College of Engineering & Technology

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# Newsletter

Issue 2 | Mar - Apr 2021

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THE INTERNATIONAL E-WORKSHOP ON SCIENCE AND TECHNOLOGY OF EMERGING MATERIALS ESTEM-21

The Chettinad College of Engineering and Technology has become a leading Institute of Engineering & Technology in Tamil Nadu. It strives hard ensuring their students to be quality human resources and befitting to the industries globally. Even at this crucial situation the college is committed to strengthen the online learning during the pandemic and enabled refined technology for the students to experience, feel, understand whether they are in the classroom, at home, or videoconferencing in, from different places altogether.



The S & H department conducted an International e-Workshop on Science and Technology of Emerging Materials eSTEM-21 - Virtual Mode. The International e-Workshop provided an international platform to share immeasurable knowledge among young researchers, students and industrial delegates result in the development of the personal skills and the nation, through delightful knowledge sharing.

## WOMEN'S DAY CELEBRATION

The Women Empowerment Cell of Chettinad College of Engineering & Technology organized a special programme to commemorate International Women's Day on 8th March 2021. Mrs. Surya Kannan, Tamil Motivational Speaker, Tiruchirapalli, the invited guest gave a motivational talk on the role of women in changing the society from Subramania Bharati's view. The day ended with several competitions for the students and faculty and prizes were distributed to the winners.





Prize winner receiving the prize from the chief guest

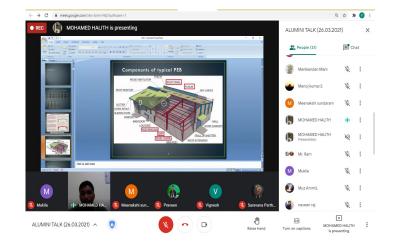
# **DEPARTMENT ACTIVITIES**

# **DEPARTMENT OF CIVIL ENGINEERING**

A Webinar on Seismic Resistant Structures was conducted by the department of Civil engineering on "Seismic Resistant Structures". The webinar was hosted by Dr.P.Saravanakumar, Assistant Professor (Sr.Grade), Department of Civil Engineering, I R T T, Erode. He explained about the sources of earthquake, movement of plates, concept of tectonic plates, concept of elastic rebound theory, formations of boundary, types of earthquake, Indian earthquake scenario, seismic zoning map, guidelines for earthquake resistant design and detailing.

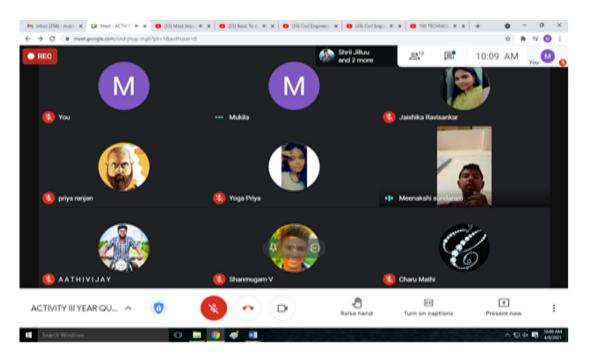


"**Alumini Talk**" an activity was conducted for the civil students on 26.3.21 by the alumnus Mr.A.Mohamed Halith, Design Engineer, Extra co Industries-UAE., one of the eminent alumnus of Chettinad Tech. He shared his working experience and job opportunities in PEB.



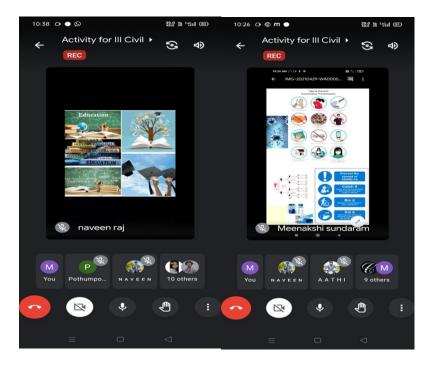
# **Technical Quiz**

A Technical Quiz was organized for the III CIVIL Students on 8.4.21 for all the II and IV year students to create interest in their core subjects.



# **EXTRA CURRICULAR ACTIVITIES**

A Debate titled "**Clash of the Titans**" was arranged for students on the topic "Women Empowerment". Many students actively participated in the event. "**Collage making**" a non - technical activity was conducted for the III year civil students. The students participated actively in this activity which boosted up their creativity in their core subjects.



An activity titled "**Scattergories**", fast-thinking game of words and categories was conducted for the II and IV year civil students on 30.3.21.



An activity titled "**Arch O Graphy**" was organized for the II and IV year civil students on 20.3.21. This activity created high interest for the students in which their physical evidence related to the life ways of people in the past and also modern times.

#### Arch-O-Graphy

- An Arch-O-Graphy is a place (or group of physical sites) in which evidence of past activity is preserved
- (either prehistoric or historic ) and which has been or may be investigated.It is any place where there are physical remains of past human activities.

It can be defined as a place in which there is physical evidence relating to the life ways of people in the past and also modern times.

#### Colosseum



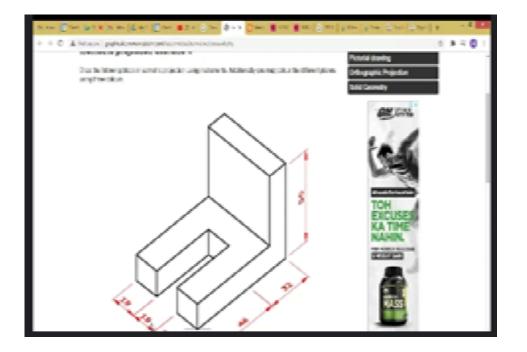
"**Pictorial Narrator**" is a non-technical activity conducted for III year Civil students. Narration is an act of telling a story, usually in some kind of chronological order. This activity proved to be an evidence to improve their spot thinking ability.

An activity was conducted for the III year students on 17.3.21 to create "**Best out of waste**". This activity helped the students to develop team spirit and organize the thinking to create something useful.



Students with their best out of waste

An activity named "**Bob the builder**" was conducted to boost up the III year civil students curiosity and kindles creativity. This activity was conducted on 25.3.21.



"SimCity" an activity was conducted for the II year civil students on 5.3.21. This sim city activity made the students to plan for their corresponding building (i.e., Residential Building).

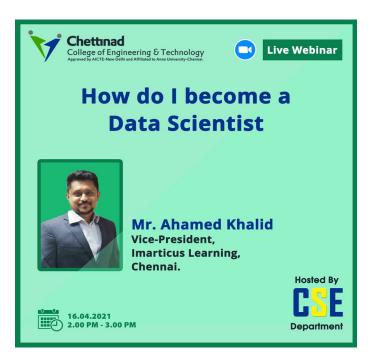


"**Poster Presentation**" was given to the III year civil students one day in advance on Low Cost Housing, Power Wall building, Generation of Biogas by Domestic Waste. Many students participated actively.



# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A webinar on "**How do I become a Data Scientist?**" was organized by the Department of Computer Science and Engineering on 16.04.21. The session was handled by Mr. Ahamed Khalid, Vice-President, Imarticus Learning, Chennai. He outlined the importance of Data Analysis and tools used in each of the Data Analysis processes.

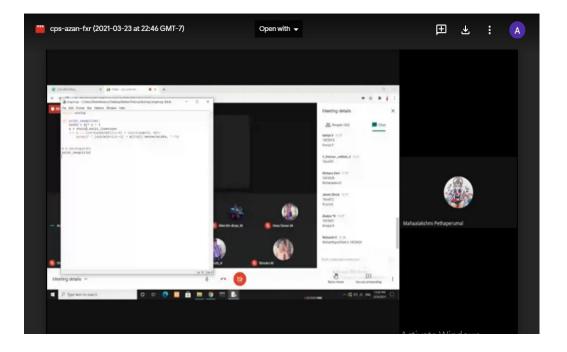


A webinar on "**Industry Expectations and Employability skills**" was organized on 24.04.21. The session was handled by Mr. C. Vigneswaran, Senior Tech Lead, HCL Technologies, Bangalore.



# **EXTRA CURRICULAR ACTIVITIES**

An activity titled "**Code Gram with Python**" was given to Computer Science students. This Technical activity encouraged the students to develop their Programming Skills and to try their own coding logics.



"Interrogating the PHP Template" an activity was conducted for the Computer Science students on 9.3.21. The students had the opportunity to learn how to decompile and compile PHP pages.

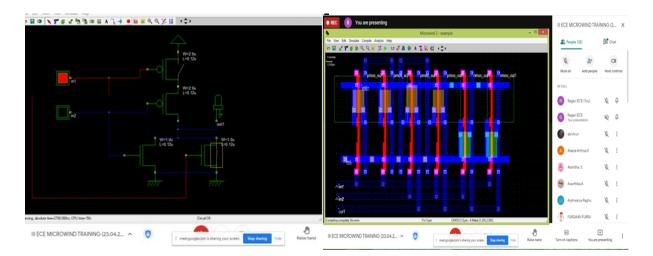


#### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Dr.T.Kavitha, Professor, Department of Electronics and Communication Engineering, Vel Tech Rangarajan Dr.Sagunthala R & D Institute of Science and Technology, delivered a Webinar on **"Next Generation Wireless Technology Free space optics**" on 25.3.21. The chief guest shared her experience in the field of Wireless Sensor Networks domain based on Free space optics.

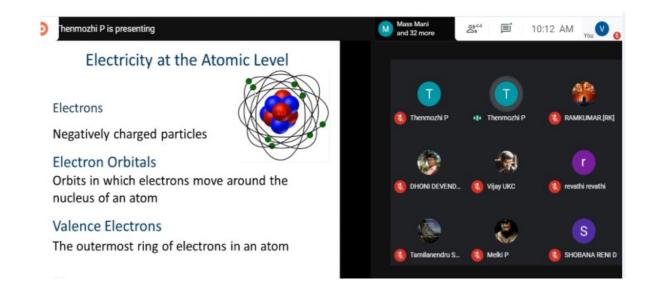


A One day **"Hands on Training on Microwind"** was conducted for the ECE students on 23.4.21 by D.Ragavi, Assistant Professor, Chettinad College of Engineering & Technology, Karur. This activity helped the students to understand and practice The MICROWIND software.

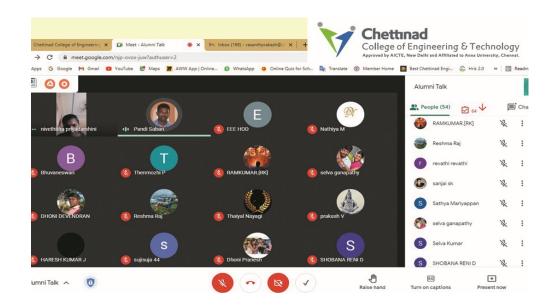


# DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

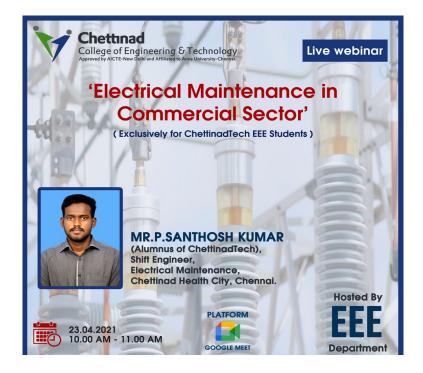
A One day online workshop on "**Commercial Electrical Layout Design & Strategies**" was conducted on 16.4.21 for the EEE Students. Nature and Concept of Electricity, Electricity at the Atomic Level-Components of an atom, Overview of Single phase and Three phase circuits, Different terms used in electrical network, Concept of Earthling.



The Department of Electrical and Electronics Engineering organized an Alumni Talk on "**Ways to Overcome Hurdles to Destiny**" for B.E EEE students on 17-04-2021. Ms. Nivethitha Priyadharshini D R, PCB Design Engineer, Tessolve Semiconductor Pvt. Ltd, Coimbatore., ChettinadTech. Alumna motivated young budding engineers to be proactive to face the current challenges in their professional life.

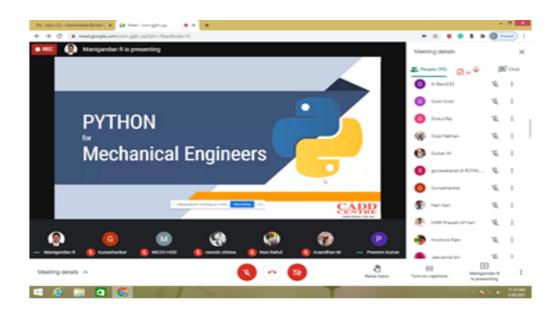


A webinar on "**Electrical Maintenance in Commercial Sector**" was conducted for the EEE students on 23.4.21 by Our Chettinadtech alumnus Mr.P.Santoshkumar, Shift engineer, Chettinad Health City, Chennai hosted the session.



### DEPARTMENT OF MECHANICAL ENGINEERING

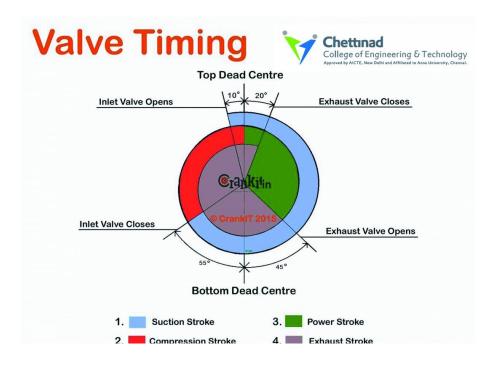
The Department of Mechanical Engineering conducted a webinar on "**Python Programming in Mechanical Engineering Design**" for the Mechanical Engineering students on 30.03.2021. The webinar was hosted by Mr.R.Manigandan, Engineer Business Support, CADD Centre, Chennai, gave a brief introduction about Python based Mechanical Software's.



The Department of Mechanical Engineering conducted Alumni Talk **on Mechanical Engineering Design**" for Mechanical Engineering students on 24.04.2021. Mr. P. Karthick, ChettinadTech. alumnus, Design Engineer, Tane Technologies, Bangalore, highlighted the opportunities available in Design Jobs for Mechanical Engineers.

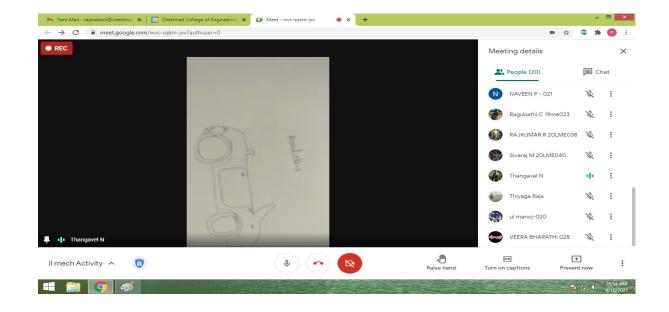


"Four Stroke Petrol Engine Valve Timing Diagram", an activity was conducted for the IV year students on 5.3.21.

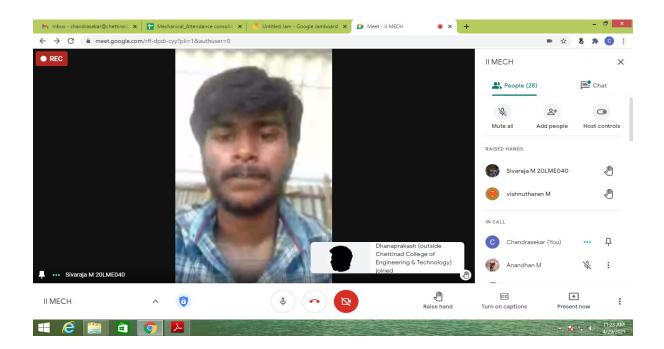


# **EXTRA CURRICULAR ACTIVITIES**

"**ORIGAM**" a non technical activity was arranged for the II year students on 16.4.21. The activity helped our students to create Different models of automobiles and aircrafts through origami.



A Debate on "**SOCIAL MEDIA**" was organized by the II year students on 23.4.21 to improve the Communication skills and to increase their self-explanatory thoughts.

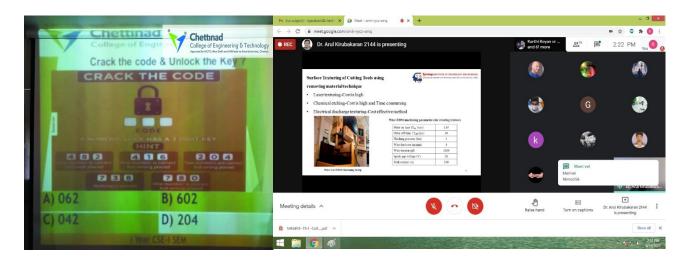


A Technical Activity "**Building A Hydraulic Catapult**" was conducted for our Third Year Mechanical Engineering Students on 06-03-2021.

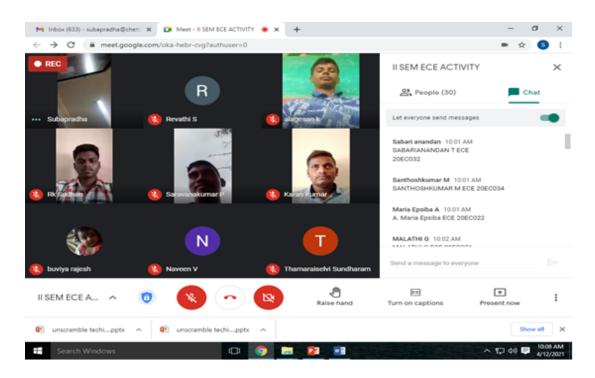


# **DEPARTMENT OF SCIENCE AND HUMANITIES**

The Department of Science and Humanities organized "**Brain Teaser**" activities for our 1st year BE students on 11th March. Brain teaser activities exercise the mind, sharpen the thinking process, stimulate creativity and improve concentration and memory.



An Activity titled "**Unscramble Techie words**" was organized for the I year engineering students to enhance their vocabulary, lateral thinking and creativity.

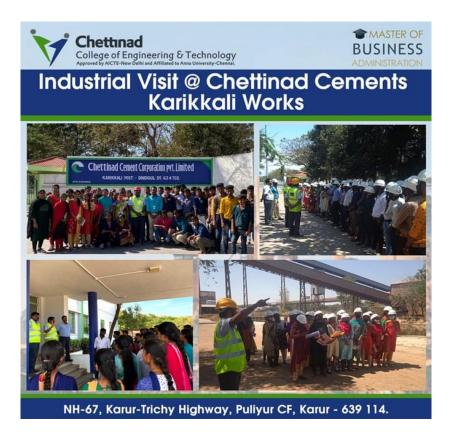


"**Model green house gases**" an activity was conducted for the I year EEE students on 27.4.21, to understand advantages and disadvantages of the green house effect.



# DEPARTMENT OF MANAGEMENT STUDIES

The I year students of MBA went on an "Industrial visit" to Chettinad Cements on 05.03.21.



An activity on "**Business Plan Presentation**" was conducted for I year MBA students on 1.3.21. This activity helped the students to know how to prepare a business plan.



A "**Team Building**" activity was arranged for the MBA students on 03.03.21. This activity encouraged communication and teamwork among the students.







# FACULTY LEARNING PROGRAMME

On 18-03-2021 our college organized a Faculty Learning Programme on the topic "**Recent Advances, Challenges and Opportunities on Perovskite Optoelectronic Devices.**" Dr. G. Sahaya Dennish Babu, Assistant Professor/Physics, Chettinad College of Engineering and Technology, Karur, handled the session.





#### STUDENTS' FEEDBACK

- Wogapriya B7 CC... last seen today at 7:41 pm This activity (collage making)makes

us think out of the box. Makes our session more interesting. leting us to know about more other than subject. 6:55 pm



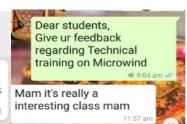
Dear students, Give ur feedback regarding Technical training on Microwind

The session is useful and interesting. I had learnt a microwind clearly. 5:33 pr



Mariaannsolam last seen today at 11:14 AM

The activity class is wonderful. It's a brain work general knowledge in developing engineering study's Thank you sir 11:15 AM





Vino B7 online

Technical quizz:

this session is very interesting and competitive . Helps us to recall he basic knowledge &also acquire new knowledge. It helps us to know the accuracate answer for the technical questions.



# Z. B18 Std NASGATH FARHANTHA A

Nasgath Farhantha. A

Feedback: Questions from basic concepts and understanding the statement step by step gives maximum correct answer to score recollection of python learnt with calm feeling of refreshing without any rush.

Personally last time I gave highest climber for some of the question , you motivated to give maximum correct answer that's the only work running behind my mind.... This time successfully mission accomplished with full satisfaction... Thank you mam

12:45

# **SOCIAL CLUB ACTIVITIES**

# NATIONAL SERVICES SCHEME - NSS

In the view of enhancing the immune of our staff members, Our NSS Unit of Chettinadtech provided Kabasura kudineer and Moringa Leaves soup to staff members from 15-04-2021 to 17-04-2021.



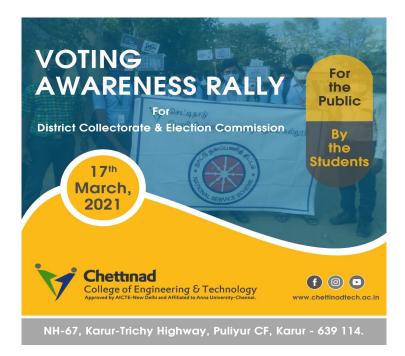
# **VOTERS AWARENESS**

Our Social Welfare Clubs of Chettinad Tech organized an awareness program for Voting on 22.03.2021, 11.45 pm to 12.30 pm in C Block Seminar Hall Mr. A. Ramesh, Election awareness officer, Krishnarayapuram and Mrs. C. Gayathri, Election commission officer, Krishnarayapuram discussed with the students regarding the importance of voting and cleared the doubts of the students. Our student volunteers formed a human chain to create awareness about 100 % voting.



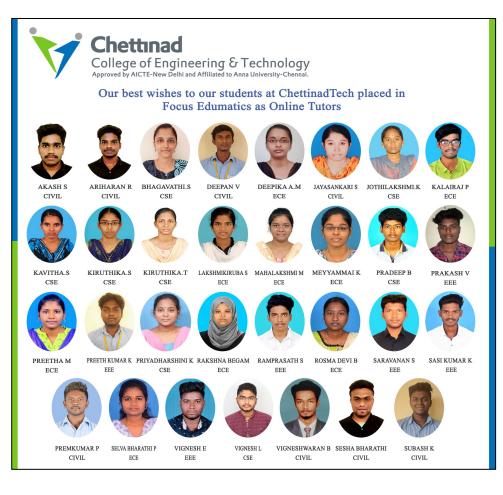
# VOTERS AWARENESS RALLY

"VOTERS AWARENESS RALLY" was organized for "District Collector and Election Commission" in connection with Election of Tamil Nadu on 17.03.2021.













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