



**CSI**  
**TCET**

# **STUDENT CHAPTER**

**BULLETIN**  
**2020 - 2021**

# Dean's Message



I would like to start by congratulating the faculty and students of the CSI-TCET for their perseverance shown in the odd semester and for completing the fifth edition of the bulletin, highlighting them. Their hard work and complete dedication is reflected across its pages. Always facing the odds, the faculty and student members of CSI-TCET have always performed with the best results.

This bulletin is the promise of our dedicated and focused students to carry out fruitful activities for the department. The CSI-TCET student chapter represents the enthusiasm of students towards cultivating a better society through innovation and technology. Providing a stage for all round development of students with a healthy learning experience through curricular and extra-curricular activities is the core objective of CSI. With this issue of CSI's e-Bulletin, I hope that we keep moving forward in this direction. I wish all students success in future.

**Dr. R.R. Sedamkar**



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# HOD's Message



Learning takes place not only through books and the lectures you attend; it is also grasped through experiences. The members of CSI-TCET attempt to carry this baton of learning by providing multiple co-curricular and extra-curricular activities. For this, I would like to thank and congratulate the faculty and student members of CSI-TCET for conducting and helping most of the department's activities. Their diligence has always been a source of inspiration for the department. The e-bulletin highlights the lofty achievements of the CSI-TCET core in the odd and even semester and I wish the committee such success for the next years to come.

**Dr. Harshali P. Patil**



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# Faculty's Message



The unremitting efforts of CSI committee students and faculty and their will to keep evolving as a collaborative team have brought forward a magnificent array of space for people to recognize and be a part of it. I congratulate my team members for this wonderful accomplishment and being successful for reflecting all the activities to students through CSI's e-Bulletin.

**Mr. Vikas Singh**

We at CSI-TCET wish to provide the best opportunity for students to showcase their talents, spread an ideology and maintain the professionalism required. Lastly I would like to congratulate the CSI committee for bringing their fifth e-Bulletin successfully. All of their creative minds have collectively come together to create it for the students.

**Mr. Shailesh Sangle**



I would like to congratulate the committee members for their endeavors. The bulletin will play an instrumental role in providing exposure too other students about the happenings of CSI and help understand how they can make something great with the department, for the department.

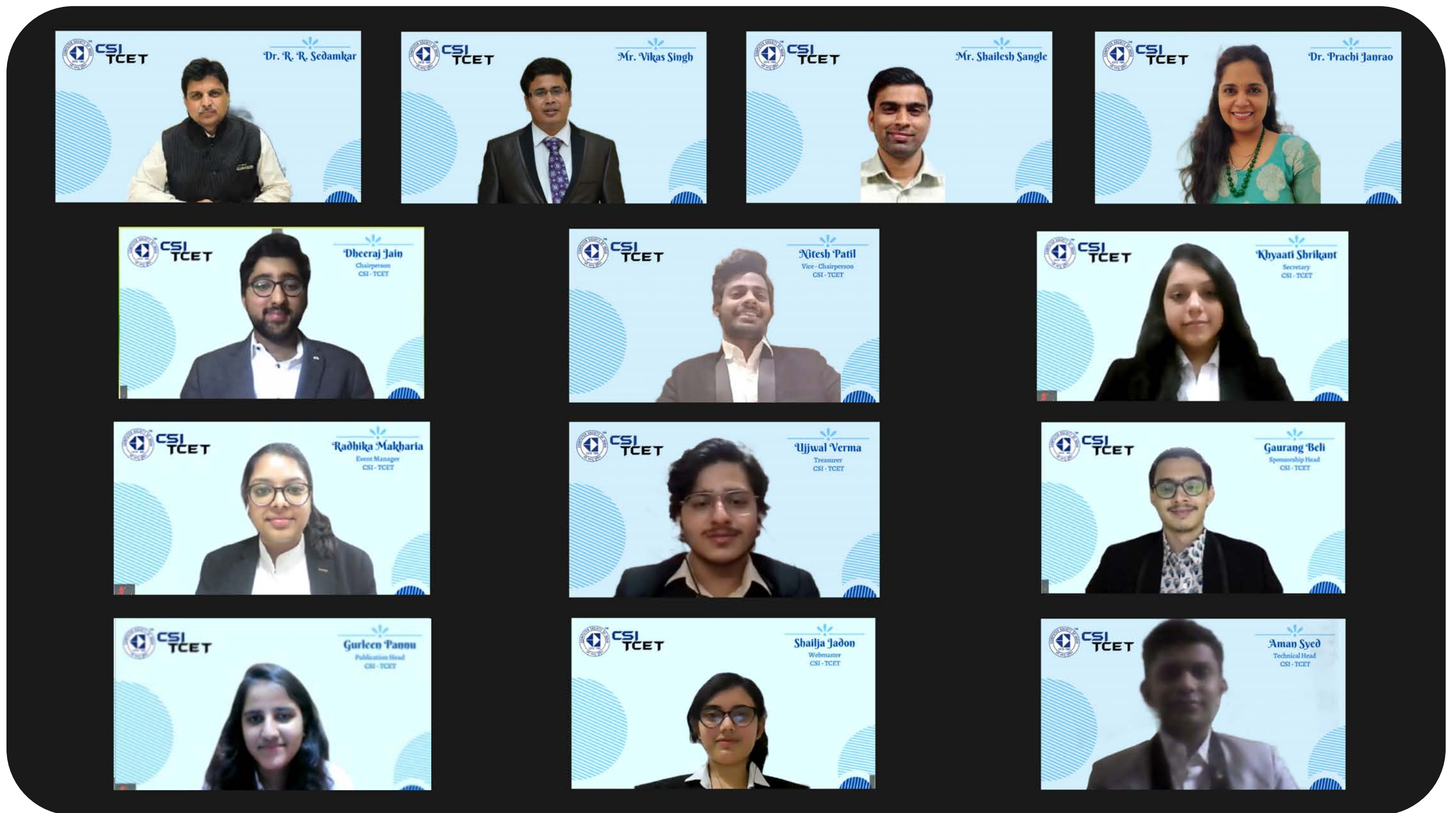
**Dr. Prachi Janrao**



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# About Us



CSI-TCET is the student branch of the Computer Society of India (CSI) at Thakur College of Engineering and Technology (TCET), Mumbai. Today, CSI has members from all over the nation including famous industry leaders, brilliant scientists, and dedicated academicians. The goal of CSI is to inculcate within individuals research, knowledge sharing, learning & career enhancement, while simultaneously inspiring and nurturing new talent and innovations.

CSI-TCET also aims to provide the students of TCET, across all four years, the best opportunities and confidence to gather knowledge, build an open and creative ideology and gain experience in varied fields and thus help them become better professionals and gain better skill sets. With more than 190 members, CSI-TCET has come to be one of the most active student professional bodies at TCET. We thank all our members for getting involved with us, supporting us and helping us grow.



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# CSI-TCET Core Commitee



Chairperson : Dheeraj Jain  
Vice-Chairperson : Nitesh Patil  
Secretary : Khyaati Shrikant  
Event Manager : Radhika Makharia  
Treasurer : Ujjwal Verma  
Sponsorship Head : Gaurang Beli  
Publication Head : Gurleen Pannu  
Webmaster : Shailja Jadon  
Technical Head : Aman Syed



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# Membership Drive



CSI membership drive was conducted for the second year students of the computer department to make them acquainted with Computer Society of India (CSI), the only professional body for the Computer department, and its activities through Zoom platform on 02nd of August. The importance of being a member of this society as computer techies were made clear to 95 students who attended the sessions. CSI-TCET keeps their members updated socially by conducting famous cultural events like CSI Weekender and CSGO, PES, IPL etc. in Zephyr and also impart technical knowledge through Webinars, Seminars, enticing Workshops on latest technologies.

# Magic of Mathematics

Magic of Mathematics

Multiplication

812  
646

552  
61

X X  
X X  
X

894  
x 437  
?

CSI - TCET conducted a session on the “Magic of Mathematics” on the 16th of August, 2020. The session was met with a lot of positive responses as Akshita showed a few tricks involved with mental calculation, calendar dates and much more! The attendees also learnt about a quicker method for multiplication, which was taught in a very easy and fun way, which is sure to stick with them for a long time.



# Smart India Hackathon Interaction



Smart India Hackathon is one of the most esteemed hackathons that is conducted by the Indian government every year. A platform like hackathon, earns the students invaluable experience that can take them a level up from their colleagues. It helps them understand the right way to devise applications for real world problems.

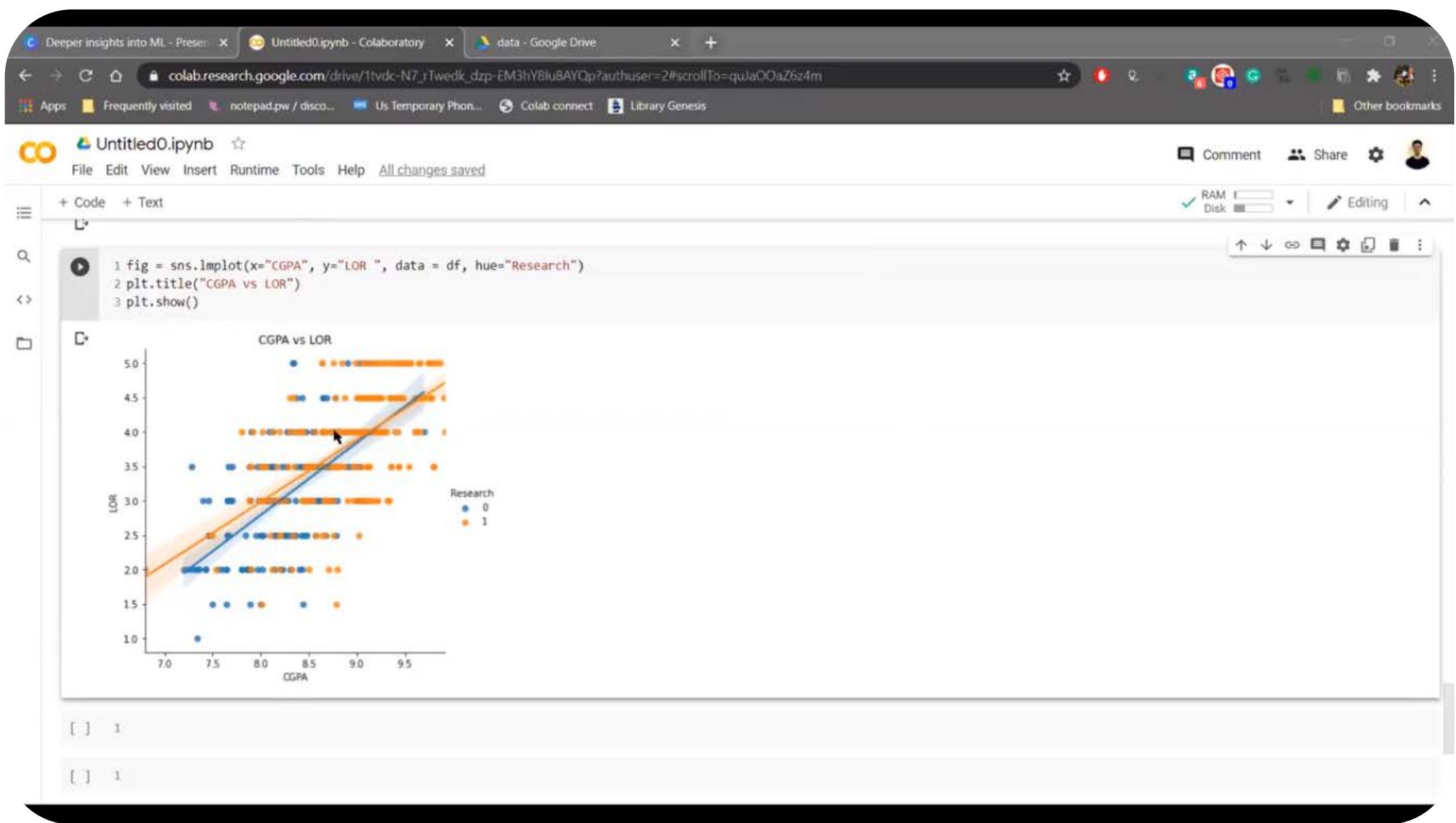
CSI – TCET kept an interaction with the SIH 2020 winners – Team Inceptra. They mentioned about their experience, the problems they faced and most importantly the strategy to be used while preparing for a hackathon.



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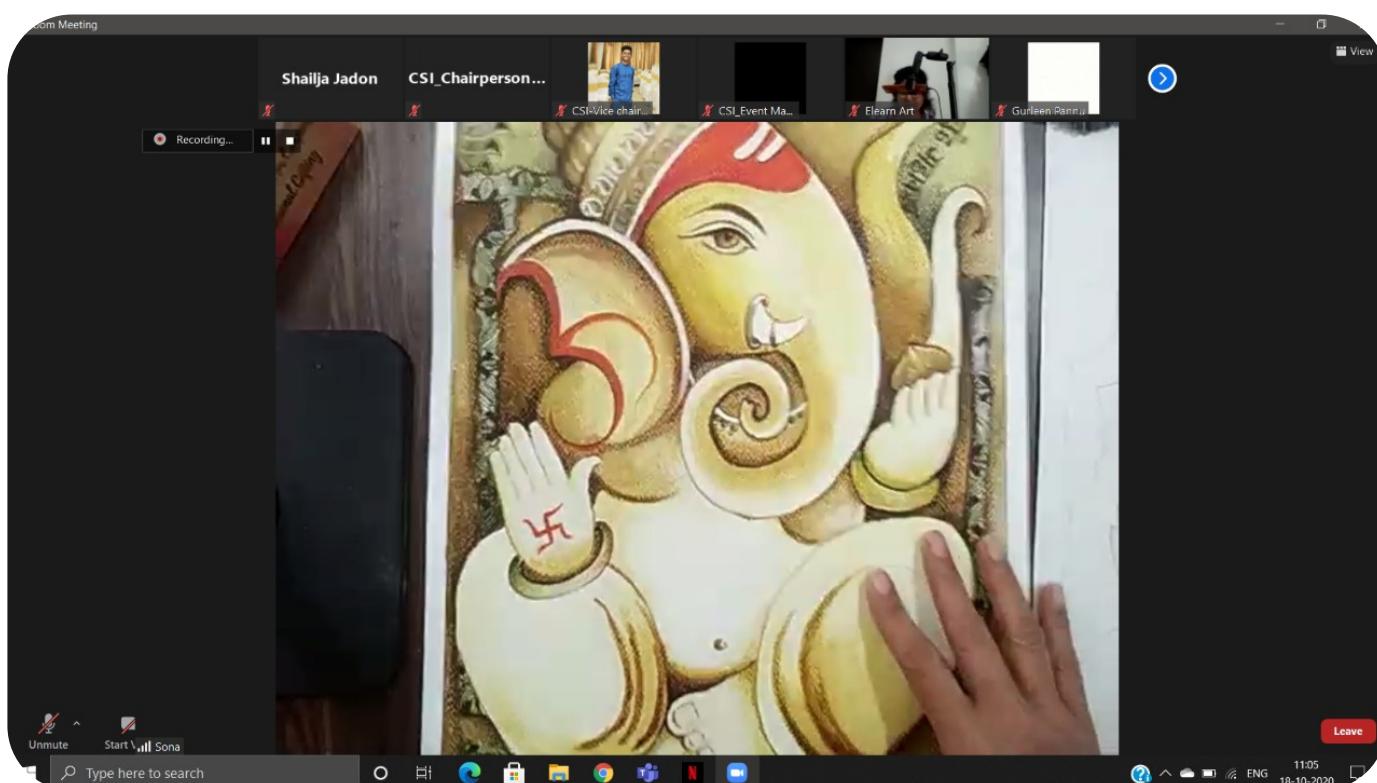
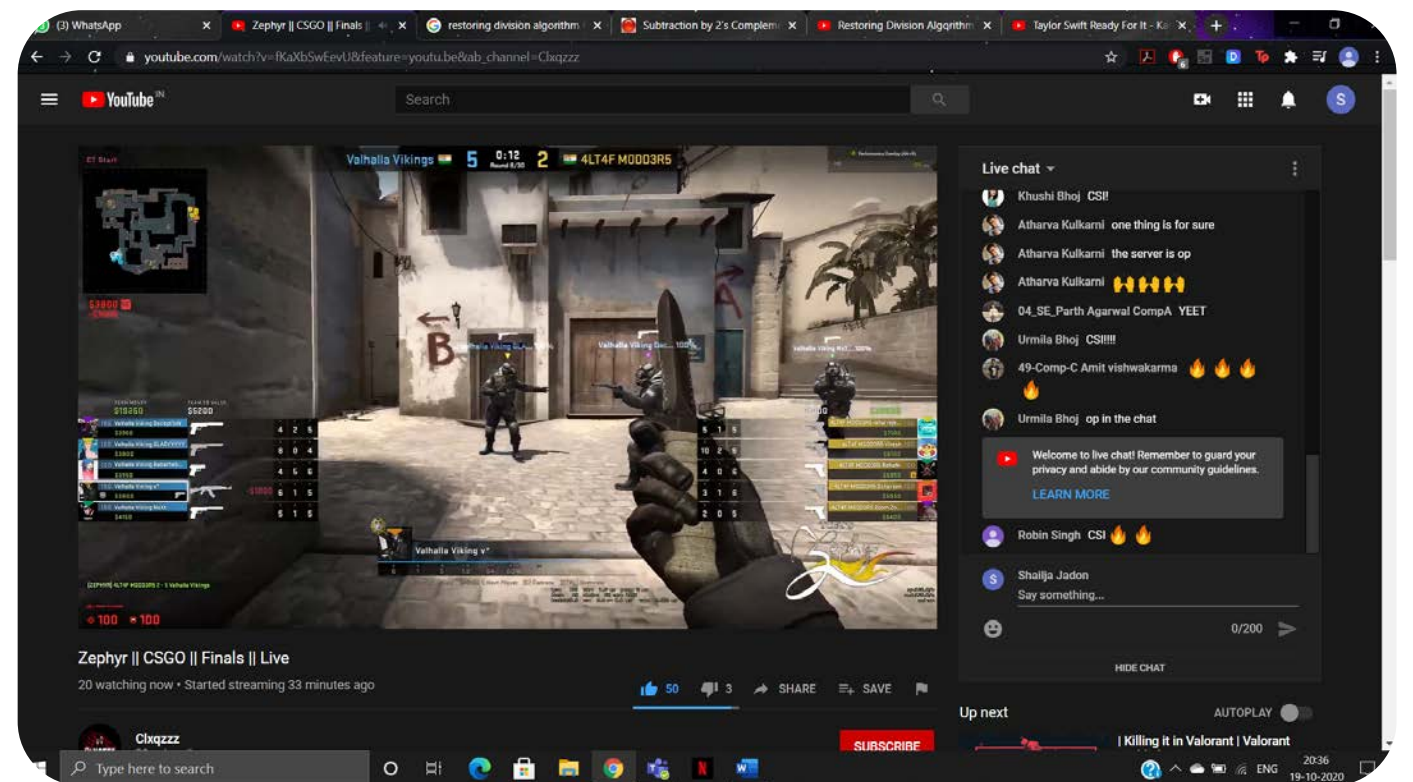
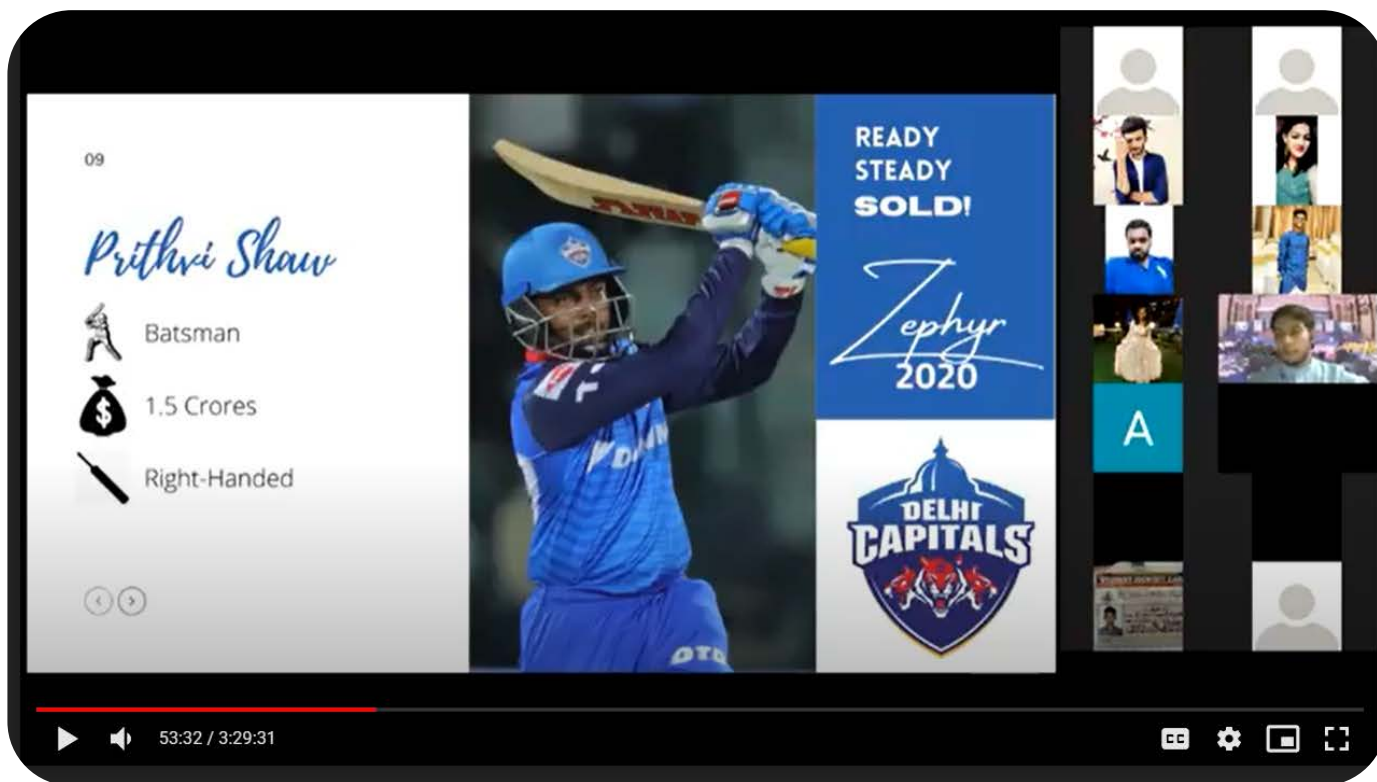
# Essence of Machine Learning



Machine Learning is an ever-evolving and budding technology, which makes it very popular amongst the students today. We conducted a session on the “Essence of Machine Learning” on the 20th of September, 2020. Our speaker was Mr. Devavrat Singh Bisht, a third-year student of computer engineering. He elaborated on the different classification and regression algorithms, talking briefly about the algorithms under each of them. With abundance of information available about Machine Learning online, he cleared various misnomers regarding the various concepts that often get misinterpreted otherwise.



# Zephyr

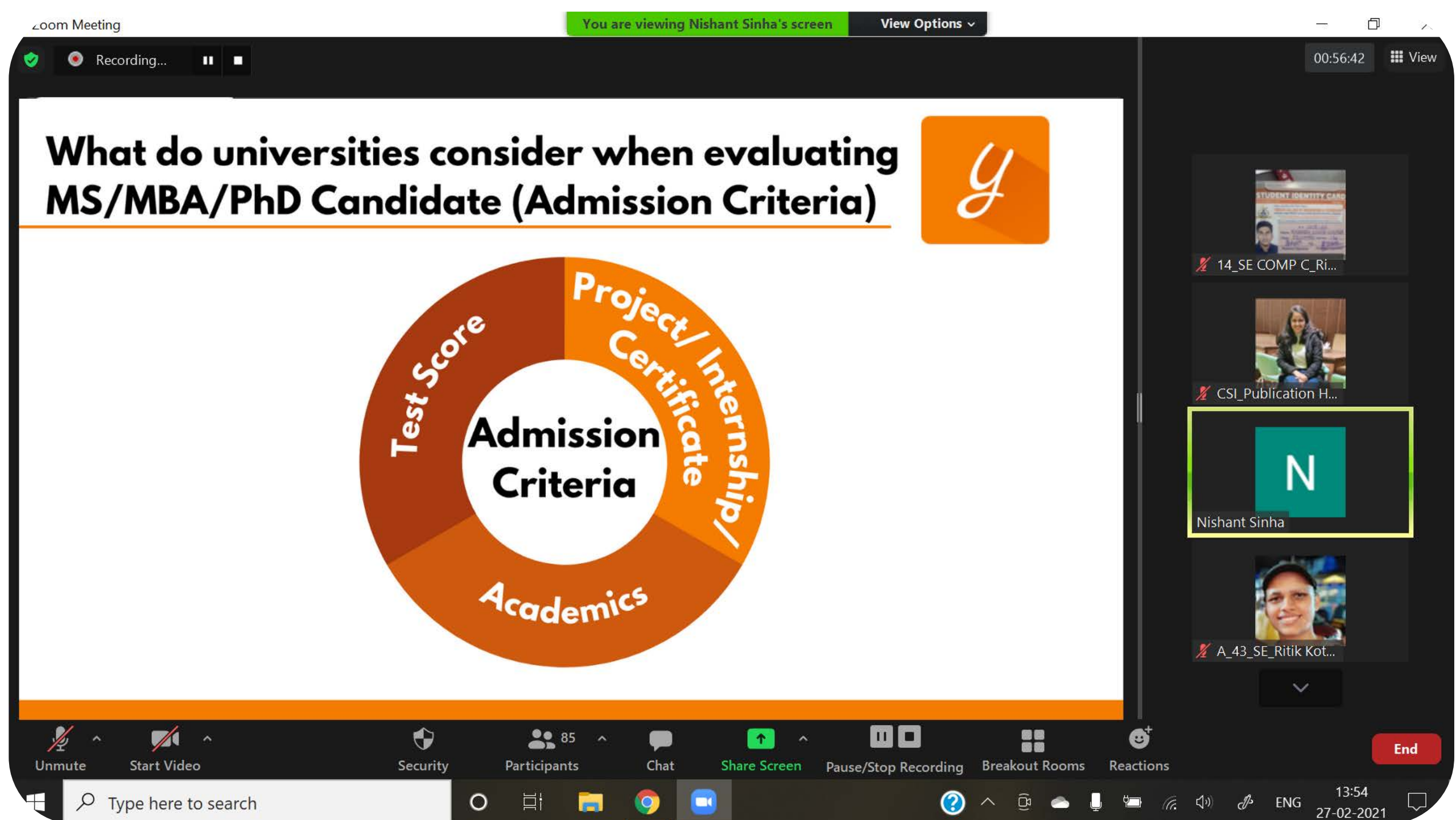


Zephyr 2020, the most popular and much awaited technical festival of TCET among our college students and various technical institutes across India, was celebrated online from 16th October to 18th October 2020. We attained the aim of holding this event successfully which was organized with the purpose to enhance the technical as well as management skills through various events held during the period with the keen vision that it would further help in the augmentation of name, fame and growth of the institute. Despite the event being held online, due to the inevitable reasons, CSI - TCET organised 9 events - technical events like Quantum core, hands-on workshop of Data Science, Machine Learning along with fun events like High School Quizzical, Coffee Painting, Spin the wheel. The crowd luring LAN events like Counter-Strike: Global Offensive (CS: GO), Pro Evolution Soccer and Virtual auctions for IPL were the best favoured events.





# Webinar on Profile Building



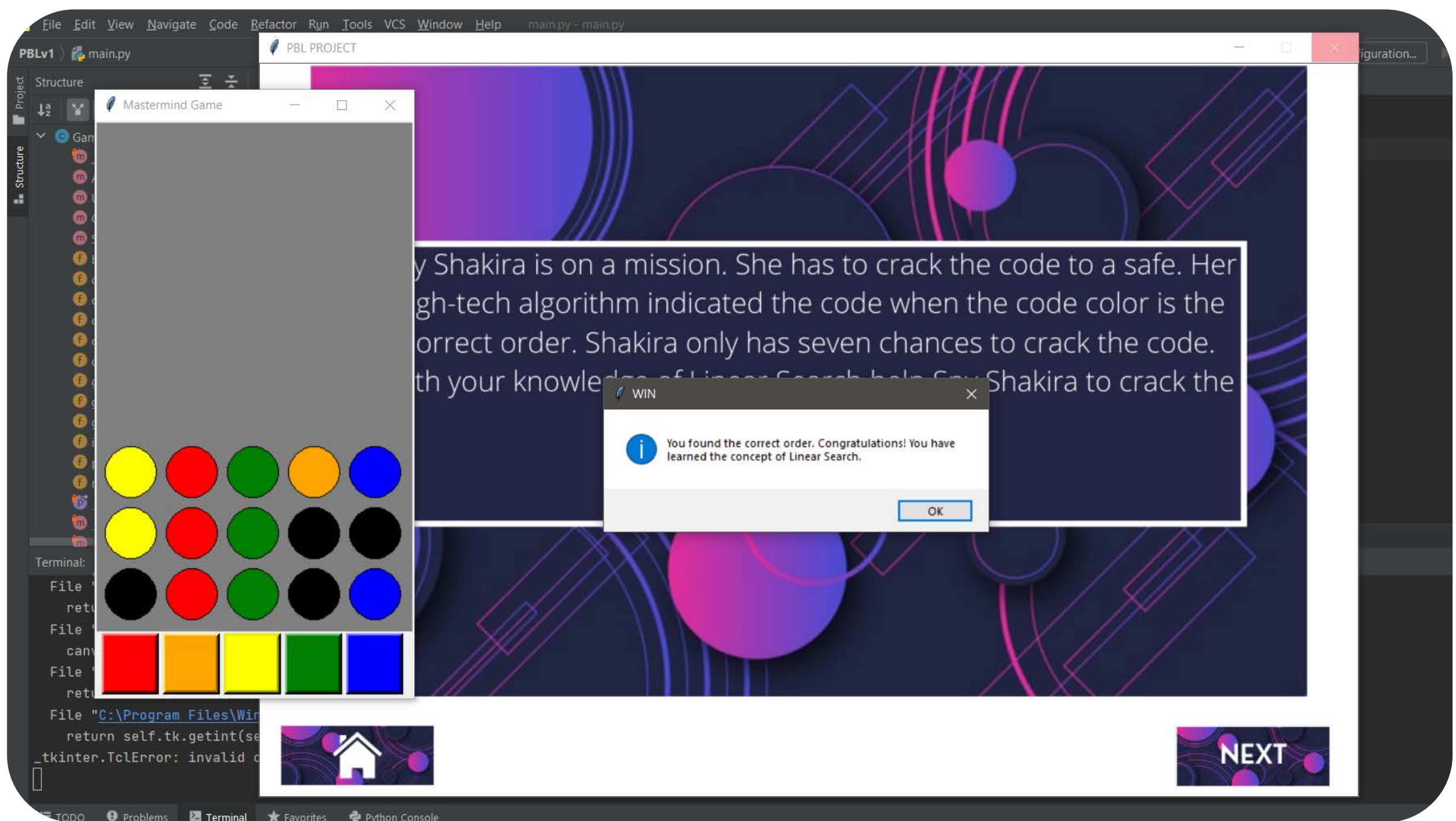
Looking into the trend of students pursuing international studies, CSI - TCET in collaboration with well-known Overseas Education Consultant, Yocket conducted a webinar on "How to build your profile and the impact of COVID - 19 on the admission procedure", by Mrs. Biruda Virkud, an education expert, on the 5th of October. The focus of the webinar was on how to build one's profile through certified courses in addition to academic records and other achievements such as publishing research papers in their domain.



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# Project Exhibition



CSI-TCET organized a project exhibition for the students of the computer department of our college on 24th of October. The virtual meeting was graced in the presence of Mr. Shailesh Sangle Sir, Dr. Prachi Janrao Ma'am and Ms. Vidyadhari Singh Ma'am as the judges on the board to evaluate the projects presented by 12 teams from second year and third year of the Computer department. This project exhibition session was a learning session for the energetic participants as they got insights of other student's projects. It benefited the students by presenting their ideas in the best way before the panelist



# Higher Studies Seminar with IMS

The screenshot shows a presentation slide titled "GRE Registration". It contains the following text:

- Register** for the **official GRE** Test within 10-15 days from when you started your preparation!!
- Test fees: \$205**
- 1. Work Ahead:** Book a date well in advance
- You get your preferred Slot**
- 2. Work Backwards** based on college deadline - Creates **Discipline** (deadline pressure😊)
- REGISTER FOR THE TEST ON [ets.org](https://ets.org)**

At the bottom left, it says "Click to add notes". At the bottom right, there is a small video feed of a man speaking. The logo "CIE" is visible in the bottom right corner of the slide.

In order to spread awareness about the overseas education process and procedures, CSI – TCET conducted a webinar on Higher Studies on the 27th October, 2020 which was delivered by Mr. Shashank Prabhu from IMS Learning. Also, the importance of the various examinations such as GRE, IELTS, TOEFL, GMAT, CAT, etc. was highlighted to the participants. Over 130 students had been planning for a higher education so this webinar helped them to understand about the best MBA Schools and Master Programs offered internationally to be opted. The session was met with great response from the students as they got most of their queries answered through the session and further through Question/Answer session.



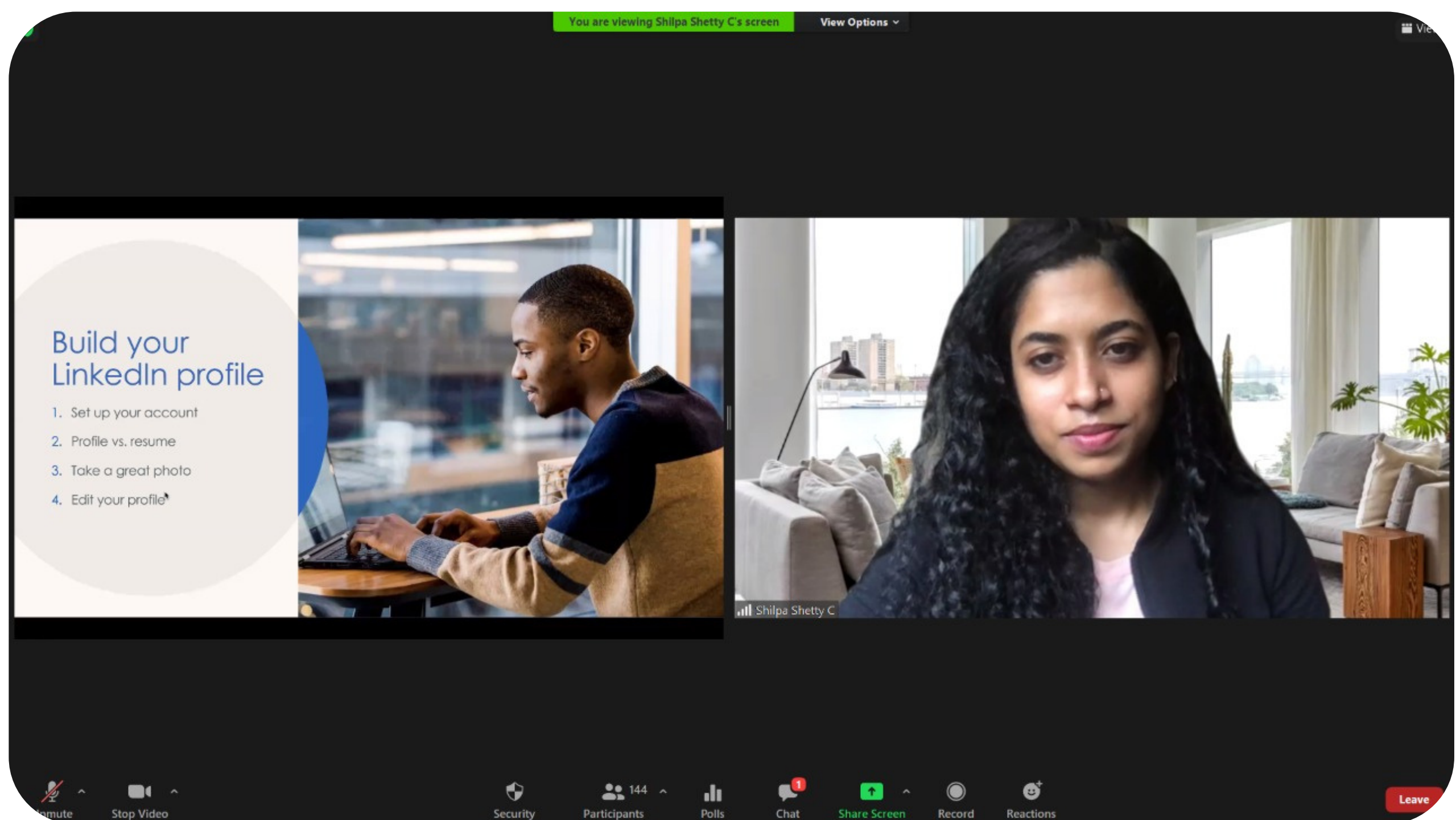
# Application Development using Kotlin



CSI - TCET organized a session on Android App Development using Kotlin on February 20, 2021 to provide an overview of Application Development to the second year and third year students. The students were particularly excited as they also got to do hands-on coding in Kotlin. The speaker also introduced the importance of using GitHub for exchange of codes in a professional setting. Although the session was brief, it was met with great response as the attendees got a glimpse into the popular Application Development industry



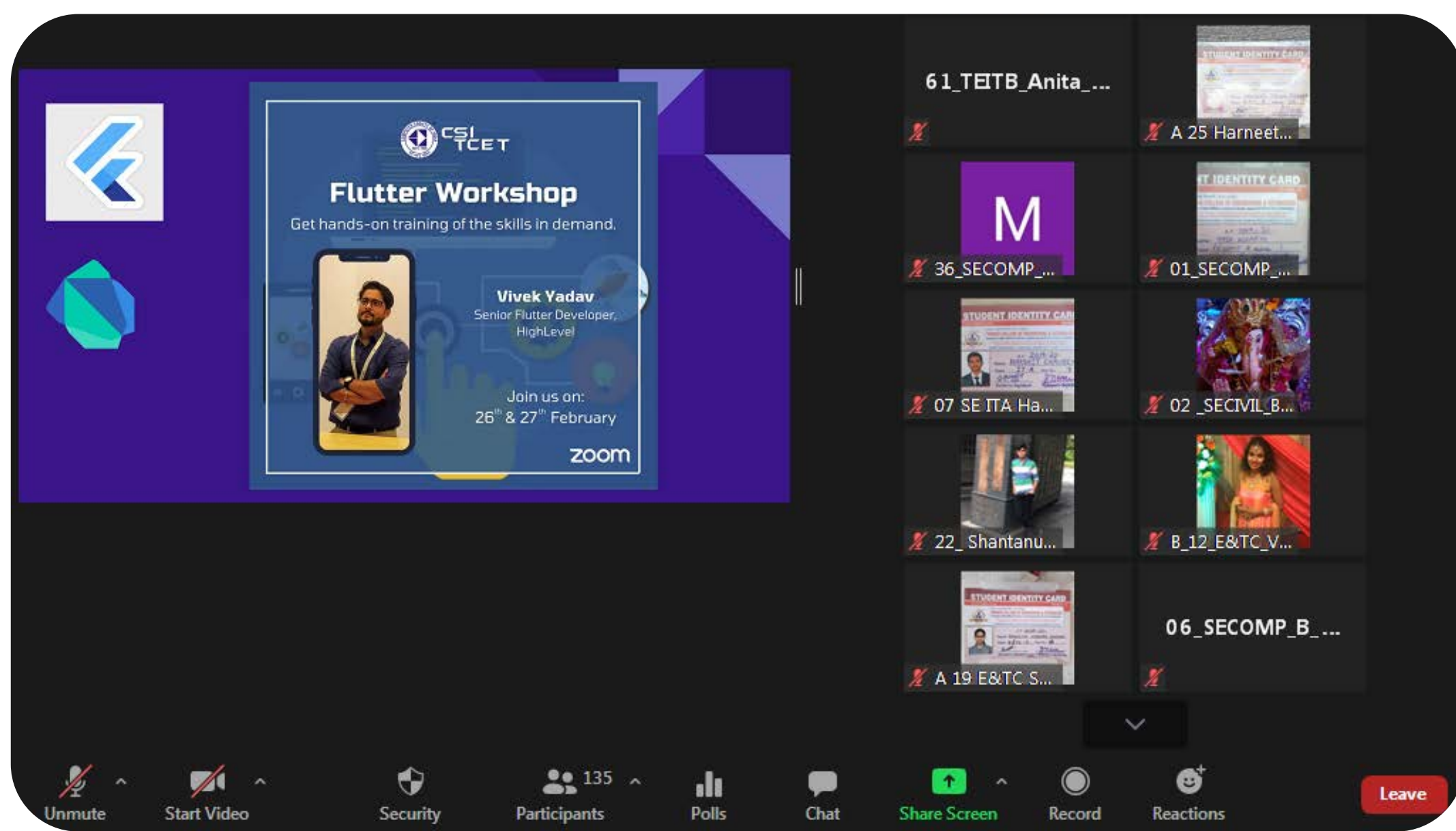
# LinkedIn Profile Building



With over 300 million users on LinkedIn, it remains to be the most preferred professional platform for jobs and networking today. It is a very versatile platform which if used correctly can reap excellent benefits for the individual. CSI – TCET conducted a session on “LinkedIn profile building” on 23rd February, 2021. Our speaker for the session was Ms. Shilpa Shetty C, who is currently the Manager of Marketing at LinkedIn Talent Solutions. She has previously worked in eminent companies like Directi, Endurance, and many more and has 10+ years of experience in marketing.



# Multicon - W



MULTICON-W is the traditional initiative of TCET which is a platform for all the stake holders to contribute their original research work in the emerging areas of technology. Multicon - W 2021 Pre-Conference Technical Workshops were conducted on 26th and 27th February 2021 on the topics Artificial Intelligence and Flutter with over 294 students attending them.

## **Multicon -W 2021 Artificial Intelligence Workshop by Mr. Swaym Mittal**

The workshop became a great success with students getting hands-on experience on some Machine Learning & Deep Learning models.

## **Multicon -W 2021 Flutter Workshop by Mr. Vivek Yadav**

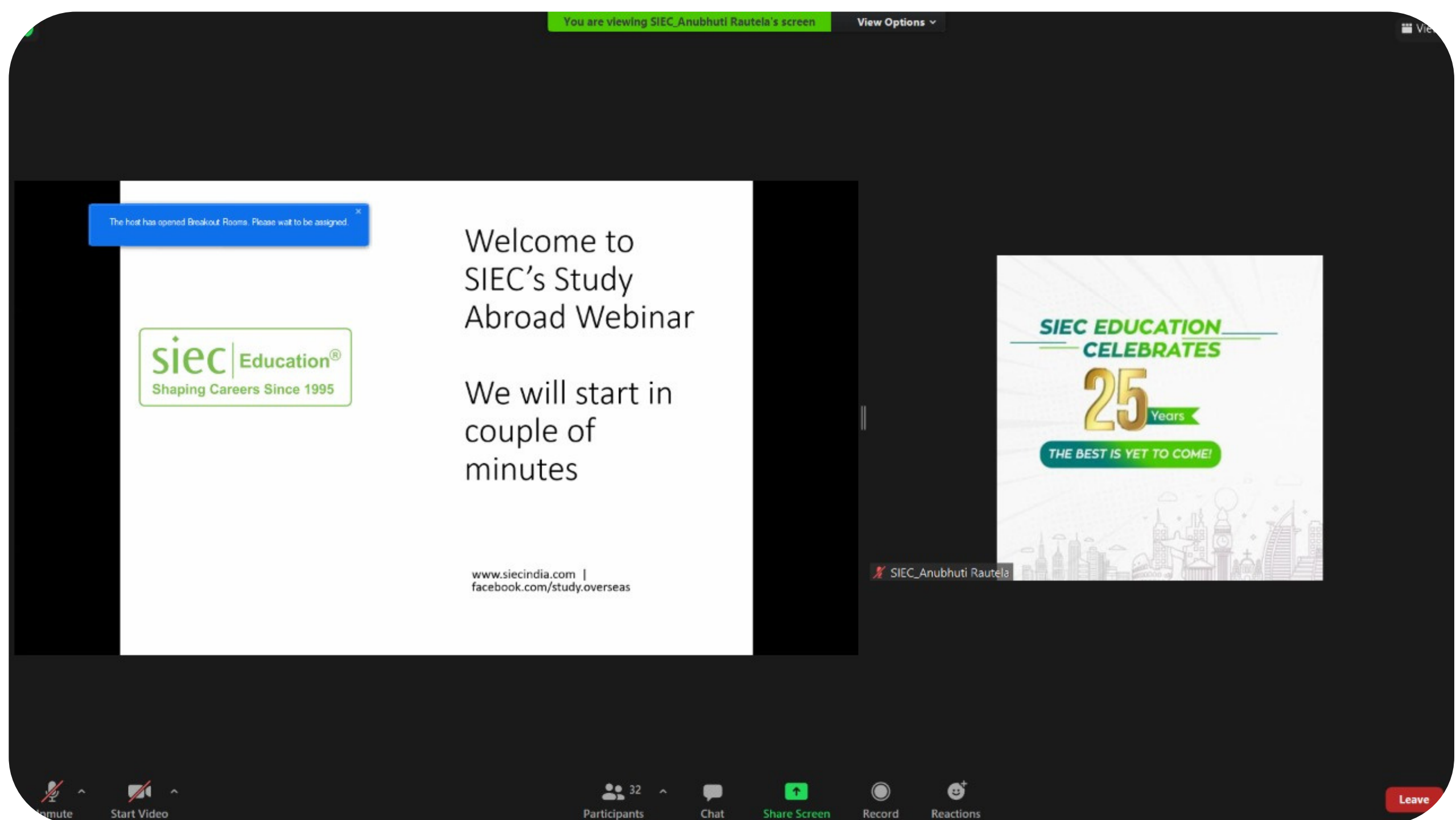
The students were taught about how Flutter is a great framework for creating beautiful apps both for Android and IOS, and in the future, for more platforms



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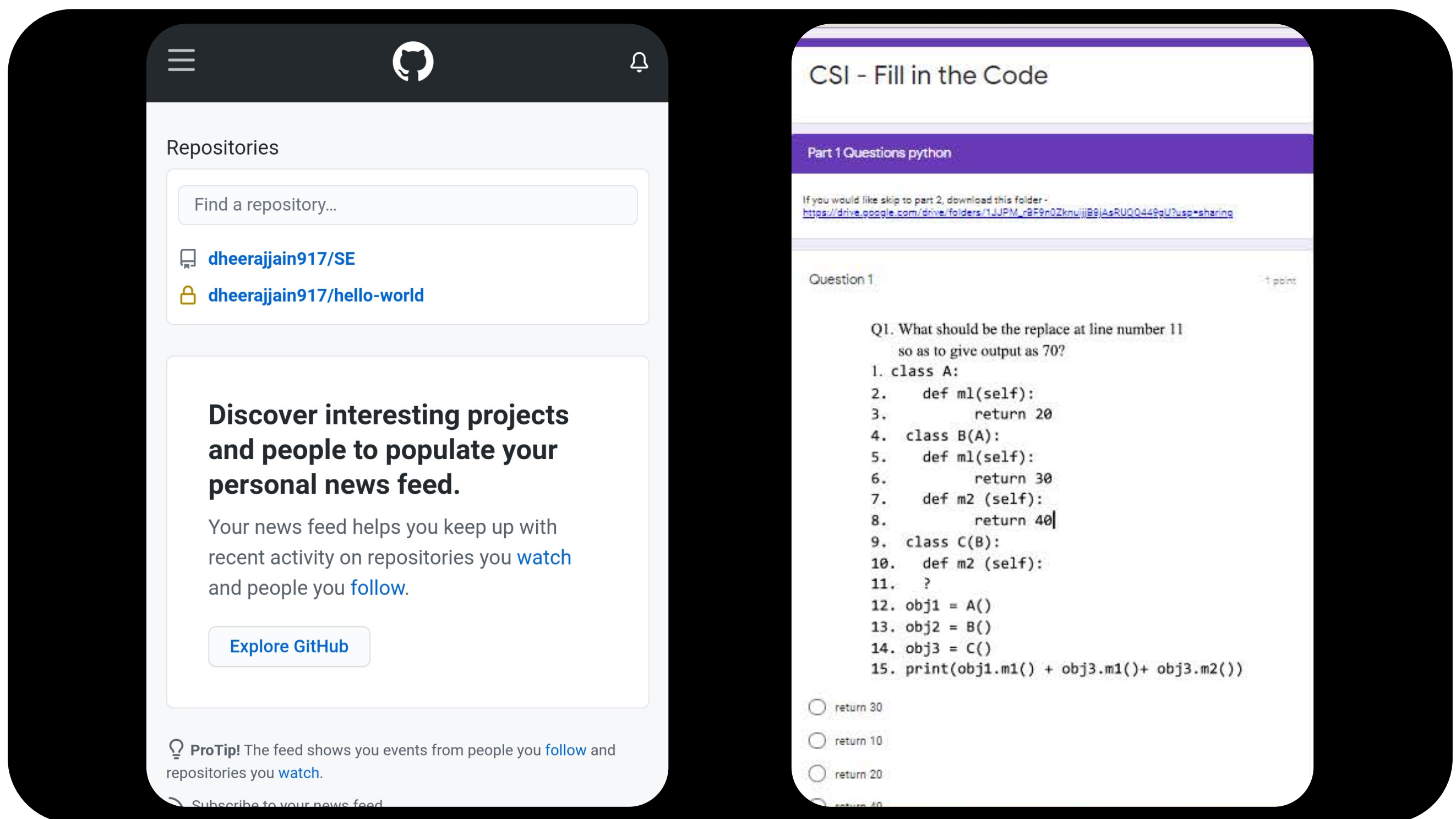
# Webinar with SIEC



To overcome the missing opportunities of Education Fairs in the pandemic, CSI – TCET organized a virtual global education fair with Spirit of International Education and Careers(SIEC) Education Pvt. Ltd. on 20th March, 2021 so as to assist, guide and counsel the second year, third year and final year students for the higher studies. Students also had the chance for one-on-one interaction with SIEC representatives in different breakout rooms for different universities segregated by their countries.




# Fill in the code



Over a decade, coding has been one of the most prominent skills across the globe. CSI - TCET organised a coding competition which was unlike any ordinary programming contest, to let the first, second- and third-year Computer department students brush-up and showcase their programming skills.

Overall objective of this event was to make participants think about the possible solutions and get the efficient path by applying core logic and checking the fundamental concepts of OOP. Participants were given the liberty to choose a language between two of the most in-demand languages, JAVA and PYTHON. The contest was broadly divided into two rounds.



The background features a series of overlapping, diagonal, light gray bands. On the right side, there are large, angular, geometric shapes in various shades of blue and black, creating a modern, architectural feel.

**You witness the **best**  
because you witness  
the working of **CSI**.**