**Dr. N. KARTHIKEYAN,** **Dr. V. VIGNANANARAI, AP/Phy/Gr./Physics** **Dr. R. KANTHIMATHI, AP/Chemistry**  
Hod/Physics **Dr. P. THEERURAMANATHAN, AP/Physics** **Dr. R. SIVAYATHI, AP/Phy/Chemistry**  
**Dr. S. SENTHILKUMAR,** **Dr. S. JAYAKARAI, AP/Physics** **Dr. M. VENKATESH PERUMAL, AP/Chemistry**  
Hod/Chemistry

For Queries, Contact us 80722 77609 / 95002 51031, karthikeyan@ritrjpm.ac.in, senthilkumar@ritrjpm.ac.in

## QUALITY CIRCLE TIME

Quality Circle Time was conducted every week for the students to have good rapport with their mentors and to share their views freely without any inhibitions. Here are some glimpses:



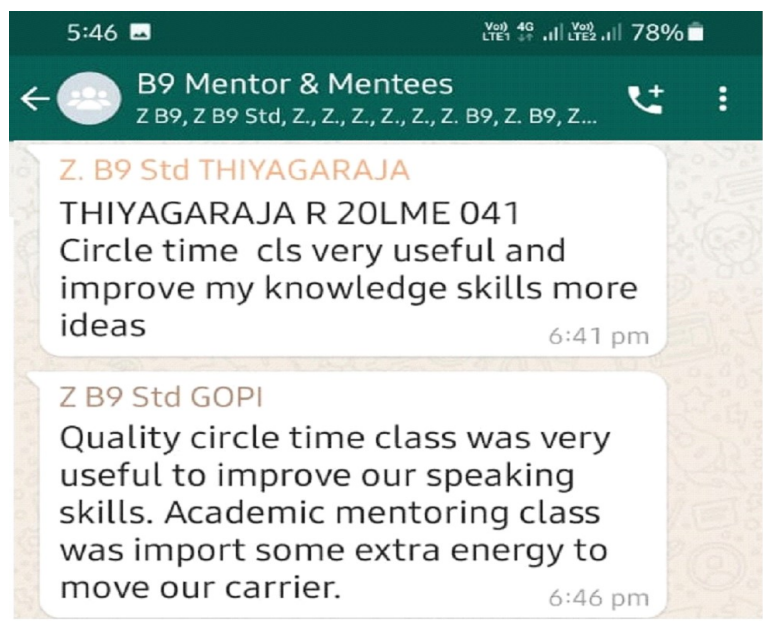


Name - Surendar G  
 Class - III EEE

Session title - Positivity after pandemic

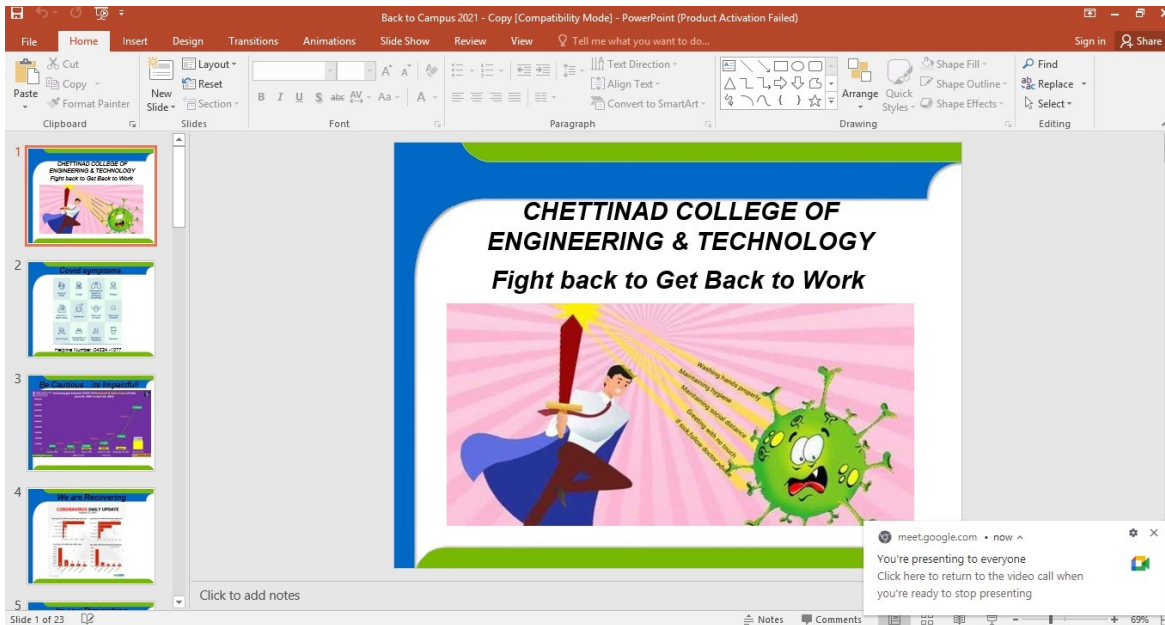
This class was more interesting and game conducted during the class make us refreshing and after the class the positivity was devoleped with us

Warming up and cheering up games are interesting



## SOCIAL CLUBS:

The NSS Unit of ChettinadTech conducted “**Corona Awareness**” programme for all the UG students on 13-08-21.



Our NSS Unit of ChettinadTech conducted Corona vaccination camp to our staff, students and the public on 27-08-21 & 31-08-21.





Our Social Welfare clubs of ChettinadTech celebrated “Teacher’s Day” on 04/09/2021 by conducting a debate titled **“Teachers and student relationship - Olden Days vs Modern Days”**. Mr.R.Sivamurugan, HoD, Science and Humanities presided over the debate. Faculties of various departments participated and shared their valuable points for their team. Finally fun events were conducted for all the faculty members.



Team of Debaters of ChettinadTech





Mr. Murugesan, Asst Prof/MBA Debating on the topic

Our NSS Unit of ChettinadTech celebrated NSS Day on 19-09-21. Speech competition titled “**Role of Students in the Development of Society**” was conducted. Many active participants participated in the events.



ChettinadTech NSS participants in the competitions



Ms. Akshaya / III CSE welcoming the gathering



**PLACEMENTS**



Our best wishes to ChettinadTech students placed as 'Software Developer Trainee' with a salary package of 3 Lakhs per annum in Mallow Technologies.



**Mahaalakshmi P**  
CSE



**Mohammed Riyas A A**  
CSE



**STUDENTS FEEDBACK**

It was really nice session. During this session I know about others feelings and I remembered my past life.  
 Thanking you mam,  
 R. Kowsalya  
 11-EEE.

In this circle time, we discussed about the topic poms and Wows. We all shared about our strength and weakness to our friend. This makes us to know their experenues each other. All of us enjoyed the topic and circle time. Thanks for conducting such valuable circle time.  
 T. Prayalhar  
 20EE019.

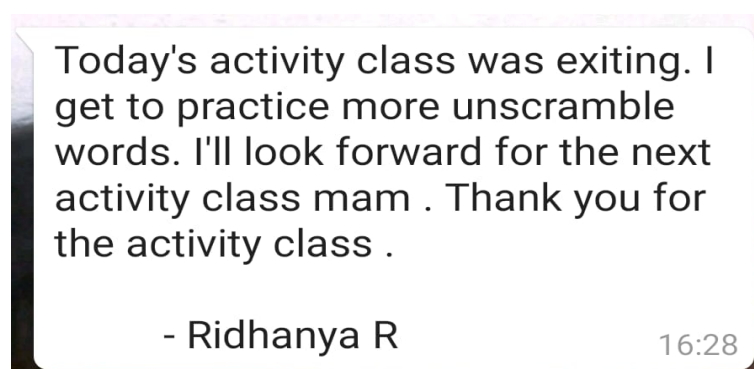
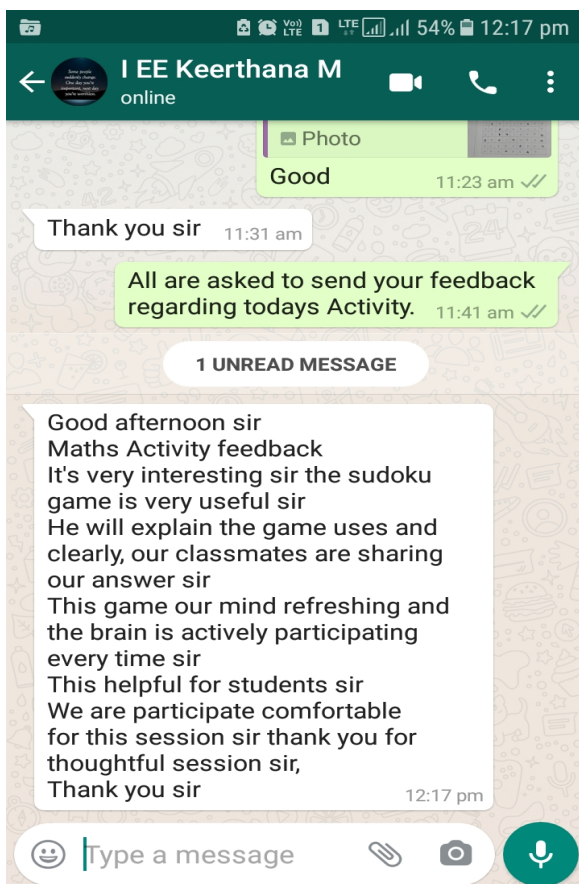
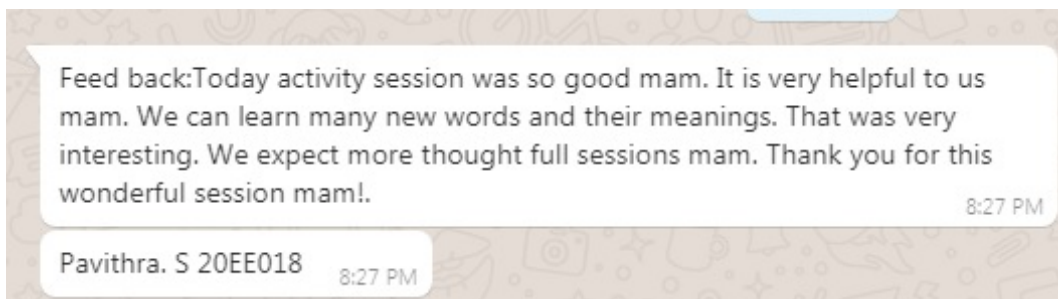
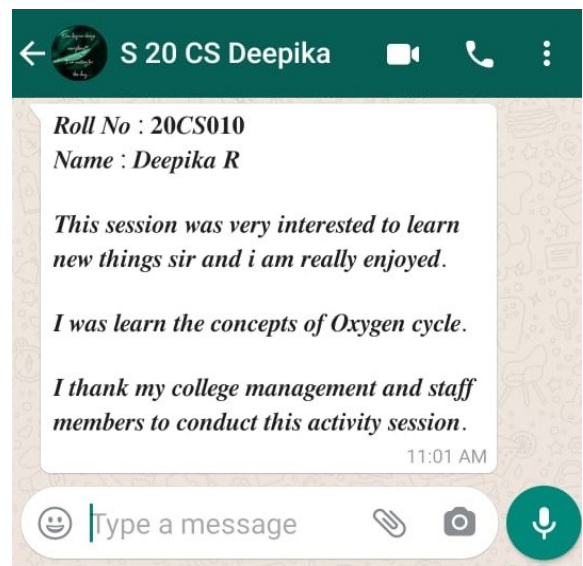
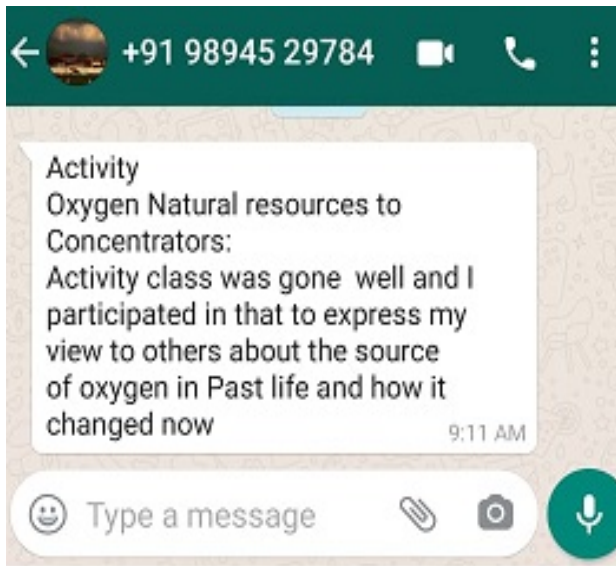
Naveen B7  
 It's a really a pleasure one having such a good period because it shows us how communicate with others and how to manifest ourselves infornt of others especially in a common place and also interview purposes too and thanks for giving us this opportunities.  
 10:46 am

B13 EMILIN PEA...  
 Today  
 Send ur feedback about QCT on most memorable Day in ur life 6:09 pm ✓✓  
 Feedback about QCT  
 In our QCT session, we had a great chance to share about our most memorable day in our life and some warm-up activity to free feel to express our thoughts. It is helpful to develop our communication skills ... Thank you for this QCT session sir!  
 6:22 pm

B13 NANDHINI K  
 Yesterday  
 Send ur feedback about QCT on most memorable Day in ur life 6:09 pm ✓✓  
 You  
 Send ur feedback about QCT on most memorable Day in ur life  
 The class is really very enjoyable, fun and fully happiness over loaded...  
 6:27 pm

Revathi 1  
 0:22 6:21 am ✓✓  
 0:35 7:21 am ✓✓  
 Da send non technical activity collocations feedback 7:22 am ✓✓  
 1 UNREAD MESSAGE  
 It is very useful. Using a different combination of words sounds unnatural. Some common collagations are :to make a mistake ,but dont do a mistake 7:43 am

Anusya m 1  
 online  
 and submit before 10am today 6:20 am ✓✓  
 0:22 6:21 am ✓✓  
 0:35 7:21 am ✓✓  
 Da send non technical activity collocations feedback 7:23 am ✓✓  
 Collocation activity class is very intresting and it helped us to know how to make new sentence. This class improves our speaking skills. 8:05 am





**Chettinad**

**College of Engineering & Technology**

Approved by AICTE-New Delhi and Affiliated to Anna University-Chennai.

NH-67, Karur-Trichy Highway, Puliur CF, Karur, Tamil Nadu – 639114.

☎ 93450 02630, 93607 02630

✉ [principalccet@chettinadtech.ac.in](mailto:principalccet@chettinadtech.ac.in)

🌐 [www.chettinadtech.ac.in](http://www.chettinadtech.ac.in)