



Chettinad

College of Engineering & Technology

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

Oct - Nov 2021

UHV - STUDENT INDUCTION PROGRAMME 2021

REPORT ON B.E I Year Student induction Programme 2021

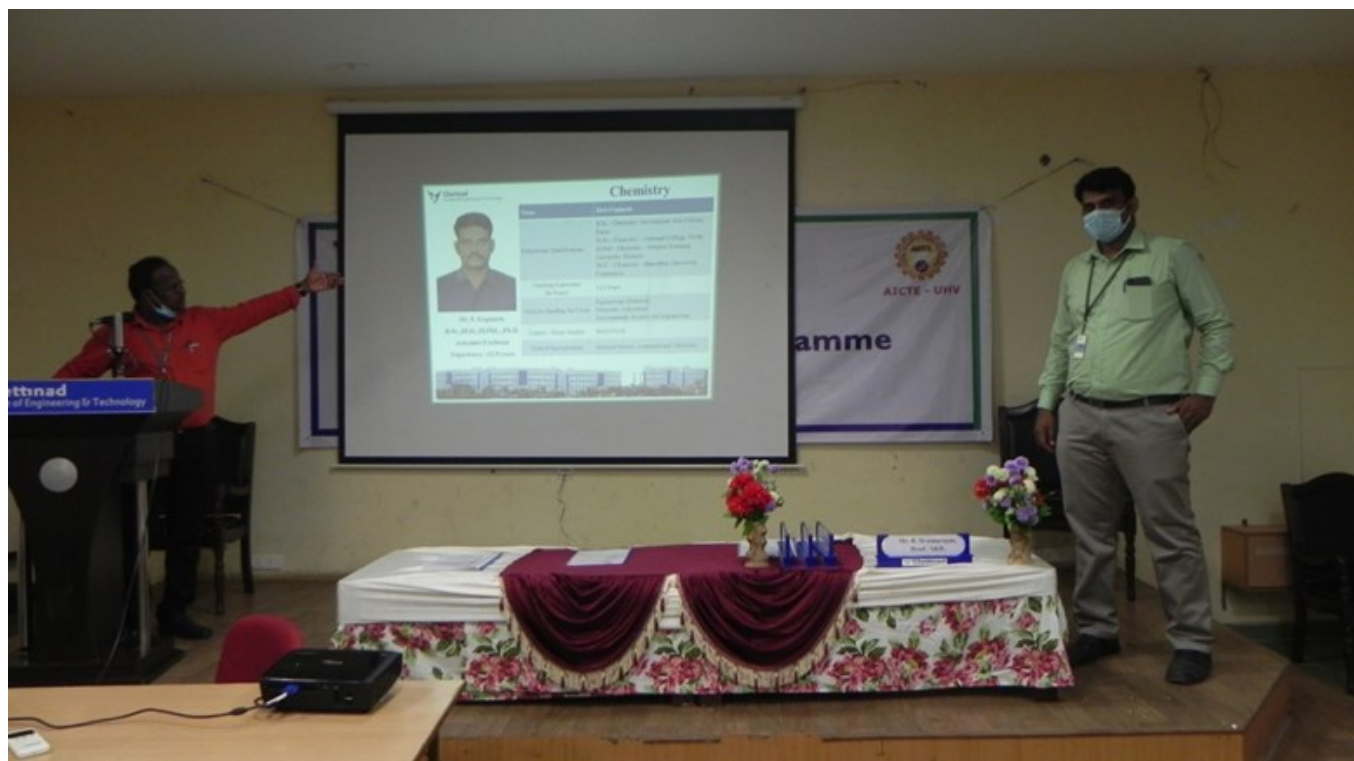
The objective of engineering education is to guide and train the students with in their branch of admission and to have a holistic personality and the passion to serve the society and nation.

The Department of Science and Humanities of ChettinadTech, Karur, conducted **I year BE Students Induction Programme** from 27.10.2021 – 13.11.2021. **Dr. (Mrs). A. Punitha, Principal, ChettinadTech, Karur** presided over the inaugural function and **Mr. N. Balasubramanian**, Managing Director, Pranav Garments, Karur, **Mr. Hemnath Chandrasekaran**, Cert Safety, Malaysia (Alumnus of ChettinadTech) were the chief guests of the function. The young budding engineers were given various activities to promote holistic value-based education to inculcate good morals and professional ethics to our youth with scientific temper.



DEPARTMENT OF SCIENCE & HUMANITIES

On 27.10.2021, Prof R. Sivamurugan Head – Science and Humanities introduced the faculty members, syllabus of 2021 regulation and examination pattern to the first year engineering students.



A programme titled "**Do's & Dont's Inside the Campus**" was conducted by the College discipline coordinator Mr. P. Pandi. He elaborated the college ethics, for the freshers on 27.10.2021. In this programme the students were able to understand the college ethics, rules and regulations of the college.



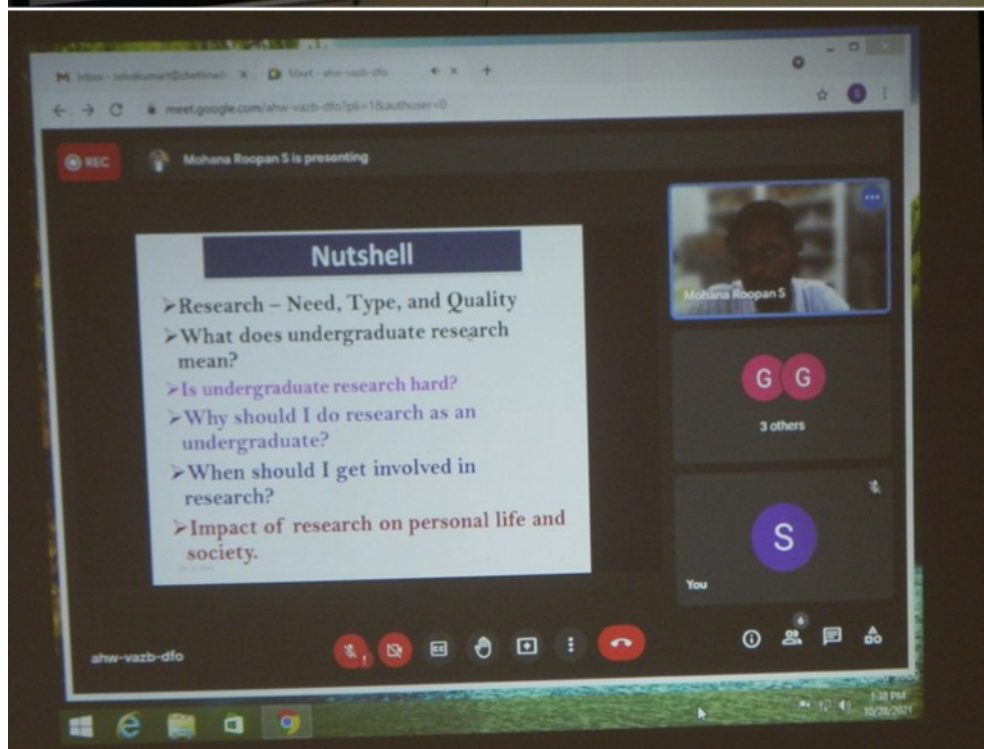
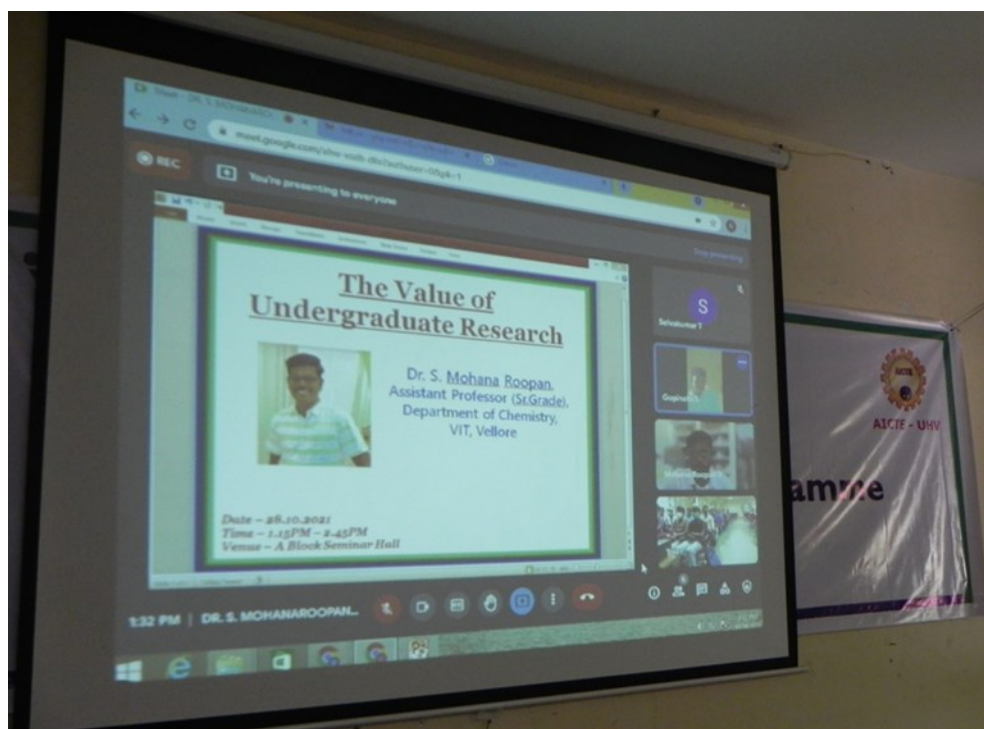
On 28.10.2021, the first session was handled by Mr. P. Sivamuthu, Physical Director, CNCET. Our physical director taught many yoga postures for our students to rejuvenate their mind and body through yoga and pranayama.



Our college Heads of various departments introduced their core department to the students in the programme titled **"Know Your Departments"**. Mr.R.Rajkumar, HoD/CSE, Dr.M.Kumar, HoD/ECE, Mr.N.Vijayasarithi, HoD/EEE, Mr.V.Hariprasath, HoD/Mechanical introduced their departments on 28.10.2021.



On 28.10.2021, our students had an opportunity to know "**The Value of Undergraduate Research**" handled by Dr. S. Mohana Roopan, Assistant Professor (Senior) in Chemistry, Vellore Institute of Technology, Vellore through virtual mode.



On 29.10.2021, the first years, were able to understand the value of communication and its importance in their career in the programme titled **"Techy Comm. - Lets Communicate with Others"**. It was conducted by Dr. P. Subapradha, Asso.Prof / English, CNCET.



To know the value of "**Effective Communication**", a webinar was conducted by Dr. V. Karunanithi, Assistant Professor, Department of English & Foreign languages, SRM Institute of Science and Technology, Chennai, virtually.



On 29.10.2021, to instill social responsibility to our first year students, a special programme was organised by the CNCET social clubs. The coordinators, Dr. S. Gopinath-Chemistry, Prof. K. Rajasekar, Mechanical Engg., Prof. S. Premkumar Mechanical Engg., Prof. M. Saravanakarthikeyan, Computer Science Engg. gave awareness on NSS, YRC, Leo and Rotaract clubs and their valuable service to the society.



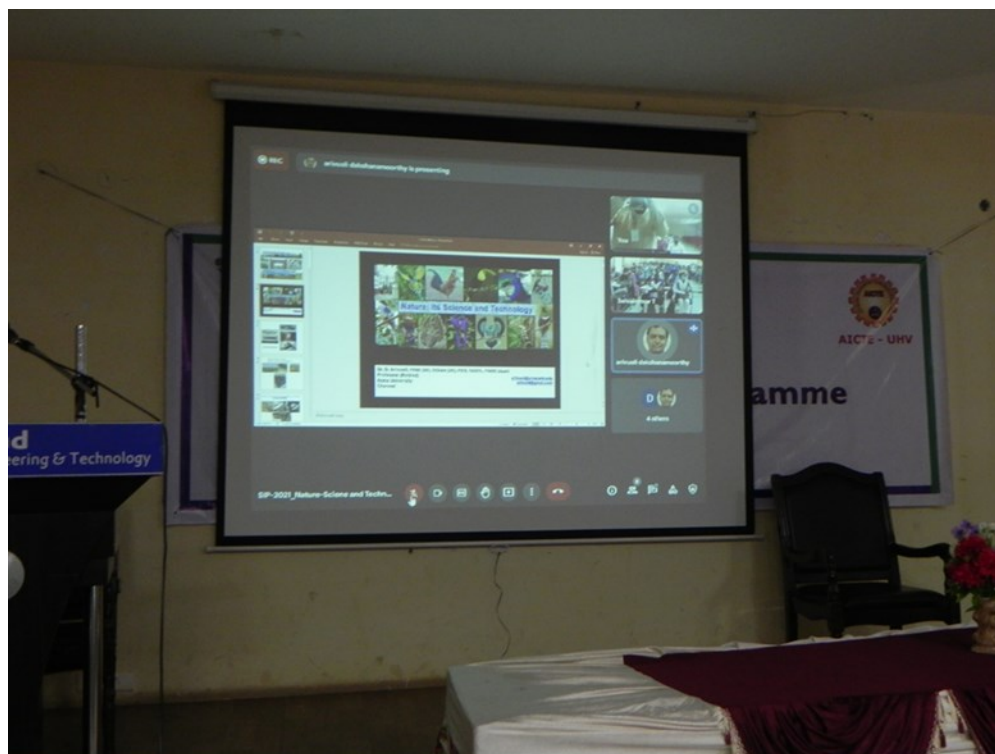
Our first year students had an opportunity to know the college facilities and their utilization through a programme titled **"Know Your ChettinadTech - Campus Tour"**.



On 30.10.2021, our students had an opportunity to acquire skills which are needed to be an effective engineer. A programme titled **"Skills for Engineers"** was handled by Dr. M. Vijayakumar Associate Professor, VIT, Vellore. Students interacted with the speaker enthusiastically.



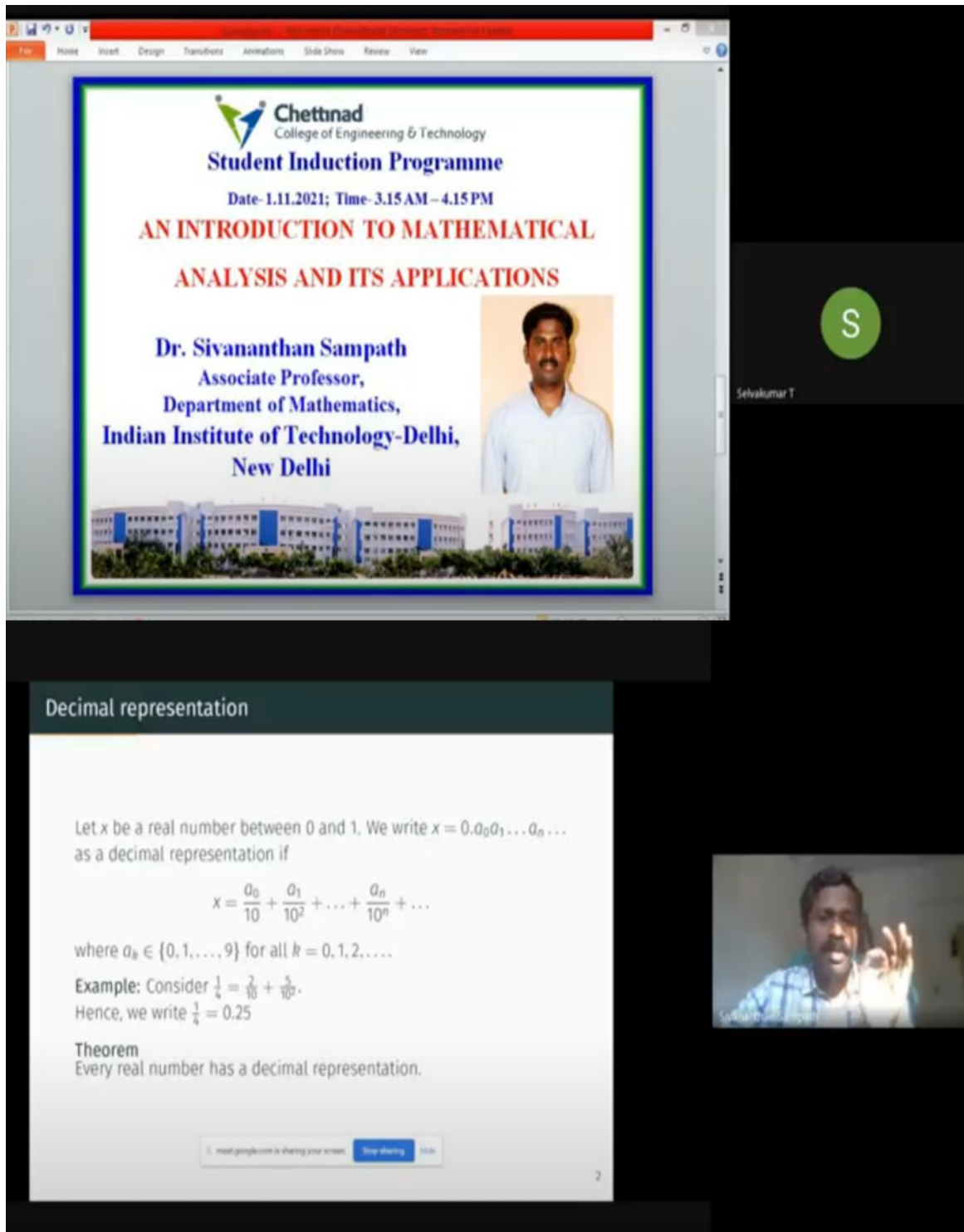
On 30.10.2021, Prof. D. Arivuoli, Retired Professor, Department of Physics, Anna University, Chennai delivered a webinar on **"Nature – Science and Technology"**. This programme gave enough insights on nanotechnology and its day-to-day uses to our first year students.



On 30.11.2021, many fun activities like collage, artography, quiz were conducted by the faculty members of Science & Humanities, and the students actively participated in all the events.



On 30-10-2021, for our First year students had an opportunity to attend a webinar on **“An Introduction to Mathematical Analysis and Its Applications”**. This special lecture was given by Dr. Sivananthan Sambath, Associate Professor, Department of Mathematics, Indian Institute of Technology, New Delhi, India. All the students had an opportunity to grasp the ideas given by the guest speaker effectively.



Chettinad
College of Engineering & Technology
Student Induction Programme
Date- 1.11.2021; Time- 3.15 AM – 4.15 PM
AN INTRODUCTION TO MATHEMATICAL ANALYSIS AND ITS APPLICATIONS
Dr. Sivananthan Sambath
Associate Professor,
Department of Mathematics,
Indian Institute of Technology-Delhi,
New Delhi

Decimal representation

Let x be a real number between 0 and 1. We write $x = 0.a_0a_1 \dots a_n \dots$ as a decimal representation if

$$x = \frac{a_0}{10} + \frac{a_1}{10^2} + \dots + \frac{a_n}{10^n} + \dots$$

where $a_k \in \{0, 1, \dots, 9\}$ for all $k = 0, 1, 2, \dots$

Example: Consider $\frac{1}{4} = \frac{2}{10} + \frac{5}{10^2}$.
Hence, we write $\frac{1}{4} = 0.25$

Theorem
Every real number has a decimal representation.

meet.google.com is sharing your screen. Stop sharing Video

2

On 1.11.2021, "**Real Life English Conversation and Effective Public Speaking**" was conducted by Dr. J. Jothilakshmi, Associate Professor, Department of English, Govt Arts College, Karur for the benefit of our first year engineering students,



Our young minds must be aware of the current devil, it is none other than cyber crime. A special programme was organized, titled "**Cyber Safety - Be Aware of The New Devil**" by Mr. A. Jagan, Organizing Secretary, Police Charity Forum, Namakkal.



To excavate the hidden potent talents of the students, a cultural programme was organized for our first year students on 1.11.2021. Speech competition, Dance, Singing competitions were conducted and students actively participated and showcased their talents.



On 2.11.2021, Mr. P. Sivamuthu, Physical Director, CNCET organized a special programme on **"Healthy Mind in A Healthy Body"** for the well being of our students. Our students practised yoga and meditation.



On 2.11.2021, a special programme on "**Interaction with Alumni**" was arranged to have a chitchat with their alumni. Alumni shared their college life experiences, important skills they learnt at ChettinadTech and how this ChettinadTech helped a lot for their growth etc. Students interacted with them actively.



A special activity – **"Treasure Hunt"** was conducted to boost up the creativity and lateral thinking of our students. An event titled **"A Physical Challenging Game for Budding Engineers"** was arranged on 2.11.2021.



On 9.11.2021, our first year students had an opportunity to enrich on **“Ethics of an Engineering Student”** by Prof. Kalaivani Chellappan, PhD, PTech., Associate Professor /Researcher at University Kebangsaan Malaysia Professional Technologists (Electrical & Electronics Technology), National University of Malaysia (UKM), Selangor, Malaysia. Our young budding engineers learnt more about the issues in education, ethics to learn ,role in the society etc.

The screenshot displays a Google Meet interface with a presentation titled "Education_Ethics.pptx". The presentation content is as follows:

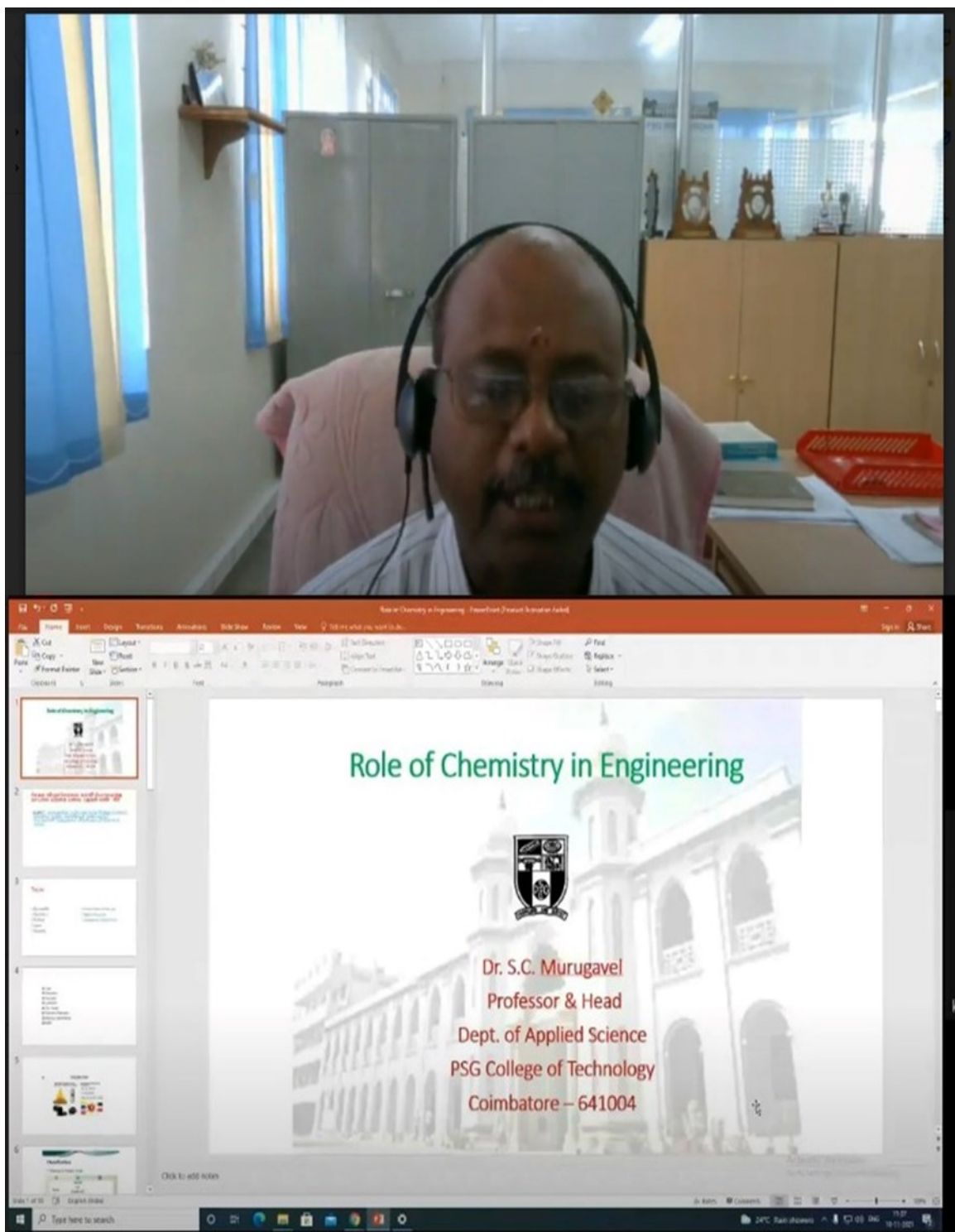
Slide 1: Features the logo of Universiti Kebangsaan Malaysia (UKM) on the left, which includes a shield with a tiger, an atom, and a gear. To the right of the logo is the text "UNIVERSITI KEBANGSAAN MALAYSIA" and "The National University of Malaysia". A portrait of Prof. Kalaivani Chellappan is shown on the right. Below the logo, the text "Ethics in Education" and "What Role We will Play in Future?" is displayed. A small notification at the bottom says "meet.google.com is sharing your screen."

Slide 2: Titled "What are some of the ethical issues students face?". It lists eight issues in colored boxes:

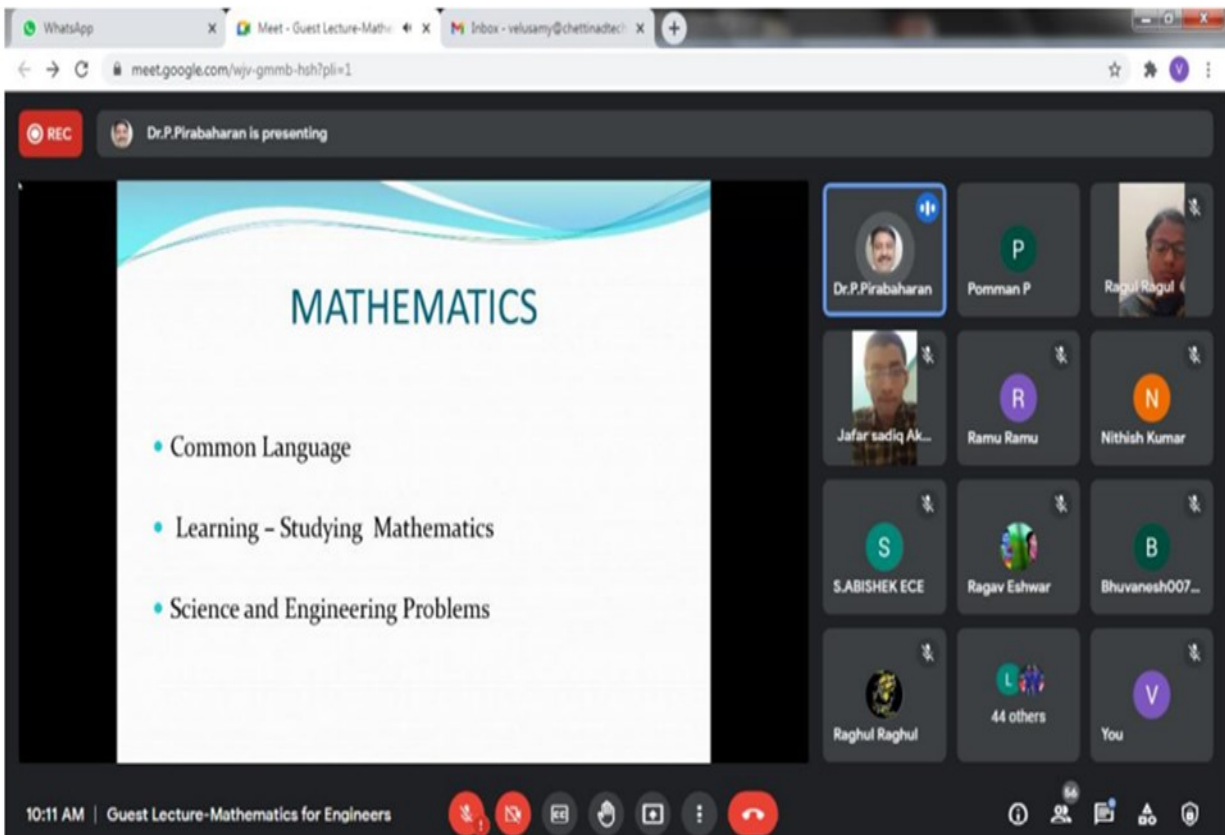
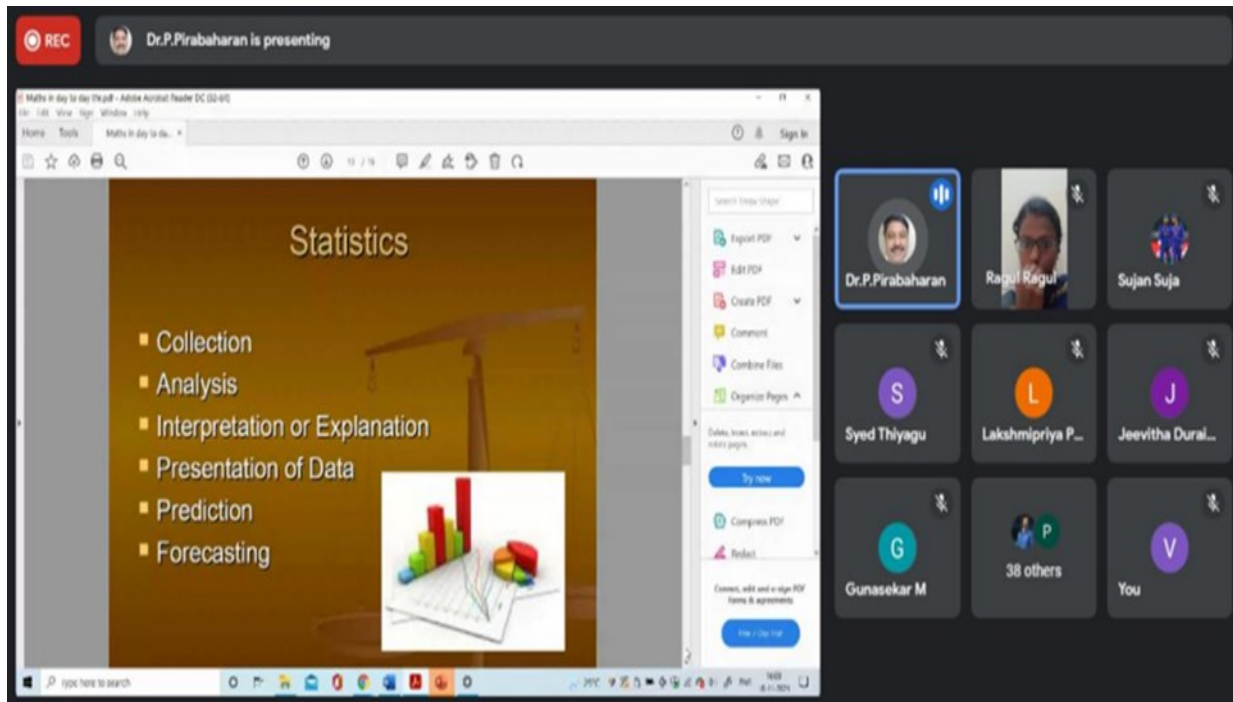
- Academic Integrity (orange)
- Alcohol and Drugs (grey)
- Dating and Sexuality (yellow)
- Diversity (blue)
- Family (green)
- Friendship and Roommates (orange)
- The Greek System (grey)
- Beyond the Campus (yellow)

On the right side of the screen, a video feed shows Prof. Kalaivani Chellappan, who is wearing glasses and a dark shirt. The name "Kalaivani Chellappan" is visible below her video feed.

On 10.11.2021, an online webinar on **“Role of Chemistry in Engineering World”** was organised for the first year students by Prof. Dr.S.C.Murugavel, Professor & Head, Department of Applied Science, PSG College of Technology, Coimbatore. Students gained knowledge on the importance of chemistry in engineering, alloys and their compositions for modern engineering products etc. Students were interacted with the speaker interactively.



On 10.11.2021, an online webinar on “**Mathematics for Engineers**” was arranged. Dr.R.Prabhakaran, Assistant Professor, University college of Engineering, Dindigul gave more insights on the importance of mathematics in engineering and its applications.



On 11.11.2021, Mr. P. Sivamuthu, Physical Director, CNCET organized a special programme on "Healthy Mind in A Healthy Body" for the wellbeing of our students.



On 11.11.2021, a special alumni interaction programme with Ms. Vigneshwari, Software engineer, Augusta, Coimbatore, alumnus of ECE ChettinadTech was arranged for the first year students and the students interacted with the alumni in a cordial manner.



On 11.11.2021, an online webinar on **“Application of Mathematics”** was organised for the first year students with Dr M. Rajarajeswari, Associate Professor, PG and Research Department of Mathematics, Hindusthan College of Arts and Science, Coimbatore. Students gained knowledge on mathematical applications in engineering context and the tricks to master it.



On 11.11.2021, a special lecture on **“Engineering Chemistry”** was delivered by Dr.S.Gopinath, Associate Professor of Chemistry, Department of Science and Humanities, ChettinadTech, Karur. Students learnt more about the importance of Chemistry in engineering and its day to day usage.



To excavate the hidden talents of the students, various competitions were organized for our first year students on 11.11.2021. Speech competition on impact of air pollution and noise pollution, bridge construction using newspapers, competitions were conducted and the students actively participated and showcased their talents.



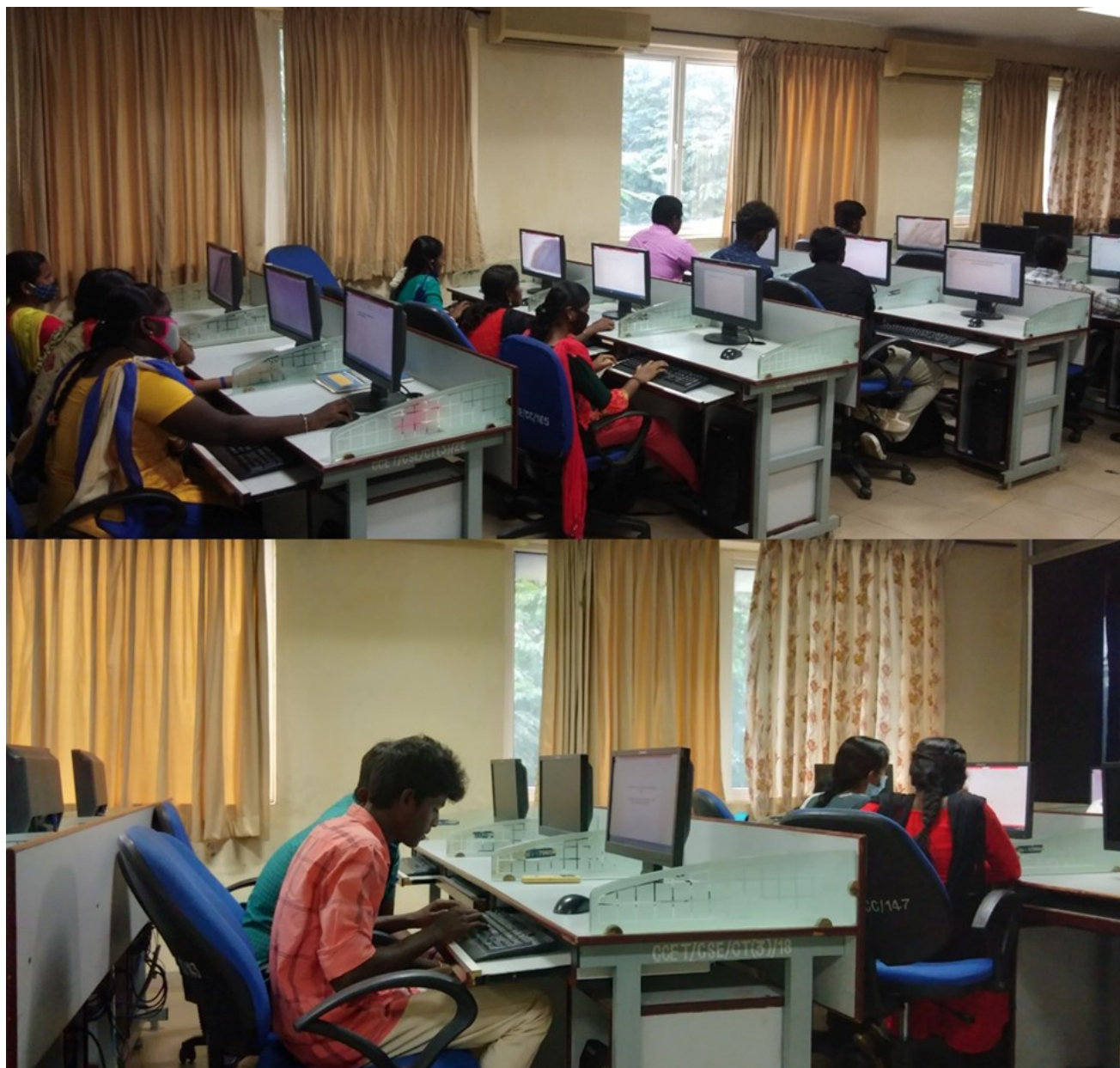
On 12.11.2021, a webinar on **“Institute to Industry”** was organized for the first year students with Dr. K. Selvan, Head-English, Periyar Maniammai University, Tanjore. Students were given the significance of communication to get placements in top rated companies. Many Students interacted with the speaker actively and clarified their doubts.



On 12.11.2021, an online special lecture on **“Lacuna in Skill set for surviving in Software industry”** was organized for the blooming engineers with Mr. Sivaraj Velusamy, Senior Architect, WIPRO, Mysore. Students learnt about the importance of software skills and opportunities for CSE and ECE for getting placements in top notch companies.

The screenshot displays a Zoom meeting interface. The main window shows a presentation slide titled "Technically sound and fundamentally strong" with the subtitle "Learning Never stops". The slide lists several bullet points: "Learn outside curriculum", "Make use of internet and open source projects", "Participate in bug bounty programs and competitions", "Analyze the market and hiring trends", "Update your technical skills as per demand", "Participate in cloud workshops", "Learn how your technical knowledge is applied in real time", and "Always learn the big picture". The slide also features a background image of a person's face and various icons like a dollar sign, a padlock, a shopping cart, and a house. To the right of the presentation, there is a video feed of a man with a beard and glasses, identified as "sivaraj V". Below the presentation, there is a video feed of a man with a beard and glasses, identified as "sivaraj V", who is pointing at a greenboard with a yellow triangle and the equation $a^2 + b^2 = c^2$. The video feed is titled "Real-time Writing with fingers on Web Camera Screen - OpenCV and Mediapipe".

Our first year students got an opportunity to learn about the usage of fundamental Microsoft office word, PowerPoint softwares for their studies including, how to type essential documents in MS word and how to make a short PPT for their presentation by ou experts staff and technicians



On 13.11.2021, Mr. P. Sivamuthu, Physical Director, CNCET organized a special programme on simple and day to day exercises for our students.



On 13.11.2021, our first year students got an opportunity to know more about **"How to use ChettinadTech library?"** This special session was handled by Mr. Jothisparan, librarian, ChettinadTech. The Speaker gave an overview of the available facilities at our library and how to use them. Also he shared DELNET and other online facilities to the young first year students.



On 13.11.2021, Prof. Vijayasarathy, Head-EEE delivered a lecture to our first year students on “**Evolution of Electrical Vehicles**” with videos and demonstrations to our first year students. He also shared about the importance of engineering in modern electrical world and why EEE is essential for the modern envelopment. Students interacted with the speaker actively.



On 13.11.2021, Prof. K. Rajasekar, Professor of Mechanical Engineering delivered a lecture to our first year students on **“Mechanical Engineering and Evolution of Automobiles”** to our first year students. Students interacted with the speaker actively.



The valedictory function of Student induction programme 2021 was held on 13.11.2021 at A block seminar hall. Dr.(Mrs.)A.Punitha delivered the valedictory address and Mr.R.Sivamurgan, Head of the department presented the overall glimpses of SIP 2021. Our principal Dr.(Mrs.)A.Punitha presented the prizes for the winners of various events. Mr.P.Sozhaeswaran, I ECE, Ms.K.Varni, I ECE and Ms. Kanishka, I CSE gave their feedback on SIP-2021.



Feedback Of student Induction Program.



The program was very useful to get information about what we go for learn in Engineering? It was useful programs for a new students. We met lot of faculty members, staff's and principle of that college. We had a chance to meet our Aluminies. They gave lot of ideas to him. They impressed us. We do lot of activities games Wellness classes in that program. We met many professors of various university. They gave lot of informations. Our seniors conduct a Welcome party. It Boosted us. The program was us to start our first year.

Thank you.

T. Gayathri
ECE - Ist year.

Review for student induction Programme

This induction Programme is very useful because I got a brief idea Engineering and what sort of things that I am going to learn in Engineering. Then I learn the experience of guest lectures from various college where their speech gives me some kind of motivation. Then I try to know various things from ~~our~~ alumni of our college. They shared their own experience of their college life.



KIRAN G
21EC023
'D'-Section

Feedback of Student Induction Program.



The program was very usefull and very information^{ve}. We learnt many things from those programs. All activities and offered information sessions were very inspiring for me. It was such a great and extremely helpful programs. It gave me a chance to meet up with many great professors. we had a chance to meet up with our Alumni and it was very inspired us. These programs comforted us in college. many thanks to all my great staffs helped and put a fantastic days together. Thank you.

S. Varni

ECE - I year.



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



www.chettinadtech.ac.in