

manoj

CSI- Computer Society of India



Annual Report 2020-2021

JAVA APPIFY

CSI-VESIT organised its JavaAppify workshop which was the first event conducted by the council of 2020-21. The workshop was conducted in three days on 4th, 5th and 6th December 2020. It came just in time during the practical examinations of SE's and proved to be very essential for its preparation. As a result, the workshop was open to members as well as non-members to attend. The principal benefit of the workshop was that it also included an Android App Development workshop on the 3rd Day. It was conducted by the Sr Technical officers and Sr. Web Editors.

All the basic and advanced Java concepts, along with its Object-Oriented features were covered on the first and second day. The third day of the workshop was Android App Development training. All the topics were practically implemented, which made the concepts clear to the audience. There were different meet slots for different department students with hands-on doubt clearance.

The workshop covered the following things:

DAY 1 :

1. Basics(Introduction, variables, operators, conditional statements, loops)
2. String, arrays, vectors
3. OOPM classes, constructors, objects, static, this keyword
4. Inheritance
5. Polymorphism
6. Abstract Classes

with
Charushreea Nehete



7. Encapsulation

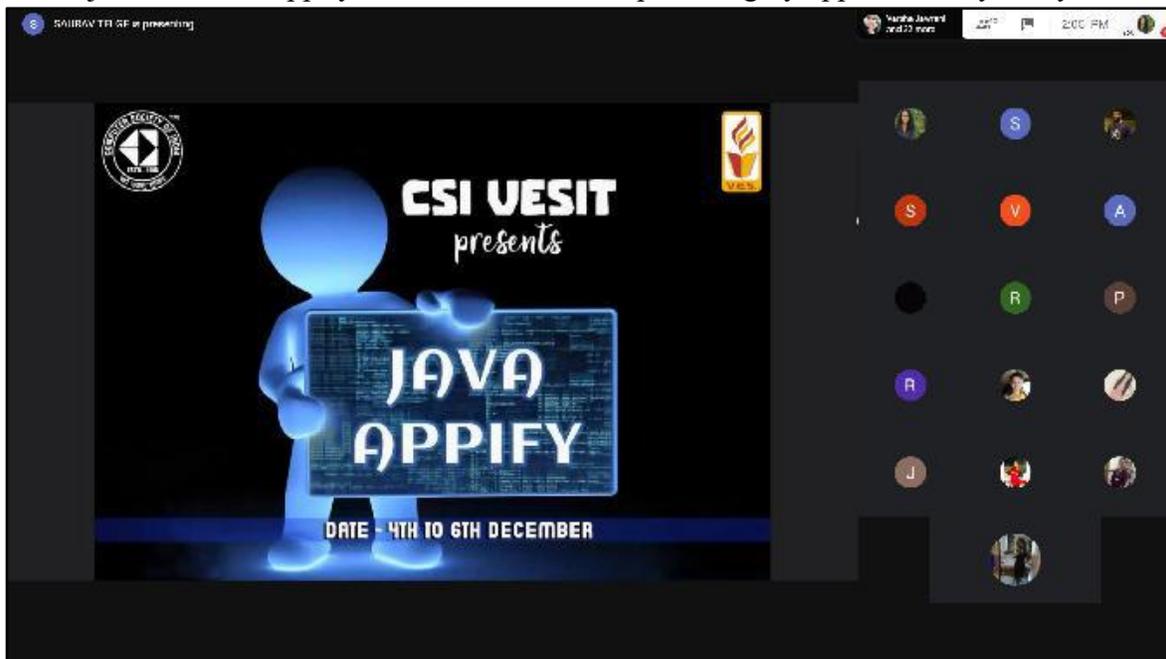
DAY 2 :

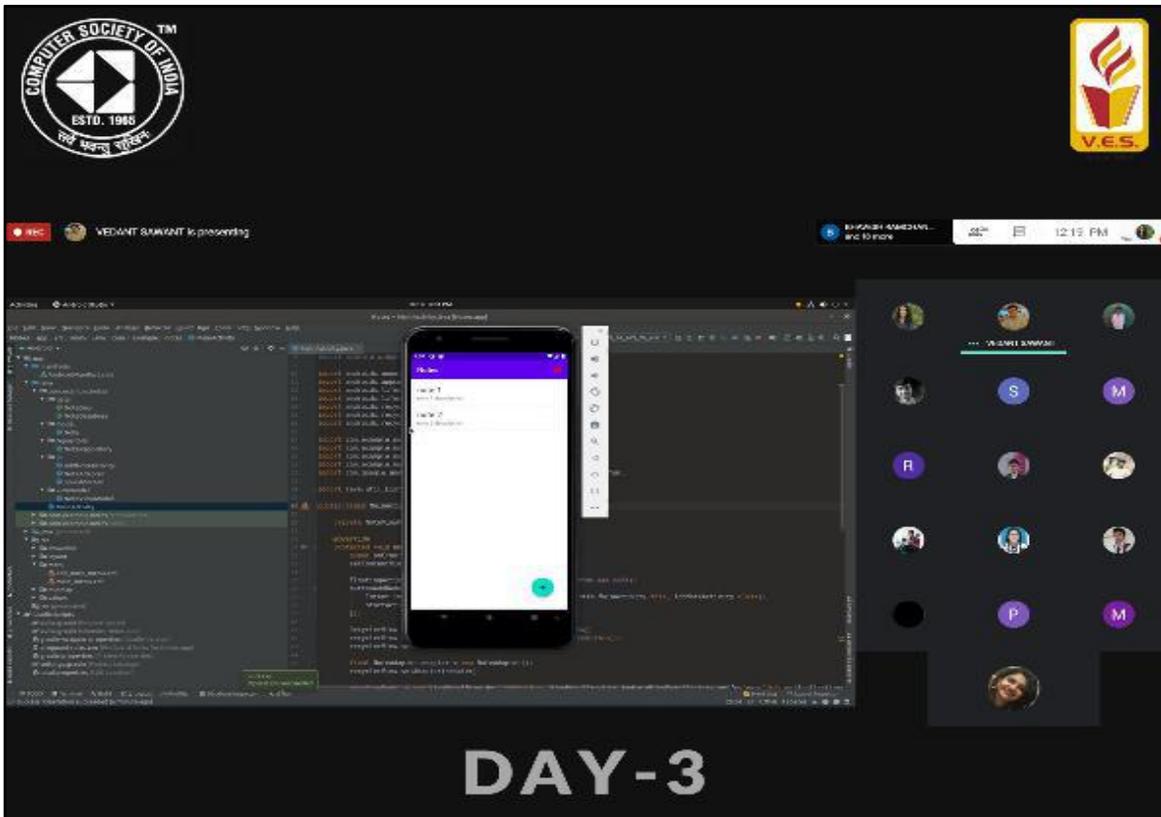
1. Exception Handling
2. User-defined Exceptions
3. Multi-threading
4. Recursion, Vectors, and Applets

DAY 3:

1. Android OS Introduction
2. Android Studio Introduction & Basics
3. XML
4. Java, Activities & Intents
5. Room Library
6. Notepad App using Java and Room

It was attended by more than 100 participants from different branches and hence, proved to be a great success as the participants learned to build robust applications using Java's object-oriented features and libraries. Dishant Lohana (D15), one of the attendees said, "Come with more seminars just like Java Appify". Hence, the workshop was highly appreciated by everyone.





Our Sr. Technical Officer Vedant Sawant(D12B) displayed the process of Android App Development in Android Studio through an emulator.

GITHUB WORKSHOP

CSI-VESIT conducted an online workshop on the 30th January, 2021 on Google Meet platform from 11 am to 1 pm. It emphasizes technical and practical knowledge about GitHub and its importance. This workshop aimed to catechize everybody with developing a complete repository, readme file and also hosting web pages through GitHub for free. The workshop was conducted in three sessions on the same day:

1. Introduction to Version Control and Git.

This session was conducted by Swarangi Dali (D12C). She explained how to set up a repository on GitHub, how to add new files, edit files and view commits, and history. Working with branches, Merging branches and Submitting Pull requests. It was quite easy to explain GitHub first and then move on to Git and then back again how to connect both.

2. Introduction to Git Bash and Exploring the GitHub UI.

Mcvean Soans (D9A) continued the short session with a hands-on introduction to some of the basic Linux commands and how to use the terminal effectively. Also explained step-by-step how

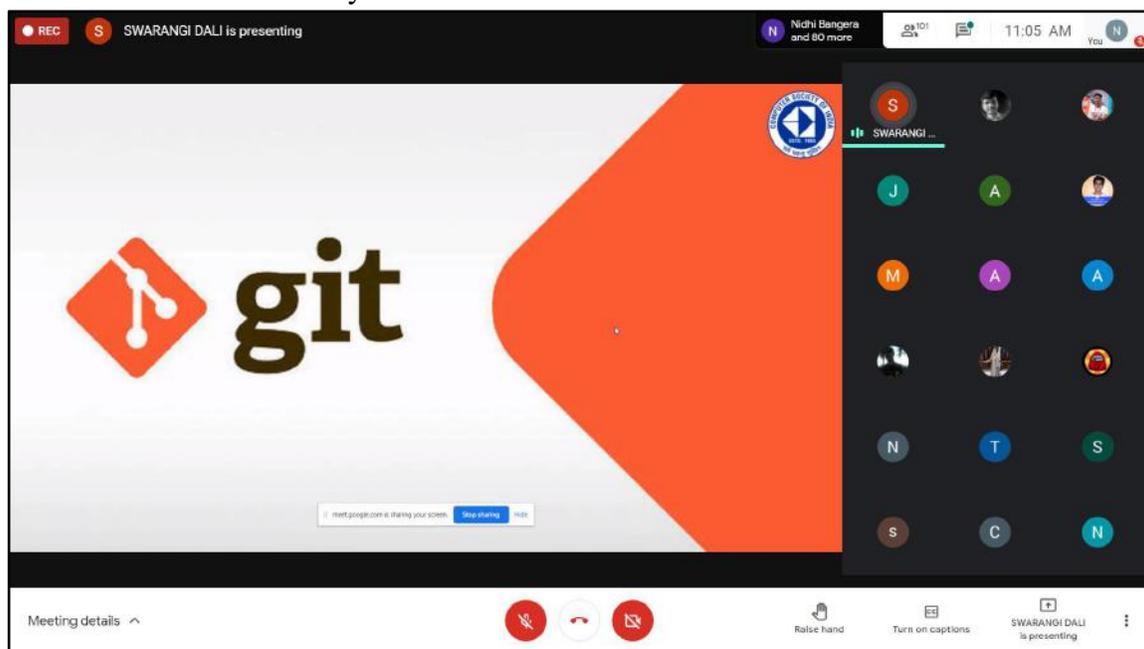
to create a repository, adding a readme file, adding the codes and commands to edit the same and pushing it to GitHub.

3. Introduction and Contributing to Open Source via GitHub.

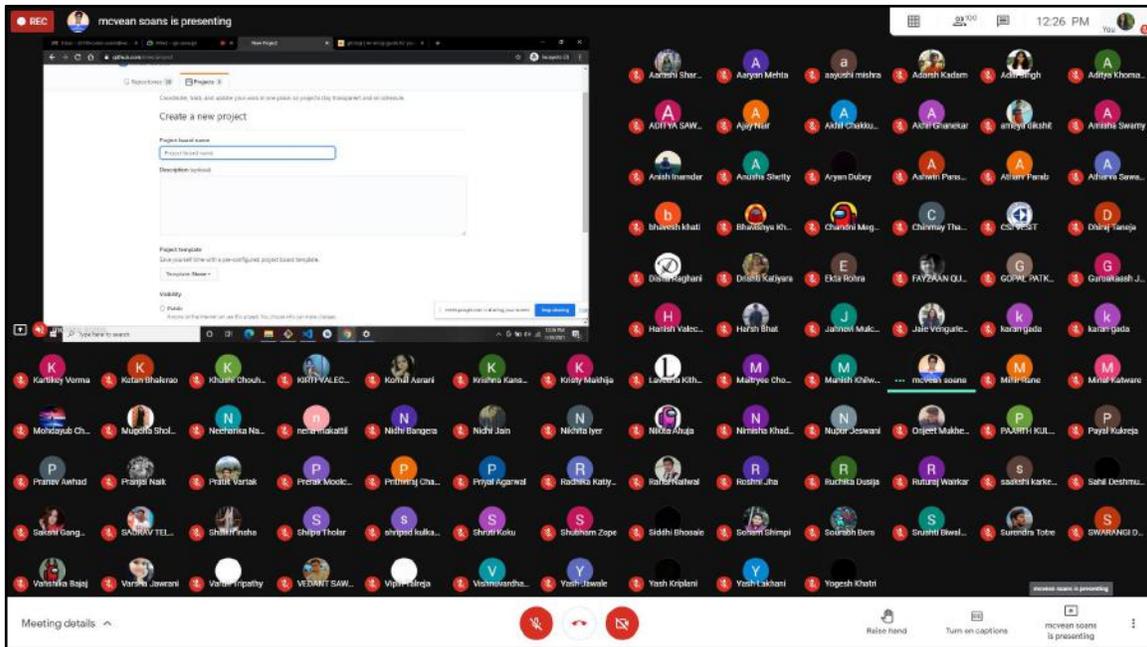
Vedant Sawant (D12B) gave hands-on training on setting up a repository locally and pushing it to GitHub, hosting webpages using GitHub, contributing to other's projects and best practices on Open Source.

The workshop was a success in all aspects and was attended by more than 100 attendees who were remarkably active throughout the session. Attendees were provided with cheat sheets and necessary tools after the session came to an end.

The workshop ended on a high note and received positive feedback with students being able to work with GitHub conveniently.



Our Sr. Technical Officer Swarangi Dali (D12C) giving a brief overview of Git.



Our Jr. Technical Officer Mcvean Soans (D9A) introducing GitHub Projects.

NODEJS WORKSHOP

CSI-VESIT organised its NodeJS workshop on 6th and 7th February, 2020 from 11 am to 1 pm. The workshop was conducted online on Google Meet platform. The main motive of the workshop was to acquaint students with various concepts of frontend and backend development used for building web applications and softwares.

The workshop was conducted in two sessions, the first on 6th February where the basics of JavaScript were introduced to the students which they will eventually be applying into NodeJS. The first day session was taken by Pooja Koshti (D12A), Elisha Mathurvaishya (D12C) and Pratik Vartak (D10B) where they explained about:

- Data types
- Functions and operators
- Displaying an output on web pages using JS
- Conditional statements, Error handling and JSON files
- BOM, DOM, Drum Kit Application Site

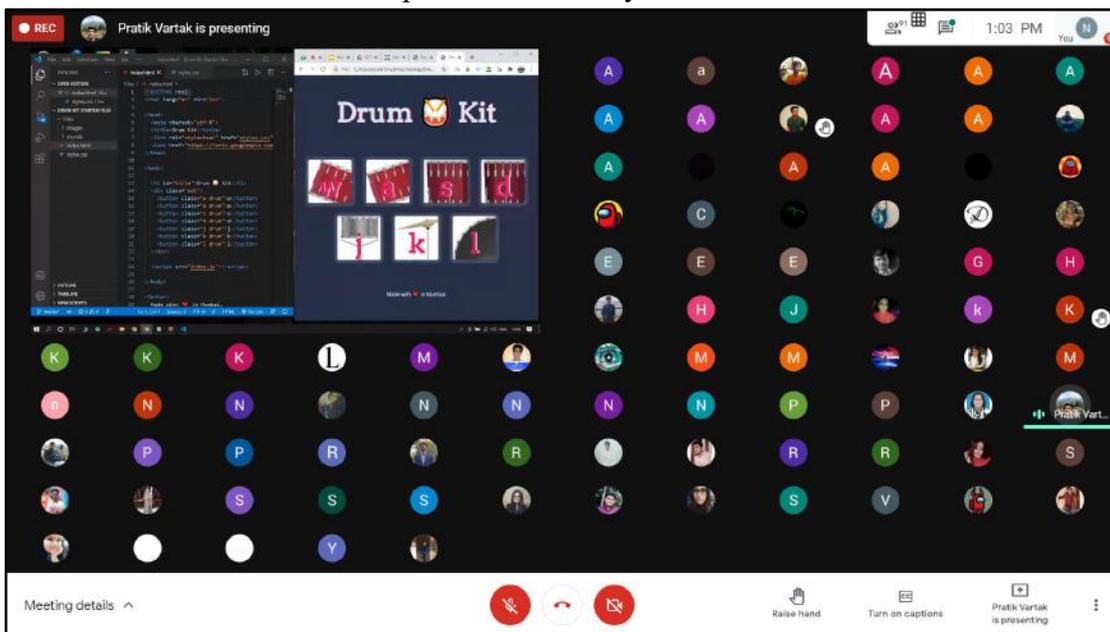
On the second day, the workshop continued with an aim to make use of NodeJS as a platform to build server-side applications as the students had already been taught about JavaScript and how to use it as a programming language. The second session was picked up by Mcvean Soans (D9A) and Aishwarya Sahu (D17A) who covered the topics on:

- Basics of NodeJS and NPM.
- Networking essentials
- Express.js
- Sample web application(ToDo List)

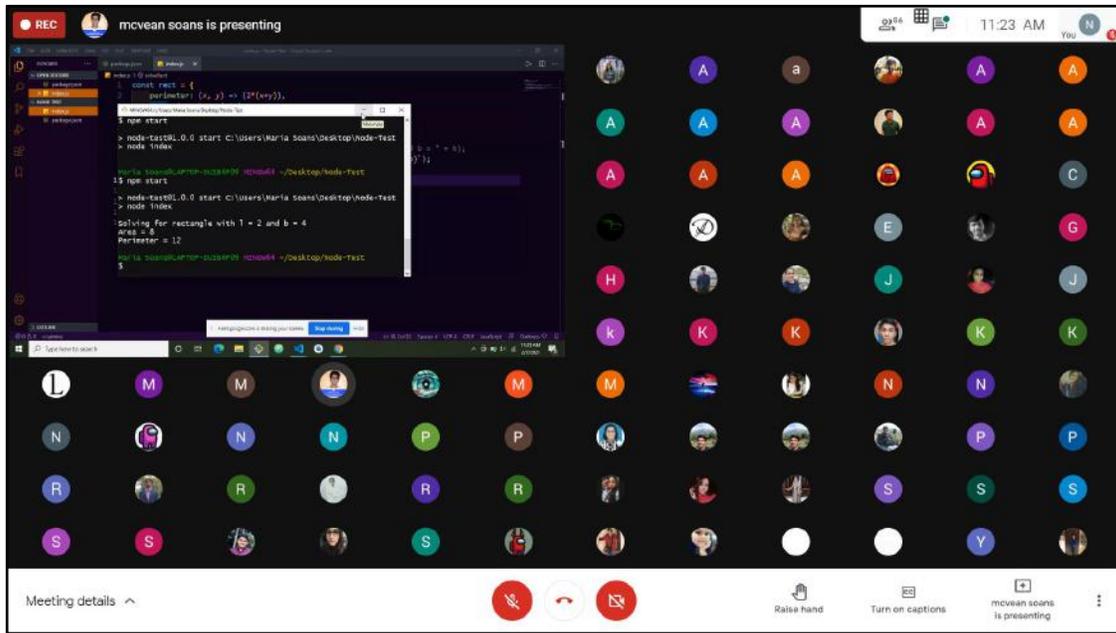
All the doubts asked by the students were cleared subsequently by our Technical team during the sessions.

Both the sessions were attended by more than 100 students and at the end of Day 2, the workshop ended on a high note with all the students having a proper insight of the basics of NodeJS and its implementation for building web apps.

Positive feedback was received from the student's side as everyone was content enough by the smooth conduction of the workshop. Our team at CSI-VESIT was more than happy to enlighten the students with constructive concepts in their already tech-oriented minds!



Our Jr. Technical Officer Pratik Vartak (D10B) demonstrating the Drum kit application made using JavaScript.



Our Jr. Technical Officer Mcvean Soans (D9A) giving an insight into Node.js Basics.

HIDDEN CIPHER EVENT

CSI-VESIT conducted one of their much awaited events, Hidden Cipher on 13th and 14th February, 2021. A large number of participation was seen throughout the event with 15 teams registering themselves.

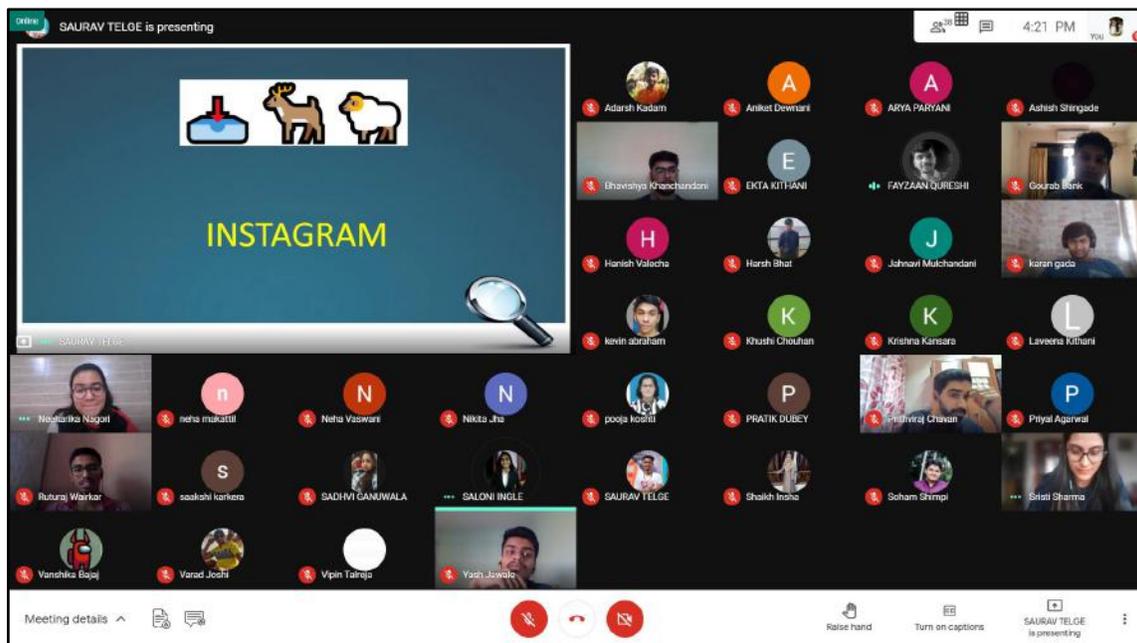
On the first day, the event was conducted on two meets where the hosts explained to our participants how the elimination rounds would take place in the beginning. The event started with round 1 where the teams had to guess the meaning of symbols that were displayed based on very peculiar observations. The second round consisted of the members having to make out a word based on vivid and very confused images followed by the round where the meaning of emojis were to be interpreted by the participants. The first day of the event garnered a huge response from all the team and was seen to be interactive throughout.

On the second day, the top 10 qualifying teams competed in the semi finals which was a very intuitive kind of a round, it had the teams bet on other teams guessing to have solved a particular cipher without the teams knowing the result of the bet till the results were announced. Top 5 teams qualified for the finals of the event. The finals had quadratic equations that had to be solved whose roots would be used to shift the letters of a jumbled word and make as many words from that word as possible. The participants were told to take a selfie with these objects and post

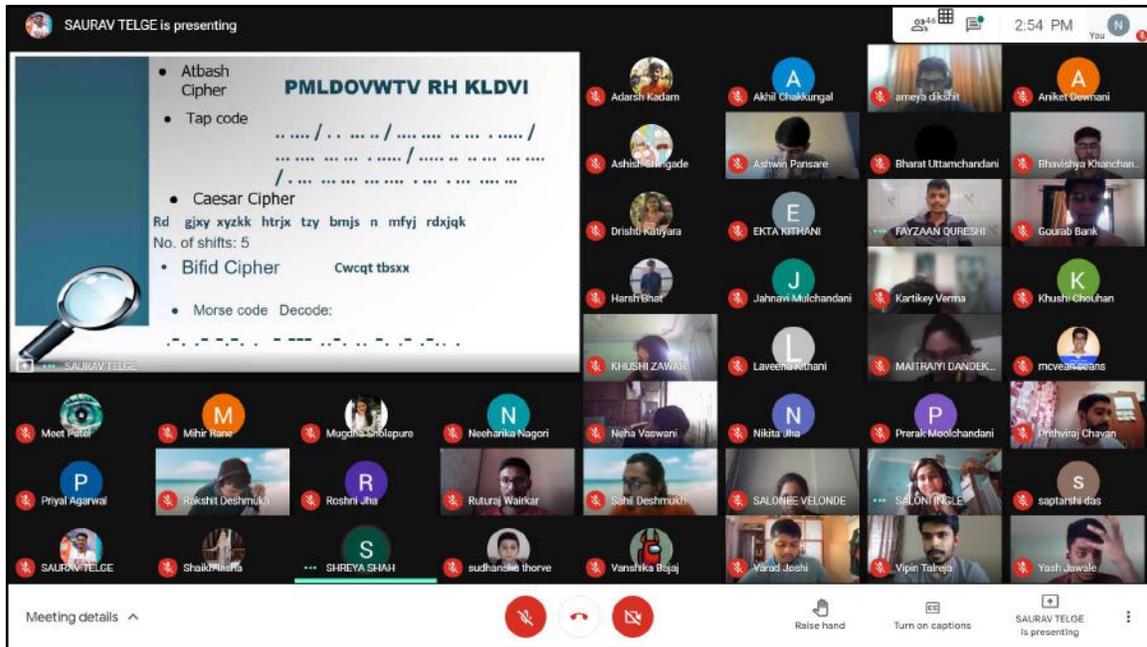
it as a story on instagram tagging CSI-VESIT. The final round was very thrilling and it saw one of the most interactive and smart teams compete with each other. The event ended on a high with the winners emerging to be:

- **1st Place :**
 - Yash Jawale(D7B)
 - Gourab Bank(D7B)
 - Ruturaj Wairkar(D7B)
- **2nd Place :**
 - Prithviraj Chavan (D7B)
 - Priyal Agarwal(D7B)
 - Vipin Talreja (D7B)

One of the winners Yash Jawale (D7B) said, "the finals were surely like a FINAL and we as a team were just out there scratching our heads to the mind puzzling ciphers that were given, I have never had such an amazing experience yet". Hence, our council was more than pleased to have conducted the event smoothly and with the satisfaction of all our members.



Participants interpreting the meaning behind the emojis.



Teams trying their best to decipher the secret message.

PHP LARAVEL WORKSHOP

CSI-VESIT hosted a workshop on one of the most starred LARAVEL PHP frameworks on the 20th and 21st of February 2021 from 11 am to 1 pm. The workshop was held via the Google meet platform. Our main motto was to enhance the technical capabilities of students by giving them a hands-on experience on a real-world example and acquaint them with frameworks like PHP and Laravel.

It was a two-day workshop wherein on the first day participants were briefed about PHP basics, its syntax and also were introduced to MySQL which form their base for understanding Laravel Framework. Day 1 of the workshop was conducted by Pooja Koshti and Bhavesh L. Topics covered on during the first session were:

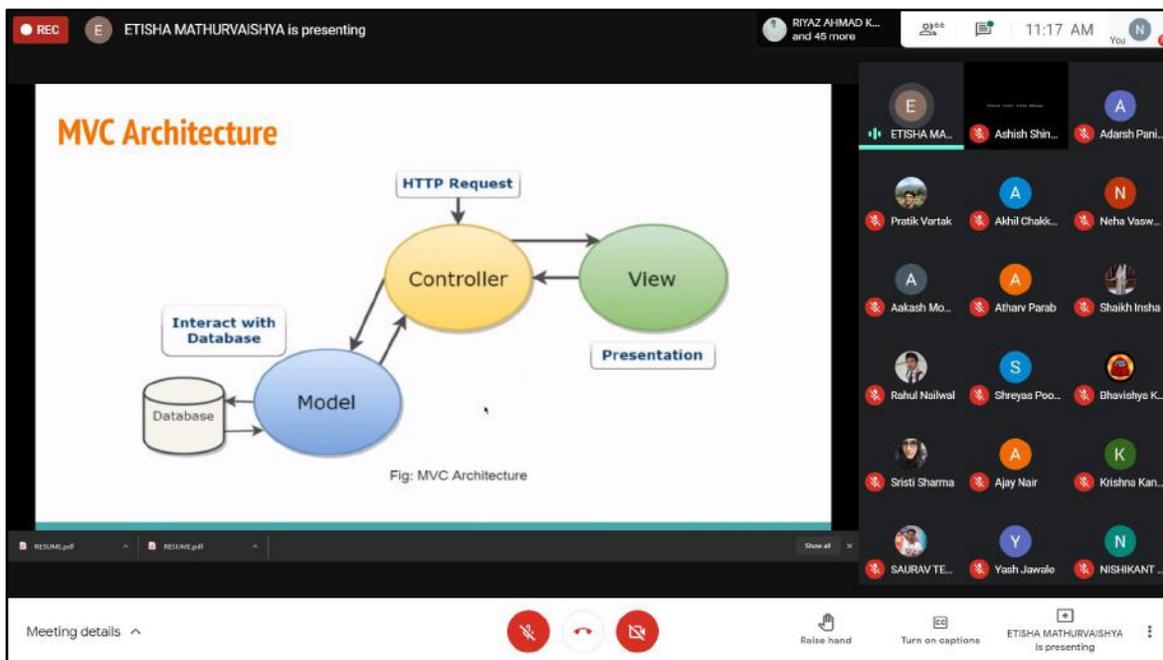
- PHP basic syntax
- Adding comments in PHP files
- PHP variables
- strings and data types in PHP
- conditional statements and loops

- basic SQL commands,
- database query
- Creation of a database table
- types of SQL queries.

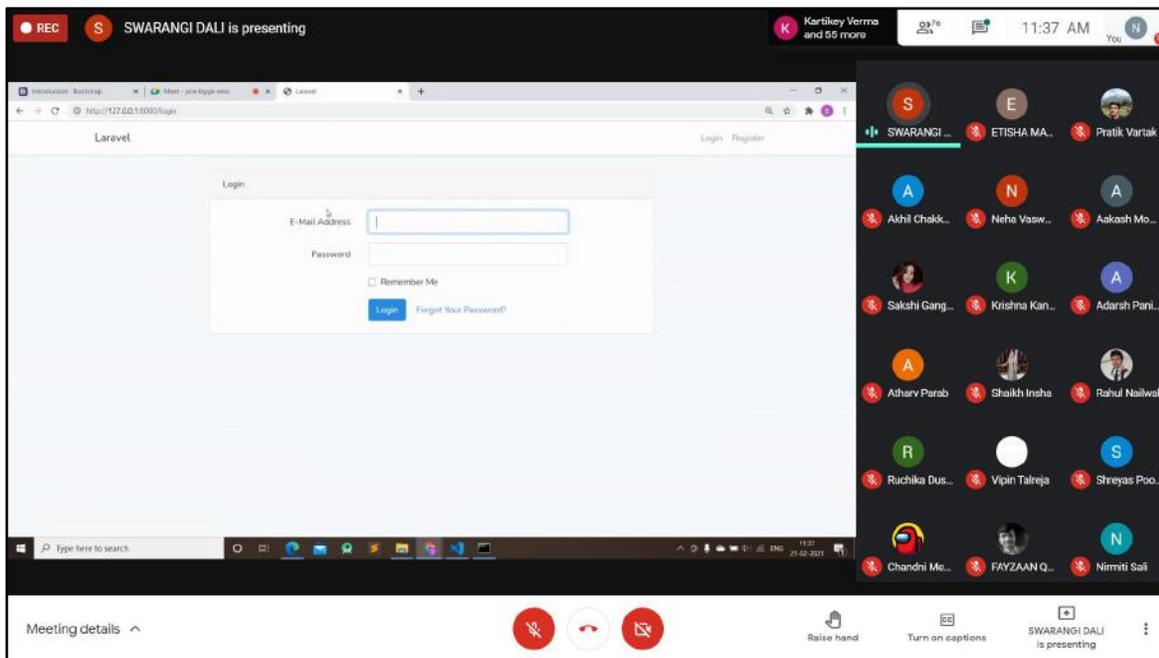
The second and the final session of the workshop aimed to deliver complete knowledge about using PHP to create Laravel framework which would, in turn, help them in building swift and convenient websites. On the final day of the workshop, Etisha started with a brief session on Laravel and Swarangi demonstrated the procedure to develop a blog site. The site was designed to store the blogs created and record the date and time for the same. It would display the list of blogs stored and also provide the option to modify them if required.

- Laravel and its features of Laravel
- MVC architecture
- PHP development environment
- Sample web application (Blog Site)

All the doubts asked by the students were cleared subsequently by our Technical team during the sessions. This thus helped students to successfully create a website using the Laravel framework from scratch. The workshop ended on a high note and received huge participation of about 100+ students. Encouraging feedback was received from the audience that they could implement their learning in the upcoming Mini Project. To sum up, the workshop was very informative and captivated the audience.



Our Sr. Web Editor Etisha Mathurvaishya (D12C) explaining the MVC Architecture.



Our Sr. Technical Officer Swarangi Dali (D12C) demonstrating Authentication used in the hands-on Laravel web application.

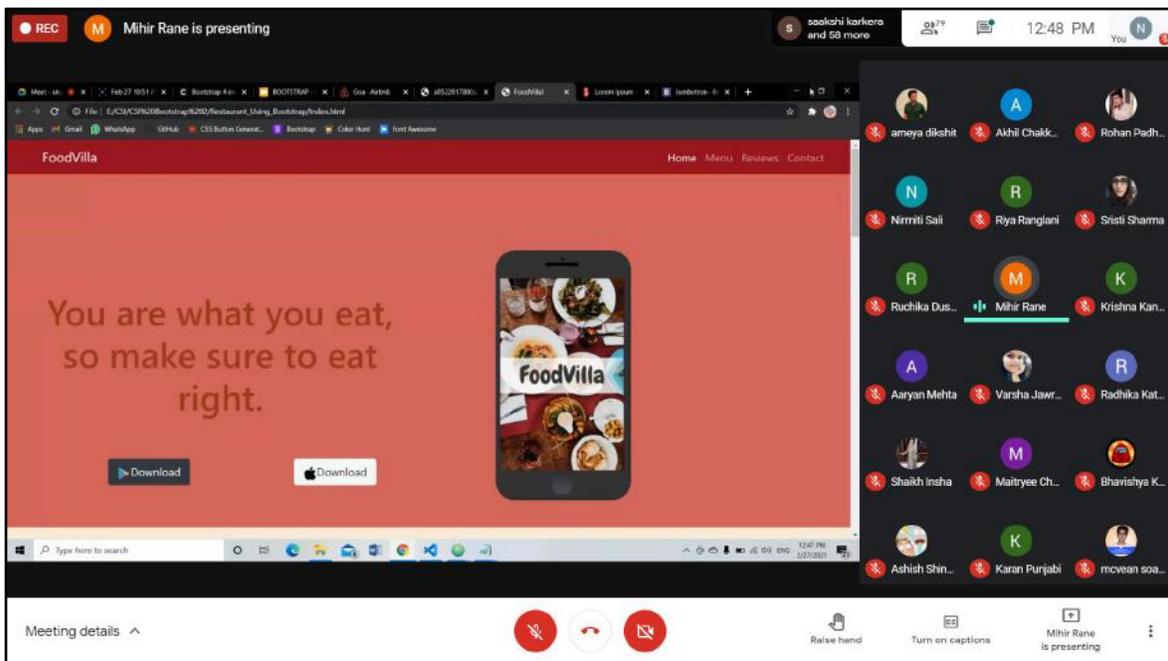
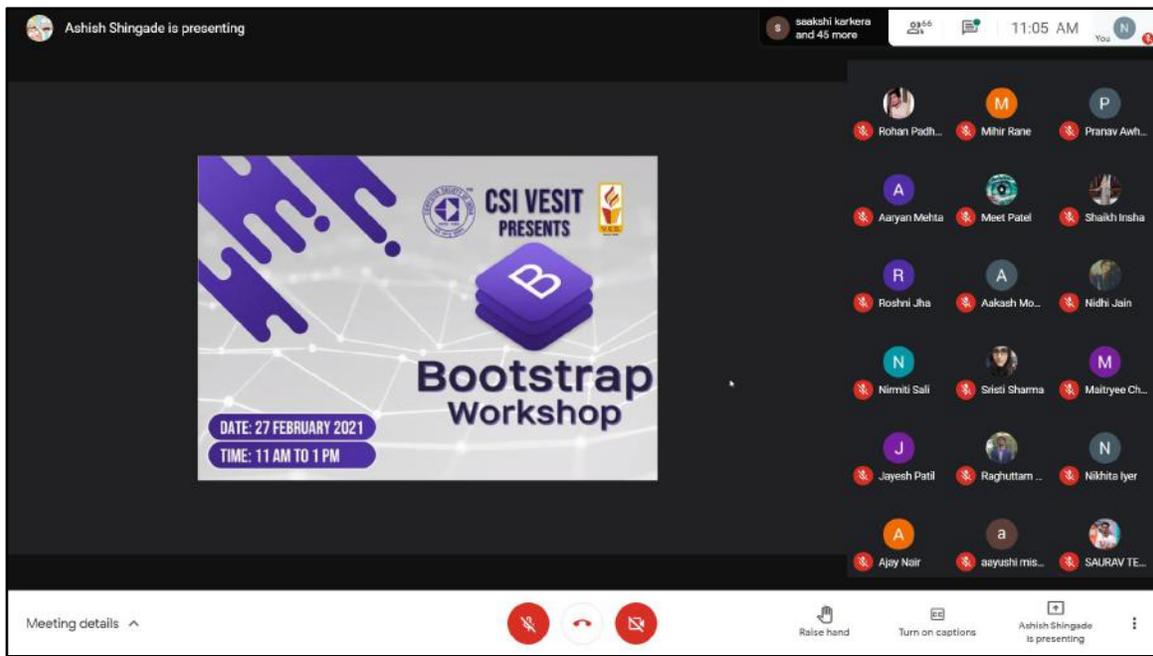
BOOTSTRAP WORKSHOP

On 28th February, 2021 CSI-VESIT conducted its Bootstrap workshop which was a session to guide the students to create web applications and pages using Bootstrap. More than 80 members joined us for the workshop, the same number which was maintained till the end proving it to be an amazing session of web page designing.

Aniket Dewnani(D7B) started the session with explaining the basics of HTML tags and how they can be used to create web pages followed by him teaching the concepts of CSS, including CSS in an HTML document and also how to use the many attractive properties of CSS. Mihir Rane (D7B), our Jr. Web editor continued the workshop where he highlighted the uses of Bootstrap and how it can be so easy to create web pages. A basic demonstration of Bootstrap was explained by Mihir followed by him presenting a restaurant's website named FoodVilla which had a menu, its location on Google maps and a number of customer reviews. All of this was done using Bootstrap which proved it to be one of the best mediums for designing a user interactive web page. Our participants were truly amazed to see the innovations in these websites as they got a hands-on experience of how it worked and functioned in a practical manner.

At the end of the day, the participants were able to learn basic concepts of HTML, CSS and Bootstrap to be applied for a socially interactive web application and members were thoroughly

satisfied with the flow of the workshop. One of the participants, Neha Vaswani(D7B) said "I was so eager to learn to make a website, but didn't know it was so easy to create one using Bootstrap just by knowing some basics and obvious concepts. Looking forward to more of these workshops".



Our Jr. Web Editor Mihir Rane (D7B) introducing the sample website to be created during the website.

WLAN GAMING EVENT

CSI-VESIT conducted its WLAN event from 1st to 6th March, 2021. The event witnessed a huge amount of participation in all the games through all games that were held. Non members were also allowed to participate by paying a nominal fee for each of the games. The games that were conducted were CODM, Valorant, DOTA2, CS GO and Rocket League. The number of participants in each game were Valorant: 45 participants, DOTA 2: 9-10, CODM: 30, Rocket League: 15.

On the first day, the first slot of Rocket League was conducted along with its finals. On 2nd March, the CODM elimination rounds, the quarter finals of Valorant and the second slot of Rocket league took place where teams compete amongst each other for securing their place in the finals. The semi finals of Valorant and elims of DOTA2 were on 3rd March followed by the finals of DOTA2 and CODM on 5th March. The most highly participated game, Valorant had its finals on 6th March.

The winners of all the games were:

- CODM: Jayesh Kriplani and the team
- Rocket League: Gurudatt Gaonkar
- DOTA2: Atharva Godse
- Valorant:
 - 1st place: Jatin Acharya and team
 - 2nd place: Aditya Khomane and team

A lot of enthusiasm was seen in all the teams throughout the event and all were more than content for the smooth conduction by our council. With the internal assessment tests nearing, the event was a refreshing experience for our members getting an opportunity to compete in one of the best online gaming platforms of all time. In conclusion, our council was more than happy to have emerged successful in having a decent flow throughout the event without any issues or deviations.



A thrilling match to score the most points! Participants duel it out in Rocket League.



An enticing battle between two squads in COD Mobile!

MACHINE LEARNING WORKSHOP

The Machine Learning Workshop was conducted as a CSI-IEEE VESIT collaboration on 20th, 21st, 27th, 28th March 2021. The workshop aimed at providing students with a platform to explore this domain. It was a 4-day workshop that aspired to cover the complete basics of machine learning. Day 1 of the workshop was conducted by Saurav Telge (Operational Secretary CSI VESIT).

Topics covered on day 1 were:

- Introduction to Machine Learning and its types
- Basic python libraries used in machine learning:
- Linear Regression

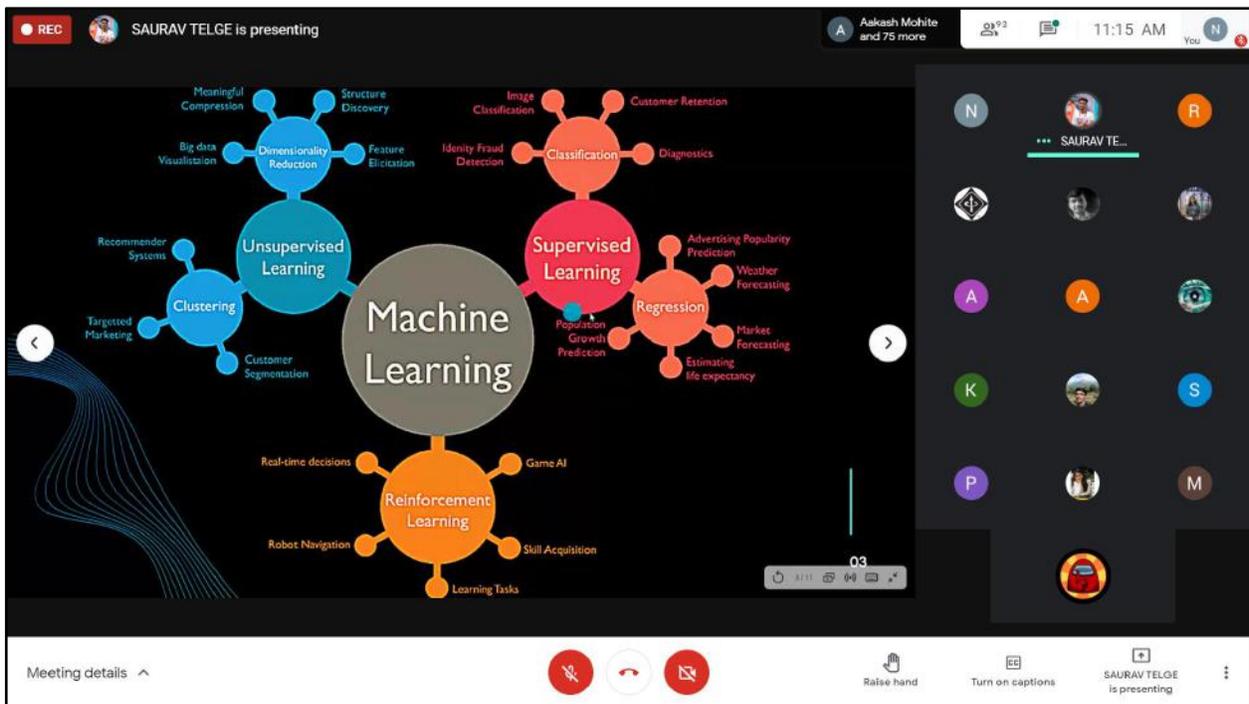
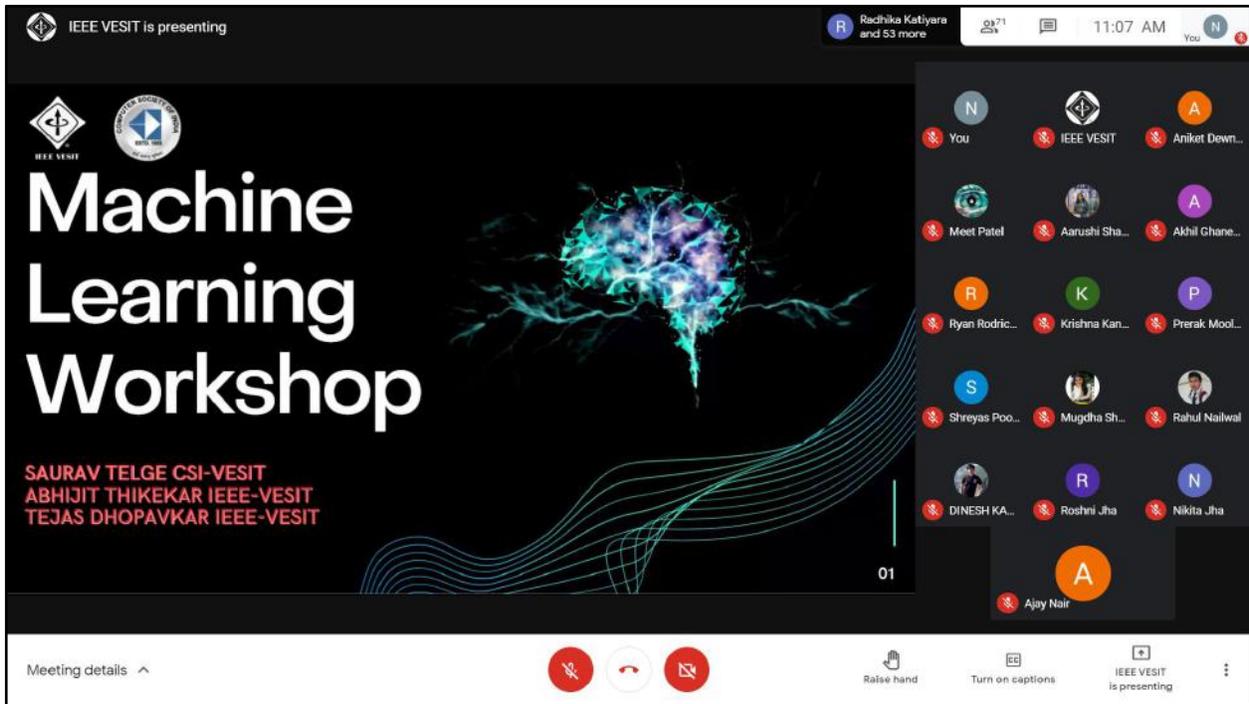
Students were familiarized with the basics of machine learning and were ready to explore the vast domain of machine learning. Day 2 focused on topics:

- Logistic Regression:
Used for modeling probability of a certain class or event such as pass/fail, yes/no, 0/1
- Hyperparameter tuning:
Underfitting, overfitting, ideal fitting of machine learning models, tuning different parameters like the number of attributes to be taken as input, to increase the accuracy of the machine learning model. i.e bit of body text

By the third session, students were well acquainted with machine learning concepts. Thus on Day 3 and Day 4 students were introduced to machine learning algorithms and their implementation. There we ensured the students get a hands-on experience of the theoretical concepts. The following concepts were explained:

- K Nearest Neighbor:
An unsupervised learning model that stores all available cases and classifies new cases based on similarity measures.
- Artificial neural networks:
They are computing systems vaguely inspired by the biological neural networks and are used for making time-series, predictions, classification, and analysis of body text.

Students were given insights about advancements in the Machine learning Domain. All the doubts asked by the students were cleared subsequently by our Technical team during the sessions. The workshop received encouraging feedback from the students. Several students quoted that they would like to explore more about Machine learning and try their hands on this technical domain.



Our Operations Secretary Saurav Telge (D12A) briefing the participants on Machine Learning Techniques.

PYTHON WORKSHOP

The Python workshop was conducted by CSI on the 10th and 11th April 2021 through Zoom meetings. This was the two days' workshop on python language organized for students to explore the power and simplicity of python language.

Day 1 of the workshop was conducted by our senior web editor Bhavesh Lohana and junior technical officer Aditya Dubey. Concepts covered were:

- Introduction to Python and its syntax.
- Python data types, operators, loops and functions.
- Error handling in Python
- Data Structure in Python
- Python Modules

Our senior technical officers Vedant and SherAli Sher hosted the second session of the workshop wherein they focused to cover the advanced concepts of python. They also provided them with demonstrations and hands-on experience. The topics covered were:

- Object-Oriented Programming
- File handling and database in Python
- Python Libraries their application and use

Our technical team provided some useful PyTips throughout sessions which helped the students in better understanding also doubts faced by the students readily cleared. The workshop was a great success in all aspects and was attended by more than 85 participants. The workshop was appreciated by all students, as they were able to add another programming language in their technical skill set. Also many students quoted that the tips and tricks shared would help them in their oral exams.

The screenshot shows a Zoom meeting window. The main content is a banner for a "PYTHON WORKSHOP" by CSI VESIT. The banner includes the dates and times: "Date: 10 April 2021 4pm to 6pm" and "11 April 2021 11am to 1pm". To the right of the banner is a list of 52 participants, including names like Nupur Jeswani, CSI VESIT (Host), Ashish Shingade, and others. The Zoom interface shows various controls like Unmute, Start Video, Participants, Chat, Share Screen, and Record. The system tray at the bottom shows the time as 16:07 on 10-04-2021.

The slide is titled "TOPICS" and lists three main topics to be covered during the session:

- 1. OOP**
Classes, Objects, Inheritance
- 2. Files & DB**
open(), read(), write(), CRUD with sqlite
- 3. Numpy & Matplot**
Random, Arrays, Plots

Concepts to be covered during the session.

CRICOMANIA

'Cricomania' the most awaited and anticipated mega-event organized by CSI- VESIT was conducted for its family on the 2nd and 3rd April 2021 on the ZOOM meet platform.

The event allowed participation of SEs, TEs, BEs and MCA students. As astounding the name sounds, 'Cricomania' offered the participants a fun and exciting experience with all its events based on Cricket. The event was conducted for two categories separately, the first day was for the SEs and MCA and the next day was for the TEs and BEs. The event was planned in three main rounds 'The Auction Rounds', with two 'Sponsorship Rounds' between them.

The Auction rounds offered teams different pools from different categories of players like; batsmen, bowlers, wicketkeepers, allrounders and Legends. Team Eliminations were scheduled at regular intervals based on the minimum number of players of each type required. The sponsorship round was where a bunch of fun and cricket related mini-games were organized. This allowed the participating teams in gaining some money for their Auction round. After a highly competitive and engaging game, the winners for both the categories were decided on the sum total of credit points of each player in their Cricket team.

The events proved to be a very successful one, with a total participation of 21 teams - 11 from SEs & MCA and 10 teams from TEs & BEs. It was a perfect brew of leisure and compassionate event for all the Cricket enthusiasts. The event was not only well organized but also one of the most successful mega-events organized by CSI.

The ultimate cricket champions were :

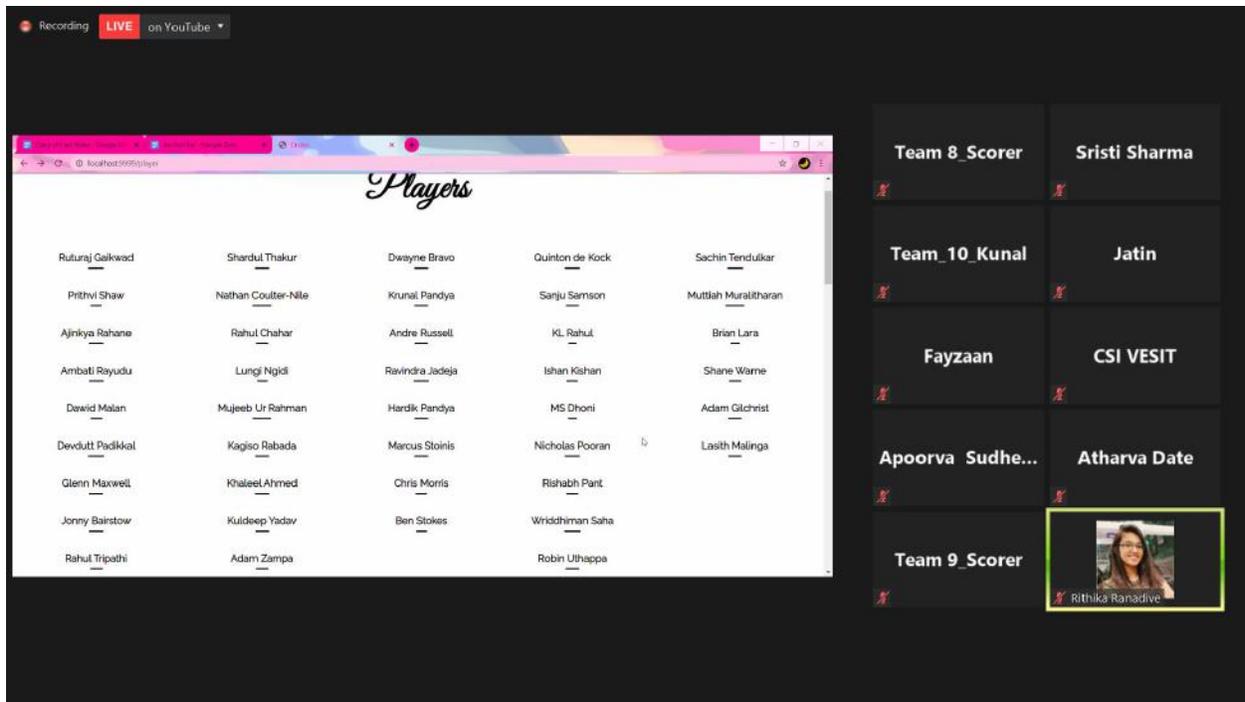
SE and MCA:

1. Ketan Bhalerao and team (D10B)
2. Aashish Raheja and team (D7B)

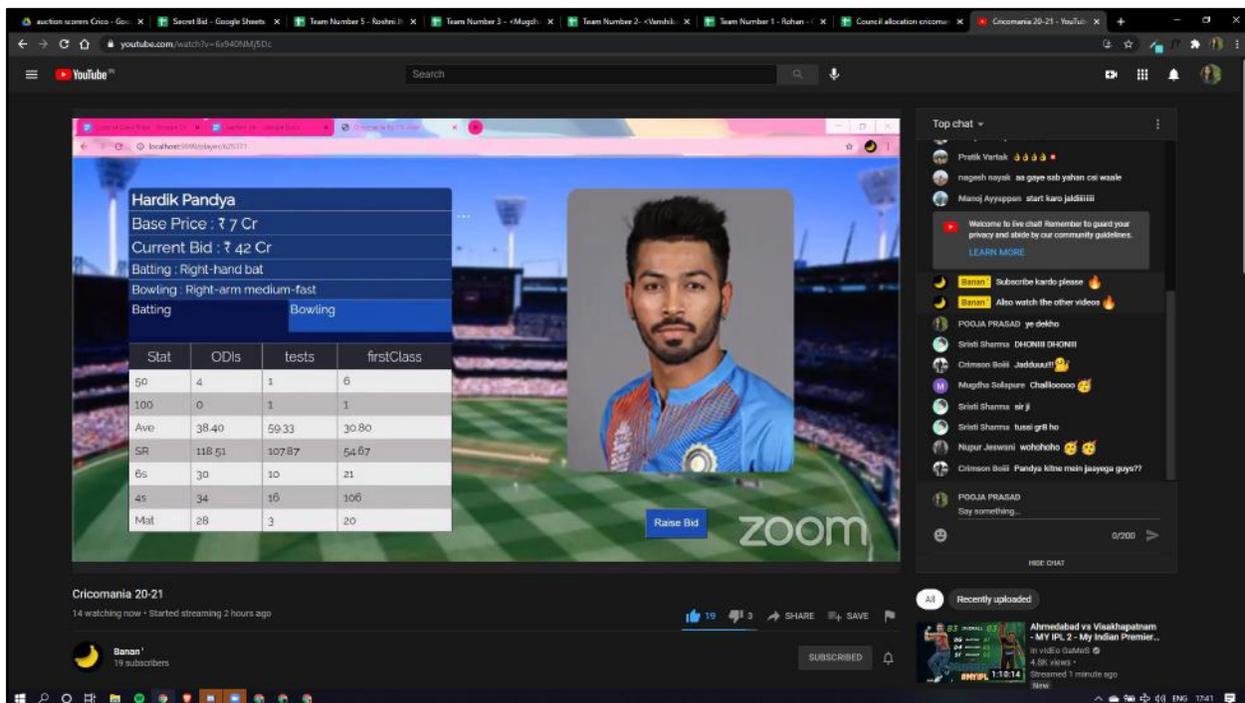
TE and BE:

1. Kunal Bhor and team (D16B)
2. Sahil Talreja and team (D17A)

One of our participants Anish Vaidya quoted the event to be genuine. He also added that he got the feel of college for the first time post covid. Other participants also said that even though being virtual held the whole event was smoothly conducted.



Let the bidding begin! Cricketers listed for the Cricomania Auctions.



Let the bidding begin! Cricketers listed for the Cricomania Auctions.

CODE KNIGHTS

Just before the much awaited Praxis kicked off, CSI-VESIT conducted Code Knights as a Pre-Praxis event on 17th April, 2021 from 7 pm to 7 am as a 12-hour Hackathon on Hackerrank.

A total of six coding questions were given to the participants to be solved in 12 hours. Students had a choice to solve the problem statements from a plethora of coding languages which included:

- C/C++
- Java
- JavaScript
- Python

A huge amount of participation was witnessed this year where 64 participants from SEs and 68 from TE competed in the Hackathon. The council ensured that a plagiarism test was done and points were accordingly allotted for the number of test cases solved during the 12 hour event. All solutions presented by the participants were checked and read thoroughly discarding duplicate codes, before declaring the results.

The winners that emerged:

SEs:

1. Pratik Aswani
2. Sakshi Kharche

TE/BE/MCA:

1. Anurag Dash
2. Shravan Bhat
3. Rohit Manjula

A lot of positive feedback was received from the participants' side as our council was involved throughout the course of 12 hours to aid the students in any kind of issues or complications in order to carry on a smooth conduction. Anurag Dash(D15) commented that,"All questions were really innovative and it was exciting to solve such creative problem statements. Overall good conduction!"

Innovative war problem statements in the form of challenges being introduced to the students just before the event.

Submitted 20 hours ago • Score: 40.00 Status: Accepted

| | | |
|----------------|----------------|----------------|
| ✓ Test Case #0 | ✓ Test Case #1 | ✓ Test Case #2 |
| ✓ Test Case #3 | ✓ Test Case #4 | |

Submitted Code

```
Language: Python 3
1 n=int(input())
2 m=[]
3 for i in range(4):
4     m.append(list(map(int,input().split())))
5 a=[]
6 b=[]
7 c=[]
8 d=[]
9 x=[]
10 for i in range(n):
11     a.append(sum(m[0][i:]))
12     b.append(sum(m[1][i:]))
13     c.append(sum(m[2][i:]))
14     d.append(sum(m[3][i:]))
15 for i in a:
16     for j in b:
17         for k in c:
18             for l in d:
19                 if i==j and i==k and i==l and j==k and j==l and k==l:
20                     x.append(i)
21 print(max(x))
```

The code submitted by our participants being analysed for duplications and plagiarism by our technical team.

COMPUTER SOCIETY OF INDIA
ESTD. 1995

**e-PRAXIS'21 ORGANISED BY VRC IN ASSOCIATION WITH
VESIT IIC AND IQAC**

**CSI-VESIT
PRESENTS**

CODE KNIGHTS
WINNERS

SEs

1 Pratik Aswani(D7B) **2 Sakshi Kharche(D10A)**

TE/BE/MCA

1 Anurag Dash(D15) **2 Shravan Bhat(D17A)** **3 Rohit Vinod(D17C)**

SHERLOCK AND WATSON

CSI-VESIT conducted its first Praxis event Sherlock And Watson on 21st April, 2021 at 12.30 pm. Being one of the primary technical events of the society, a huge number of registrations were received and were seen to exceed the number from even the previous year. A total of 29 teams participated in the event where students were told to form teams of two- Sherlock and the other Watson. The students were allowed to code in the language of their choice that suits convenient for both the participants.

The event started off with the participants being explained about the rules and choosing a problem statement randomly and were told to decide among themselves for the designation of Sherlock and Watson. Each team had 30 mins in hand- 15 mins for Sherlock as he solves a problem statement given to him and gets the desired output for it. The other 15 mins for Watson to verify Sherlock's code and solve his own unique problem statement by taking Sherlock's output as his input. Supervisors throughout the event made sure that there are no malpractices as the participants were told to switch on their camera and present their screen simultaneously.

The event was conducted in two slots, the first being from 12.30-1.00 and the second from 1.00-1.30. All teams successfully completed their respective problem statements almost in time as our council supervised the proceedings of the event smoothly.

The winners were as follows:

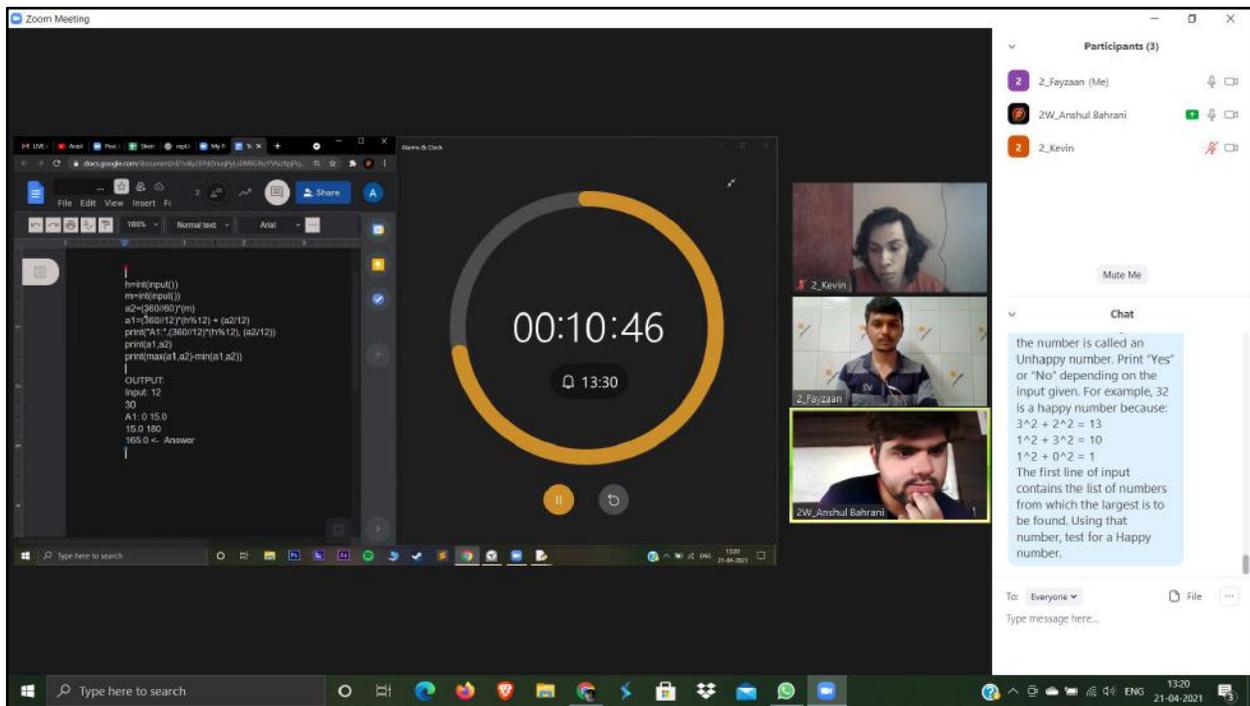
SEs:

Shubhangi Zope & Samita Kanojia (D7B) -1st

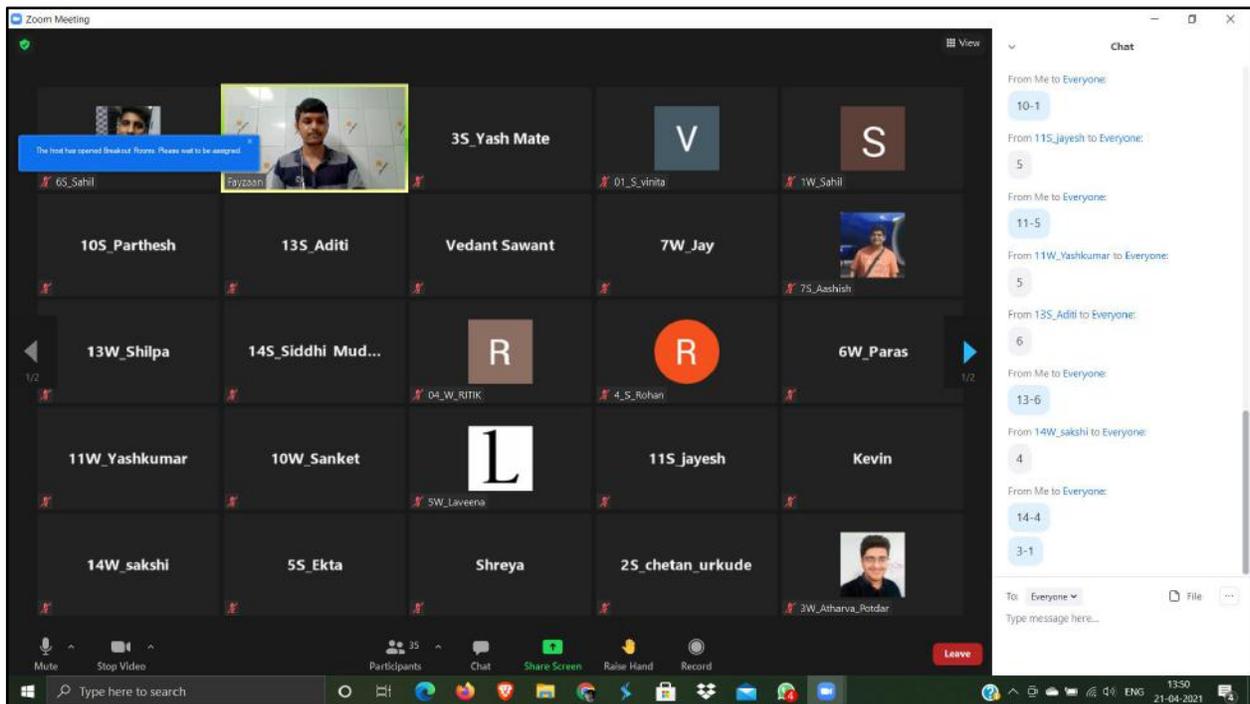
TE/BE/MCA :

Chetan Urkude & Nishikant Patil (D12B) - 1st

At the end of the event, the participants were comfortable with the conduct of the event as a whole with having absolutely no issues related to supervision or the problem statements given to them. A huge amount of positive feedback was received as we aim to accomplish the same in future events.



Participant solving the problem statement given to him in a time limit of 15 mins



Our Co-chairperson Fayzaan Qureshi (D15) explaining the instructions to our participants just before the event.



**e-PRAXIS'21 ORGANISED BY
VRC IN ASSOCIATION WITH WITH VESIT IIC AND IQAC**

CSI-VESIT PRESENTS

SHERLOCK & WATSON

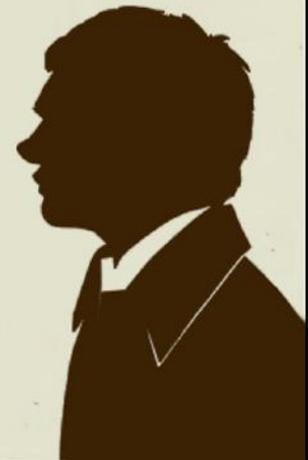
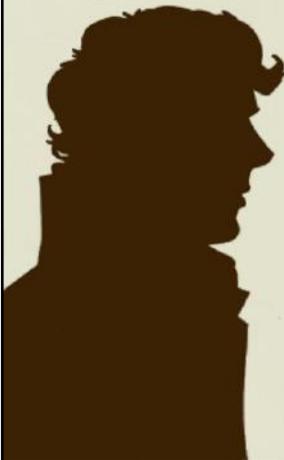
WINNERS

SES

**SHUBHANGI ZOPE
& SAMITA KANOJIA (D7B)**

TE/BE/MCA

**CHETAN URKUDE
& NISHIKANT PATIL
(D12B)**



IQUARANTEEN

CSI-VESIT conducted IQuaranteen on 21st April, 2021 from 1.30- 3.30 pm on its Instagram handle. As a Praxis event, all students were open to registrations and were to come up as individuals or in a team of two. The event mainly involved the participants reading questions through Instagram stories and sending their respective responses through DMs.

A total of 6 rounds were conducted, each round being 15 mins long. The rounds conducted were as follows:

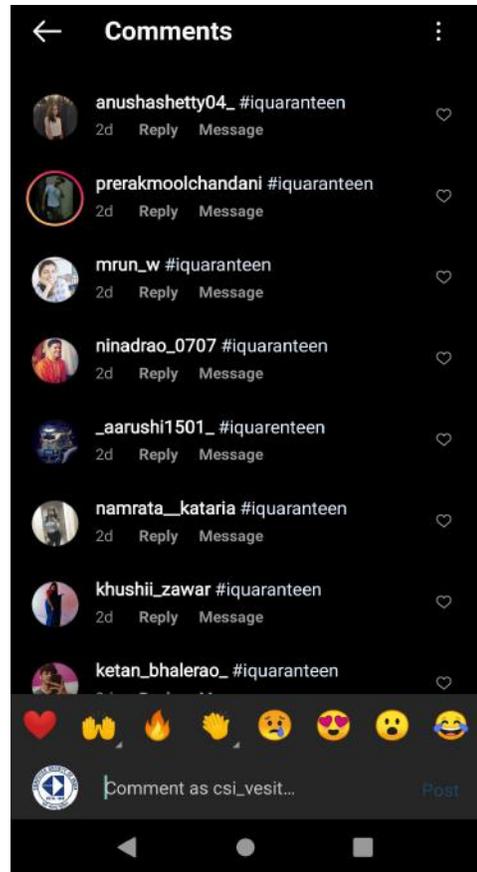
- Round 1: Meme Challenge: Participants were to guess the punchline in the meme by looking at the meme template which were put up in Instagram stories.
- Round 2: Song Challenge: Players had to take selfies with objects mentioned in the song in the stories and put them up as a collage story on their personal account.
- Round 3: Wordsearch: Students were given a word search and were told to search as many technical related words from it as possible.
- Round 4: Guess the clue: General Knowledge questions which had the first letter of its answers related to a meme.
- Round 5: Rearrange the program: A bunch of jumbled lines were given, the arrangement of which would make a program.
- Round 6: UNAGI: The final round contained a paragraph in which blanks were to be filled with brand names whose taglines were hidden in captions of CSI-VESIT's posts.

After every round, the leaderboards were updated on the stories where the first and second positions were being displayed. Our council ensured that there were no issues whatsoever during the whole course of the event with all participants having a great time. A total of 50 teams participated in the event all being extremely delighted at the end of the day.

The winners were:

- 1st Position:
Ninad Rao & V Krishnasubramaniam (D10A)
- 2nd Position:
Khushi Zawar (D12B)

The event ended on a high note with everyone having a refreshing time of their lockdown. One of the participants, Trisha Gaur(D9A) said "It was really fun! Literally needed something like this right now to get our minds off of academics".



(L-R) One of our participants uploading stories for the song challenge round ; The comments section flooded with #iqaranteen as part of a challenge



e-PRAXIS
2021



e-PRAXIS'21 ORGANISED BY VRC
IN ASSOCIATION WITH VESIT IIC AND IQAC

IQ (QuarantEEN)

Phase 2!

SES

Ninad Rao
& **V Krishnasubramaniam (D10A)**

TE/BE/MCA

Khushi Zavar (D12B)



THE ULTIMATE ESCAPE TO YOUR BOREDOM!!

DJANGO WORKSHOP

CSI-VESIT hosted a one day Django workshop on 1st May 2021 from 10.30 to 1.30 on Google Meet platform. Django is the most popular of all the frameworks available for developers using Python. The workshop focused on making students understand that this framework is a library that helps the developer to build reliable, easily scalable and supported web applications. The workshop was conducted in three sessions on the same day:

1. Introduction to Django and basis it's basic commands.

This session was conducted by Pooja Koshti wherein she briefly introduced the Django framework and it's related terminology with some of its industrial level application. She also talked about MVT architecture used in developing Django applications and also guided students with the installation of Django. She concluded her session by demonstrating how to run some basic Django commands by creating and executing a simple project.

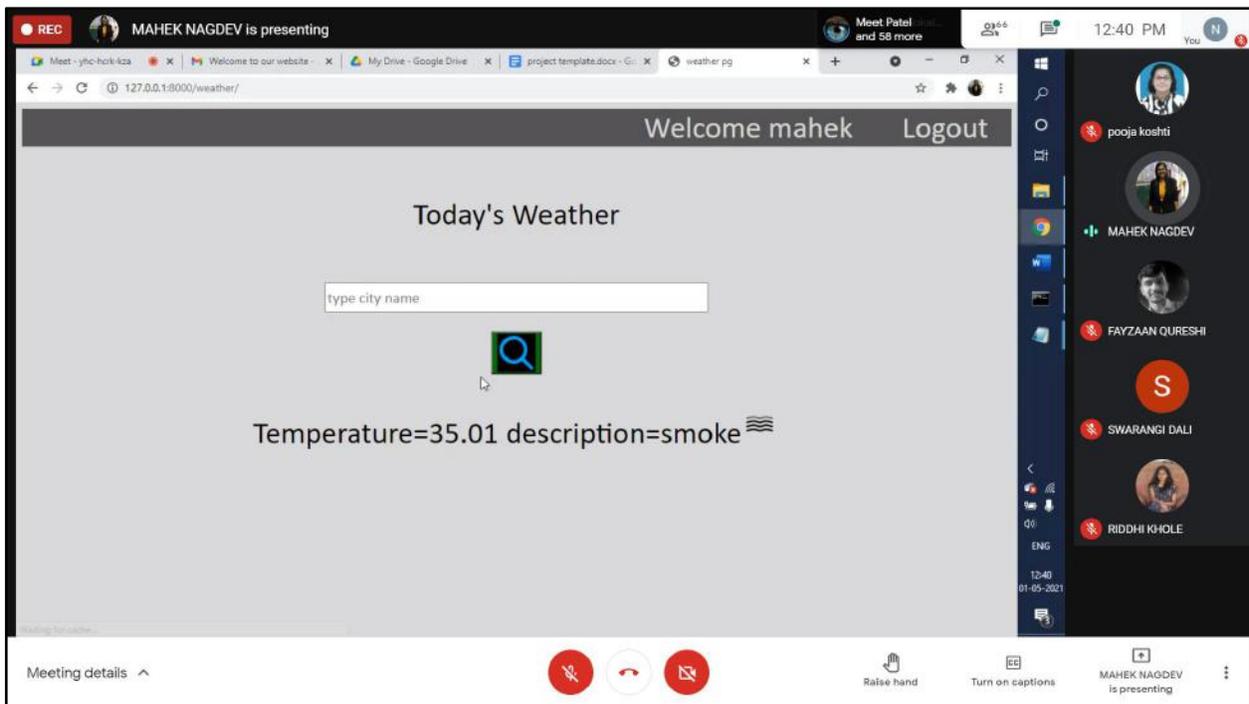
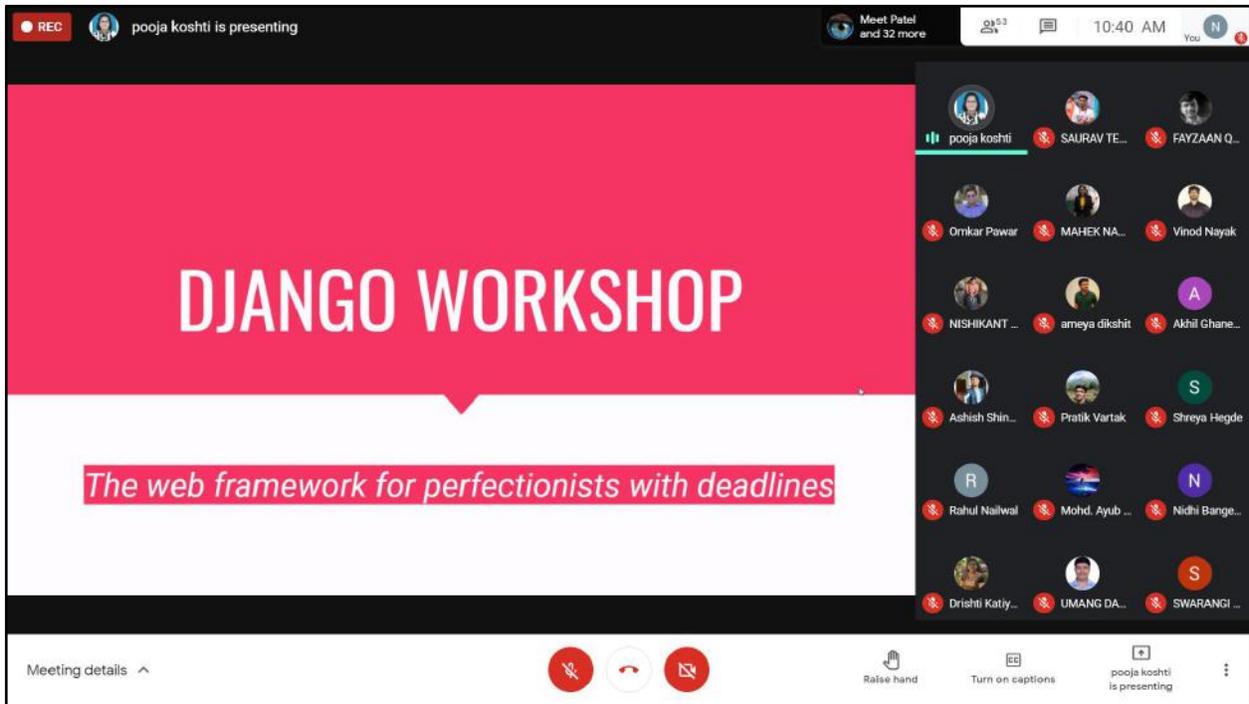
2. Creating basic Django applications and how to create a super user.

Mahek Nagdev continued this session by illustrating the creation of an authenticated weather app in which the user has to signup and the system generates an appropriate password and emails it to the user. Once the user logs in to the application, it is directed to a page which displays weather details of any location. She then explained commands to connect it with the database.

3. Database connectivity and creating data models.

The final session was conducted by Swarangi Dali to implement the database connection that can be used by students for easy linking of frontend and backend. She concluded the workshop by demonstrating a way to create customized data models.

Our technical team was available throughout the workshop to answer the doubts and query raised by the students. The session was attended by more than 75 participants and received constructive feedback as they could practically implement the topics covered on their own projects which helped them in their Mini Projects too.



Our Sr. Public Relations Officer Mahek Nagdev (D12A) demonstrating Authenticate Weather application.

INFINITY SAGA

CSI-VESIT conducted its SE cord event The Infinity Saga: A War To Save The Universe on 9th May 2021. The title itself reflects that the event was based on Marvel, which attracted a lot of Marvelites. The event was conducted on the Google Meet platform from 2 pm onwards and was open for members as well as non members from SE and MCA Batch. Having a Marvel based theme, a huge participation was witnessed in the event from all departments.

The event had an attractive storyline of saving the universe by retrieving the infinity stones, which teams had to battle for and was mainly divided into two sessions:

- Eliminations: 6 mini games rounds
- Final Fantasy League

Collectively 16 teams participated of which top 6 qualified for the final fantasy round. Every mini game round was based on the power of a particular infinity stone and was as follows:

- Soul : Hangman game where participants had to guess the correct word to gain points
- Time : Mystery problems whose solutions were to be found within a given time limit.
- Power : A short video was shown to the participants and a kahoot quiz was employed based on the same.
- Space : A unique Wikipedia based game, where participants had to traverse through Wikipedia pages to reach a destination.
- Mind : Mazes were provided to the teams and they had to find out the correct routes within a given time limit.
- Reality : Two pictures were shown to the teams and were told to spot the differences between the two of them.

The top 6 teams qualified for the Final fantasy round which was a thrilling game of cards where a specific deck of 6 cards was given to the teams based on their performance in the mini games rounds and each team was allotted one infinity stone to be used anytime during the round. As the knockouts proceeded, the rounds got more and more exciting.

The top two teams that emerged victorious were:

1ST PLACE:

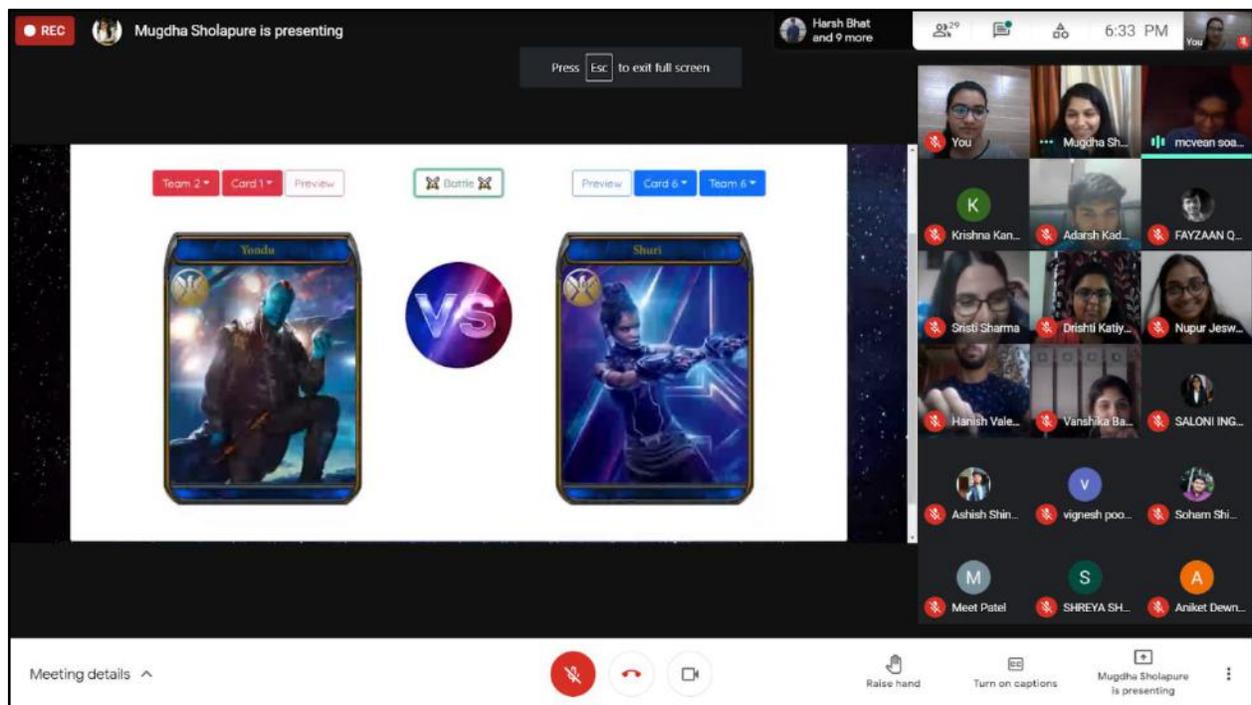
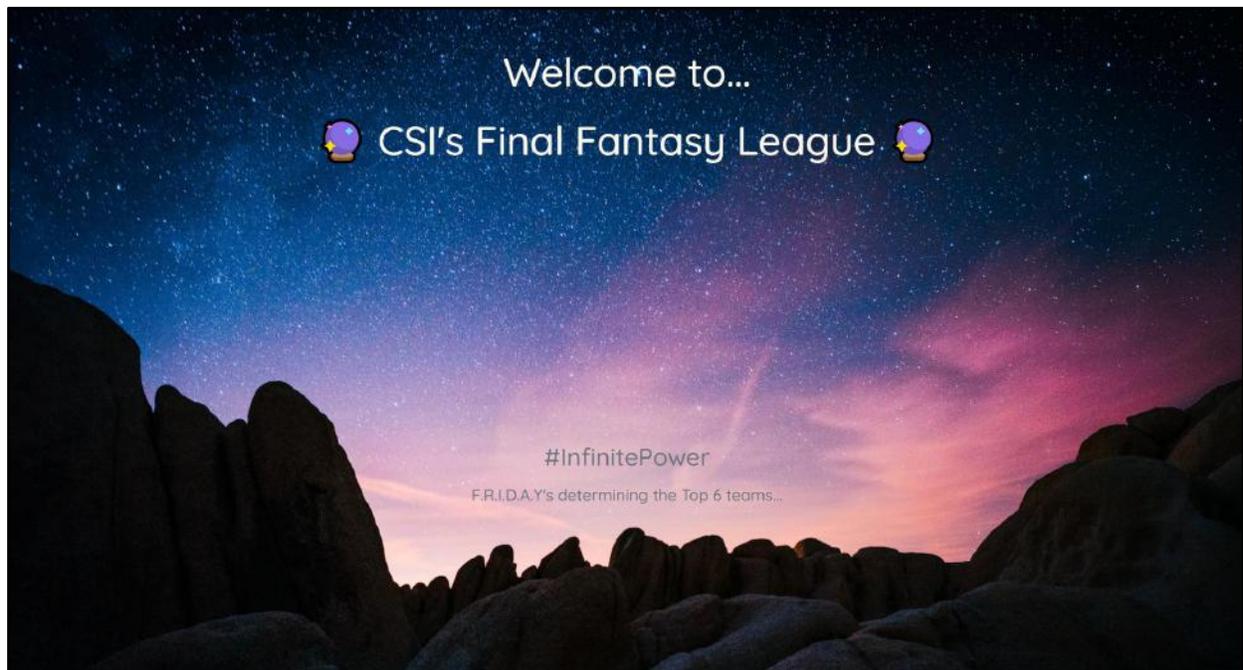
Vignesh Poojari
Paarth Rane
Niranjan Vajramushti

2ND PLACE:

Soham Shimpi
Hanish Valeccha
Krishna Kansara

The event had a smooth conduction throughout all the rounds and teams were very much delighted to have a marvelous experience after a long time. The council was at its toes all the time ensuring there were no issues during the conduction.

Prithviraj Chavan (D7B), one of the participants exclaimed "Marvel scenes all around! I couldn't have asked for a better Sunday than this, had a great time".



Final Fantasy League finalists competing for the winning title!

ARTICLE WRITING

CSI VESIT hosted an Article writing competition to help our participants exhibit their exceptional writing talents sitting within the consolation of their home throughout this quarantine and the topic given was "Tapping into the power of Big Data". All participants were told to submit their responses within a given deadline of 31st May, 2021.

The council was delighted by the distinctive perceptions and understanding of the participants received through their responses. The entries were received online and were reviewed precisely. The best chosen articles ie the articles of the winners were printed in our Annual Magazine 'Redux' that is predicated on the theme Tomorrowland that provides an insight into an artistic and technologically-powerful world where technical realities possible through technology have no bounds and has given the impression to fulfill all the potential desires a human may ever want.

The best articles were written by:

1. Dhanshri Agrawal D14B
2. Yash Mate D17B

It was absolutely pleasant to have huge participation from the students as they wrote informative articles that could help in sharing valuable pieces of knowledge so as to make some difference to society in these troubling times.

