

Details of Collaborative Quality Initiatives with other Institutions

Sr. No.	File Description
1	Collaborative Quality Initiatives of Academic Year 2022 - 2023

Collaborative Quality Initiatives
of
A. Y. 2022 – 2023



Dr. G. T. Thampi
PRINCIPAL
Thadomal Shahani Engineering College
Bandra (W), Mumbai - 400 050.



List of Collaborative Quality Initiatives of Academic Year 2022 – 2023

Sr. No.	Title of Activity	Collaborating Institute
1	Online Training Course on Training Course on Satellite Remote Sensing of Atmosphere, ISRO IIRS	Indian Institute of Remote Sensing, ISRO Dehardun
2	CSI-TSEC, 'TECHNEXT'	Computer Society of India (CSI)
3	CSI-TSEC, Rubix 2023	Computer Society of India (CSI)
4	IETE TSEC - ELAN 22	Institution of Electronics and Telecommunication Engineers (IETE) Mumbai Chapter
5	IETE-TSEC - Oscillation'21	Institution of Electronics and Telecommunication Engineers (IETE) Mumbai Chapter
6	IICHe-TSEC, ChEMERGENCE'22	The Indian Institute of Chemical Engineers
7	ISTE-TSEC, 'ASCENT'	Indian Society for Technical Education (ISTE)



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भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING
भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION
अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA



ऑनलाइन दूरस्थ अधिगम कार्यक्रम
ONLINE DISTANCE LEARNING PROGRAMME

COR20221012345

समन्वय का प्रमाणपत्र
CERTIFICATE OF COORDINATION

यह प्रमाणित किया जाता है कि **थडोमल शहाणी इंजीनियरिंग कॉलेज** कार्यरत **डॉ॰ मनीरोजा एडिनबर्ग**, ने **वायुमंडल का उपग्रहीय सुदूर संवेदन** विषय पर इस संस्थान द्वारा दिनांक 11 जुलाई, 2022 से 15 जुलाई, 2022 तक संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम को समन्वित किया।

This is to certify that **DR. MANIROJA EDINBURGH**, working with **Thadomal Shahani Engineering College**, has coordinated the online training course on **Satellite Remote Sensing of Atmosphere** conducted by this institute during July 11, 2022 to July 15, 2022

दिनांक/ Date: 27-07-2022
देहरादून/ Dehradun


प्रमुख,
जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग
Shahani Engineering College
Bandra (W), Mumbai - 400 050.
Head, Geoweb Services, IT & Distance Learning Department, IIRS


समूह प्रमुख,
भूस्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह
Group Head, Geospatial Technologies & Outreach Programme Group, IIRS



Computer Society of India

Mumbai Chapter – TSEC Student Branch

Thadomal Shahani Engineering College | Bandra (W) | Mumbai – 400050



TechNext'22 organized by Computer Society of India – TSEC

CSI- TSEC organized their flagship event TechNext'22 on September 16th 2022 - September 17th, 2022. TechNext is CSI's main event. It is the annual technical fest spanning over 2 days. It boasts participants from all over Mumbai. The event consisted of a subevent on each day, the details are mentioned below.

About the event:

Day 1 (September 16th, 2022)

Event Name – CSS BATTLE

Time- 11:00 AM - 17:00 PM

Number of participant teams - 40

Judges – Prof. Sanober Shaikh, Prof. Juhi Ganwani

Day 2 (September 17th, 2022)

Event Name – Escape Room

Time- 9:00 AM - 16:00 PM

Number of participants- 48 teams

Number of participants in each team- maximum 4 participants per team.

Dr. G. T. Thampi
PRINCIPAL

Thadomal Shahani Engineering College
Bandra (W), Mumbai - 400 050.

Thadomal Shahani Engineering College
Internal Quality Assurance Cell





Computer Society of India



Mumbai Chapter – TSEC Student Branch

Thadomal Shahani Engineering College | Bandra (W) | Mumbai – 400050

Day 1:

The Computer Society of India - TSEC organized CSS Battle on the first day of TECHNEXT'22, September 16th, 2022 at 11:00 AM. The Event had no registration fees. The event aimed on providing the participants a platform to test their CSS Skills. There were **104** registrations for the event from around the country. The participants were asked to upload their Code Pen link for fair judging.

The event consisted of 3 rounds:

For the first round - 'The Elimination Round' the participants had to visually replicate a target image with the least possible CSS code. There were 40 participants for the first round.

For the second round- 'The Replicate Bait' the participants were given a few components like a button and they had to style it with a good layout and replicate it like the original image. 8 participants qualified for the final round.

The third round - 'The Final Showdown' was included a problem statement. They needed to use their own creativity and design an entire webpage which is not only nice to look at but makes the content of the page easier to use, read and comprehend, based on their own skills and innovative mindset.

The prizes were Winner Prize- Rs. 5,000, First Runner up - Rs. 3,000, Second Runner up - Rs. 1,000

The Winners were as follows:

Winner Prize- Ayush Kukreja

First Runner up- Ninad N

Second Runner up- Tushar Nankani



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Some Glimpses of the event



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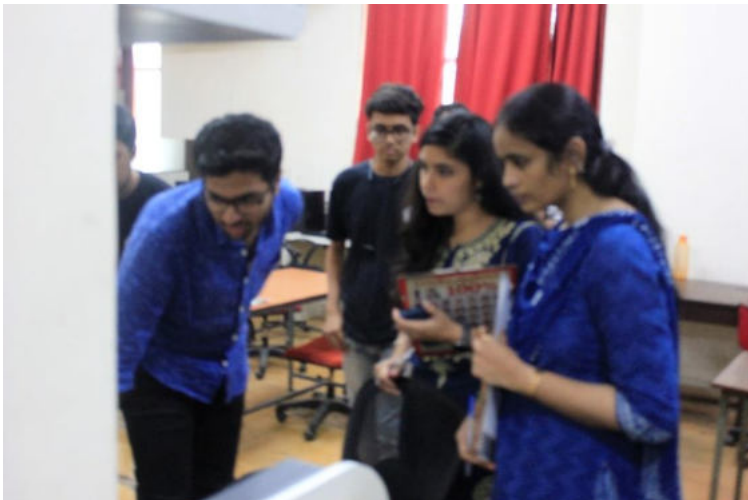




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Event Name – Escape Room

Time- 9:00 AM - 16:00 PM

Number of participants- 48 teams

Number of participants in each team- maximum 4 participants per team.



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DAY 2:

The Computer Society of India - TSEC organized **Escape Room** on the second day of TECHNEXT'22, September 17th, 2022 at 11:00 AM. The Event had a registration fees of Rs.50 per team There were **50** registrations for the event from around the city.

The event consisted of 3 rounds:

For the first round - Foyer/Seminar Hall

Set 1: 25 Teams

Reporting Time: 9am

Starting Time: 9:30am

Duration: 1hrs +5/10mins

Sets of 8 will go to play.

Teams of set 1

Eliminate 5 teams.

Ends at 10:30am

Set 2: 26 Teams

Reporting Time 10:30am

Starting Time 11am

Duration: 1hr +5/10 mins parallel with set 1 Round 2

Send them on 9th

(Ends at idk)

(Eliminate 9 teams from each set.)

(Round 1 ends at 12:00pm)

For the second round- 11th floor – 4 teams in 4 rooms 2 cycles (1101,1102,1103,1104)

Set 1:

10:45 starting 1 cycle 40mins

Ends at 11:30am

Set 2:

12:15pm starting 1 cycle 40 mins

Ends at 2:30pm

Duration: 2hrs



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The third round - 11th floor 3 teams in 4 rooms 1 cycle 3 teams each
(1101,1102,1103,1104)

Waiting room 5th floor

Starting Time: 3:30pm

Ending Time: 5:30pm

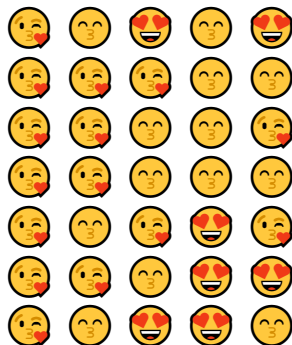
Duration: 1.5hrs

RULES AND REGULATIONS

ESCAPE ROOM

1. No phones should be allowed during the on-gaming games.
2. Wear comfortable clothes. / Appropriate dressing is required.
3. Carry id cards from your respective colleges.
4. Arrive half an hour before your respective slot.
5. Carry enough food, enough for an entire day.
6. Participants are not allowed to leave the premises if they are still qualified for the further rounds.
7. If the team members do not abide by the rules, the committee will have the right to disqualify the team. The decision of promoting the teams to further rounds will be taken by the committee only.

Questions



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Too much love? Well this isn't for you. It's for the laptop password. So make some conversions and there you go...

aMAZED!!?? Well don't be! Crack the cipher and get your answer!

Ever hated algebra so much that you wished that the variables turned into numbers? Well..... We did the opposite ;)

$$1 (12 + 0 (4 + 5) + 15 + 0 (4 + 5) + 10 + 03)$$

Question

Maria plays college basketball and wants to go pro. Each season she maintains a record of her play. She tabulates the number of times she breaks her season record for most points and least points in a game. Points scored in the first game establish her record for the season, and she begins counting from there.

$$S=[12,24,10,24]$$

Scores are in the same order as the games played. She tabulates her results as follows:

Count	Game Score	Minimum	Maximum	Min	Max
0	12	12	12	0	0
1	24	12	24	0	1
2	10	10	24	1	1
3	24	10	24	1	1

Given the scores for a season, determine the number of times Maria breaks her records for most and least points scored during the season.

Sample Input 0

9
10 5 20 20 4 5 2 25 1

Sample Output 0

2 4



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The prizes were Winner Prize- Rs. 5,000, First Runner up - Rs. 3,000, Second Runner up - Rs. 1,000

The Winners were as follows:

Winner Prize- Team hehe (T.E.)

Daksha Aeer

Amogh Shanbhag

Sunidhi Shende

Aarya Redekar

First Runner up- Team Chernobyl (T.E.)

Vedant Kadam

Harsh Kadam

Shreyans Nawlakha

Dharmik Shetty

Second Runner up- Team Alohomora (T.E.)

Karan Chopra

Ved Jaiswal

Shreyans Jain

Soham Joshi



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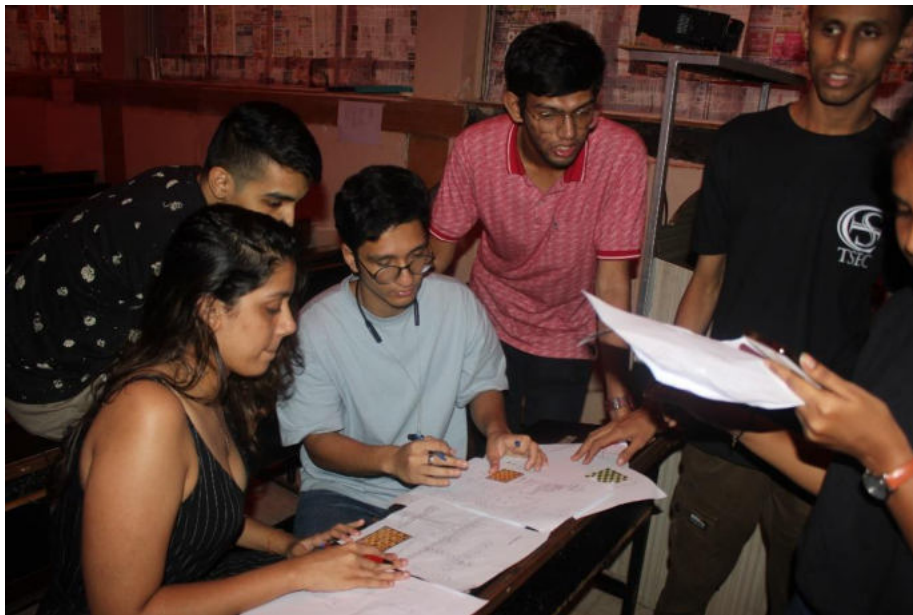
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Some Glimpses of the event



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REPORT

Computer Society of India- TSEC - Rubix'23

1

The Computer Society of India - TSEC organized their flagship event **Rubix'23**, a **48hr** Online Hackathon from **17th January to 21st January, 2023**. This 48 hour hackathon had participation from various colleges, with **79 teams** and **316 participants**. The event focused on presenting a solution on domains provided by the organizing committee.

EVENT DETAILS

- Mode of conduct : Zoom Meetings, Google Meets and Discord
- Team Size: 3 to 4 members
- Participation Fees: Rs. 200/- per team
- More details: <https://csitsec.in/>

TIMELINE FOR RUBIX'23

Problem Statements Display (17 January'23 11:00 PM IST - 18 January'23 11:00 AM IST)

The participants were given a list of problem statements pertaining to different domains on January 17th, 2022, the participants decided on and chose their problem statement.

Day 1: Inauguration (18 January'23 10:00 AM IST - 19 January'23 09:00 AM IST)

The event commenced with an Inauguration Ceremony where Dr. G.T. Thampi (Principal) declared the hackathon open, in the presence of our teachers, Dr. Archana B. Patankar (CSI - Counsellor), Dr. Jayant Gadge (Vice Principal) , Ms Rupali Sarode (CSI Coordinator), Ms. Vaishali Suryawanshi (CSI Member) and other college teachers.

Day 2: Continued Coding and Mentoring Sessions (19 January'23 10:00 AM IST - 20 January'23 12:00 PM IST)

The coding round for the Hackathon continued. This day had the mentoring session for the hackathon conducted in different panels through google meet.

Day 3: Coding Round Ends & Internal Judging Sessions (20 January'23 12:00 PM IST)

The day started with the internal judging round after which the shortlisted groups were declared.

Day 4: External and Final Judging Sessions (21 January'23 11:00 AM IST)

The day started with the final external judging round day consisting of the top 10 teams from the internal judging round followed by the prize distribution and closing ceremony. The chief guest present during the ceremony was Dr Suresh Shah (Chairman, CSI Mumbai) in the presence of Dr. G.T. Thampi (Principal) , Dr Archana B. Patankar (CSI Counsellor), Dr. Jayant Gadge (Vice Principal) , Ms Rupali Sarode (CSI Coordinator), Ms. Vaishali Suryawanshi (CSI Member).

EXTERNAL JUDGES FOR THE RUBIX'23 HACKATHON

1. **Dr. Suresh Shan** (Chairman - CSI Mumbai)
2. **Ali Solanki** (Founder - Watermelon gang)
3. **Shaurya Kuchhal** (Founder- UpSolve, Zaiko)
4. **Kunal Desai** (Software Engineer- Deutsche Bank)
5. **Juhi Gianani** (Framework Engineer- Quantiphi Inc)

DOMAINS:

1. Web/App development
2. Social Cause
3. Artificial Intelligence/ Machine learning
4. Blockchain

TSEEC

PROBLEM STATEMENTS:

1. Web/App (01)

For several years, farmers in India have had a little liberty in choosing markets and purchasers for their produce. They are often exploited by mediators causing them to lose all the profits. According to research, mediators have become dominating buyers of the agricultural market, resulting in them taking control over the plight of the farmers and gulping all the profits. The farmers work day and night expecting a good yield. They use a lot of financial resources on loans and buying fertilizers, seeds etc. So, they have the right to enjoy every rupee gained on their crop. In this context, we propose a system which brings farmers close to the retailers cutting the middlemen. The middlemen usually take up to 70% of the profits of farmers leaving them helpless. Therefore, create a web/app which serves as a platform for farmers to sell or buy products.

1. This (preferably auction-based) system should aim at giving a profitable price to farmers for their farm products, cutting the middlemen.
2. This web/app should also compare the prices of the products for the user to get the best prices.
3. Farmers should be able to upload their product with details and buyers can view these details and book that product within a time.
4. It should also show nearby areas where there are markets.
5. It should also provide guidelines for helping farmers to grow crops according to the weather conditions and profits.

2. Web/App (02)

The startup industry is currently worth billions of dollars. Many people built their companies from scratch without any prior knowledge or experience in the business industry. But, due to the rise of social media platforms, it has become convenient for people to connect to each other from different parts of the world and share ideas. Yet, there is no online forum available for mentoring and exchanging ideas and information with up-and-coming startups. This has created a demand for social media platforms which provide such services. Therefore, develop a web/app for such people where they can communicate with each other and get guidance for their doubts.

1. This web/app will help people of the same ideas and interests to come together and collaborate to form a community.
2. The user can join such communities and understand the basics of building a startup.
3. The web/app should also provide services for users to communicate with each other via text messages or video chat.

4. It should also notify the users about the recent updates about their communities.
5. It can also have a video conference service for hosting webinar

3. Web/App (03)

It is difficult to commit to a fitness routine since it involves a lot of work. Also, people often google their symptoms of illness and end up jumping to conclusions based on a simple google search without even consulting a doctor's advice. But due to our busy lifestyle, it is difficult to visit a doctor for every small symptom. To conquer these problems, we need a web/app to keep us up-to-date with fitness goals and health check ins. Hence, develop a web/app to keep track of their fitness routines and overall health analysis.

1. The web/app should consist of a feature which counts the calories burned during exercising.
2. It should also keep a log of calories for each meal by the user and also mention the amount of nutrients consumed per meal.
3. The user should also be able to update their health status every now and then.
4. If not updated frequently in the given time frame, then the user should be alerted to update the status.
5. When the user searches for some symptoms, then the search filter should show the possible ailments and cures to the following symptoms.
6. Certain recurring symptoms should be noted and if they are considered serious then the user should be notified about it.
7. Create a chatbot for suggesting dietary advice to the users for improving their health.
8. Suggest various exercises to the users for physical fitness.

4. Social Cause (01)

The Natural Disaster Relief Squad is responsible for the rescue and relief operations during natural and man-made disasters. But many times, it is very difficult to reach disaster affected regions. Due to the absence of help by professionals, the citizens are left clueless about the protocols to be followed after the disaster takes place and hence it creates chaos and fear amongst the citizens. It also becomes difficult to locate them physically. In this case, their location can be detected on a digital map so that help can be provided. So, develop a web/app which comprises of the following features

1. A chatbot to guide people throughout the web/app, therefore making it easy for the users to get the necessary information and help.
2. If any user wants to volunteer for offering help, they should be able to choose an area preferred by them and they should be alerted when there is a disaster in the region they chose.

3. This should also be a platform for donating to the survivors of the disasters.
4. It should also allow the admin to host a webinar for survival from disaster.

5. Social Cause (02)

A major role player in the increase of CO₂ in the environment is the non-recycled decomposition of food waste. The wastage of food starts right from its production to the final consumption. While storing the grown crop, lots of food wastes because of improper storage. Purchasing more than the needed food in restaurants and hotels is also a major reason for food wastage. Sometimes, there is food prepared more than needed in our houses, which brings the wastage of lots of food. The food, prepared in weddings and other functions, also causes food wastage in a huge amount. If nothing is done, this food waste could rise to over 120 million tonnes which not only is an ethical and economical issue but also an environmental hazard. Invent a mobile/web application to reduce food wastage in the above context.

1. Use the concept of dynamic pricing where food retailers are able to market their products on the basis of best before date/shelf life to the restaurants and caterers in their periphery, preventing excessive wastage of food.
2. Include the provision of locating and connecting with event management agencies/weddings/parties according to location to pick up and receive surplus food.
3. Additionally, provide the functionality to individual users to donate any extra food that has been collected at their respective homes, therefore arranging a locality- based pick up.

Dataset

<https://www.un.org/en/sections/issues-depth/climate-change/>

6. Social Cause (03)

The WHO Global Burden of Disease Study estimates that mental and addictive disorders are among the most burdensome in the world and their burden will increase over next decades. However, these estimates and projections are based largely on literature reviews and limited and isolated studies rather than on cross-national epidemiologic surveys. Healthcare isn't just how you see yourself physically, but also how well you are in your mental state. A lot of people, who aren't doing well mentally tend to form a pattern of actions with their day to day activities, first, one being their choice of words, google searches, social media activities etc.

Create an application/website to

1. Track down the user's mental state using their own data and notify them of their mental well-being.
2. Provide analysis of subsequent behavior.
3. Suggest activities to improve mental health and keep a track of the completion of those activities.
4. Encouraging words/ rewards to the users on achieving a particular milestone also influences them positively.
5. A provision for the user to join various communities/support groups to chat and share their experience with like minded people.
6. Suggest a therapist based on their expertise in the field.

7. AI/ML (01)

The world is becoming more digital, and digitization is the need of each business, every Industry. Online News Sites play a significant role in educating and informing Mass with the newest updates, current happenings around the globe. Talking about blogs, there are 70 million new posts each month, and 42% of the web is built on WordPress alone. As a result, blogging is still a prominent part of an online marketing strategy.

Create a blogs or news articles website where people can post articles about any topic.

The features are as follows

1. the website should categorize the piece of text based on its topic (sports, science, technology, music etc)
2. It should recommend articles and show related searches.
3. It should summarize the article in a way in which most of the important points of the article are covered and should allow readers to write comments and classify the comments into positive or negative.
4. Paraphrasing, Grammar corrections, Spelling correction, Word suggestions, Speech to text synthesis must be implemented too.

8. AI/ML (02)

A health care provider is an individual health professional or a health facility organization licensed to provide health care diagnosis and treatment services including medication, surgery and medical devices. Being a healthcare provider can be exhausting and hectic, hence a tool that specifically caters to the needs of different healthcare providers could

of great benefit. Create a tool that helps healthcare providers with diagnosis, disease detection, and has user friendly features for Healthcare Professionals. One can introduce features/ applications to ease processes of Healthcare administration or operations. Any innovative feature which will enhance the healthcare industry. So use AI / ML tools to create an innovative solution for this sector

1. It should help with disease detection
2. It should Optimize prescription and carry out diagnostic generation through speech or handwritten script
3. It should suggest doctors on the basis of surrounding facilities available and service required
4. Available Lic policy recommendations system
5. It should have a Field FAQs with a chatbot

9. Blockchain (01)

Degree and credential fraud remains a growing problem in today's world. University degrees including bachelor's degrees, associate degrees, and even master's degrees have all been fraudulently recreated or sold in the past. Although, the fraudster at the center of the deceit faces the harshest sentence or punishment once caught, the uninvolved issuing body still faces the risk of harm to their reputation. TO prevent this from happening create a blockchain based platform for the following requirements-

1. Tracking and verifying the authenticity of academic credentials and qualifications, such as degrees, diplomas, and certificates.
2. The platform should use smart contracts and digital certificates to ensure that the credentials are genuine and to protect employers and employees from fraud.

10. Blockchain (02)

Voting is a very good example of how blockchain and smart contracts can be used in order to bring trust and transparency to the system. This application/website can be useful for conducting voting at the organizational level as well as at the national level. While building this project you need to make sure of some things in order to make your voting system work. Some of the expected features for some requirements are as follows-

1. Details of the users should be hidden in your application due to privacy issues.
2. In order to do this, you need to use an ethereum address which really will be the only identifier for the users.
3. One person should be able to place only one vote, and that too only when they're eligible.
4. It should be transparent with a condition that all the rules of voting are being followed.
5. Then we need the votes to be accurately recorded and counted.
6. There should not be any kind of mistake or possibility of fraud in the voting system. All this will be done using solidity.

PRIZE DISTRIBUTION:

1. Winner Prize **Rs. 20,000**
2. First Runner up - **Rs. 10,000**
3. Second Runner up - **Rs. 5,000**

All the participants got Participation Certificates

The Winners were as follows:

1. **Winner** - MINGWX86 (TE Computer ,T.S.E.C)
(Sachin Jangid, Suraj Chavan, Jugal Ghia)
2. **First Runner up**- Enemies of Syntax (TE Computer , D.J Sanghvi)
(Dishant Zaveri, Manan Shah, Mihir Shinde, Vismay Vora)
3. **Second Runner up**- Team 07 (TE I.T ,T.S.E.C)
(Aditya Surve, Siddharth Nachane, Archit Rathod,
Yash Shah)

Sponsors for the event:

1. Bell - Associate partner
2. Gatsby - Styling partner
3. Rauch Edu - Study Abroad partner
4. No escape - Entertainment partner
5. Vascap - Educational partner

Some Glimpses of the event

OUR MENTORS



Dr. Archana Patankar

Dr. Jayant Gadge

Ms. Rupali Sarode

Ms. Vaishali Suryavanshi

MRINMAI KADU



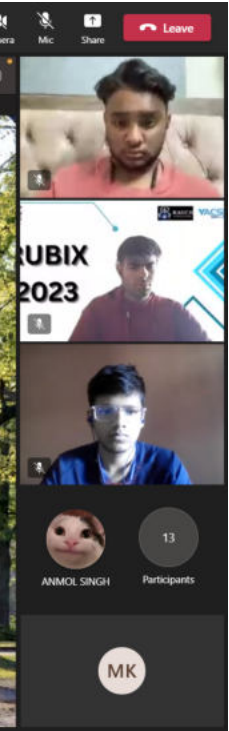
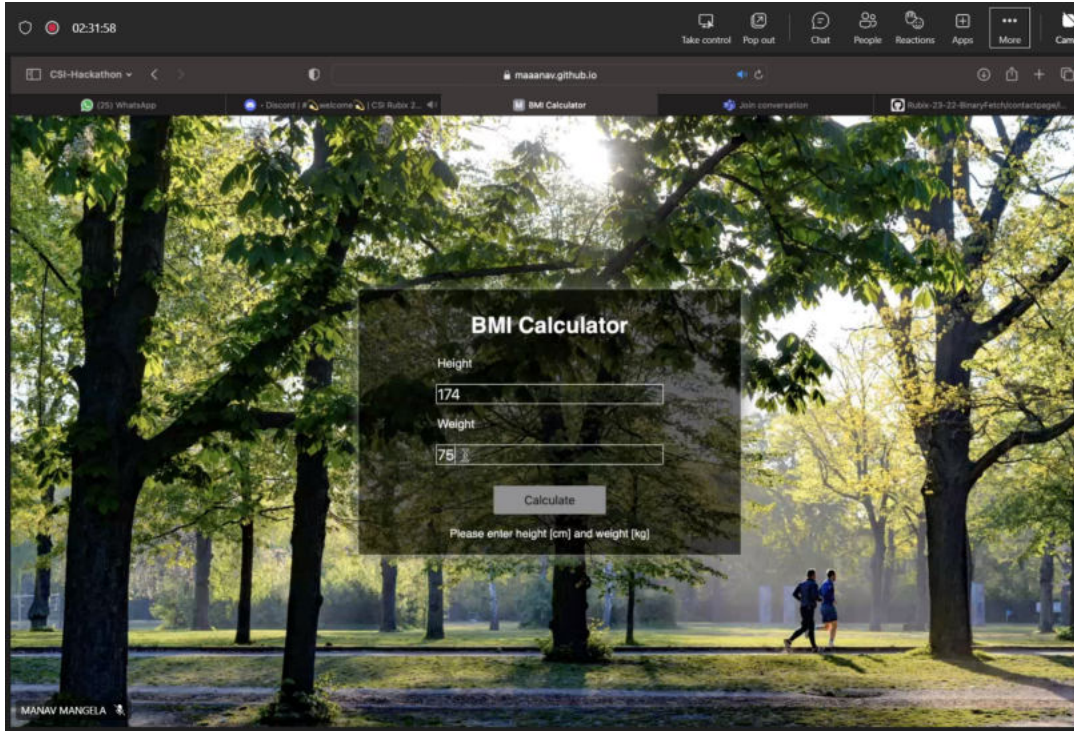
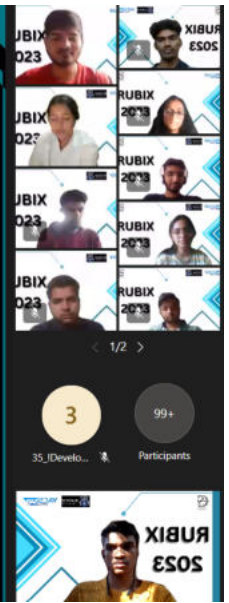
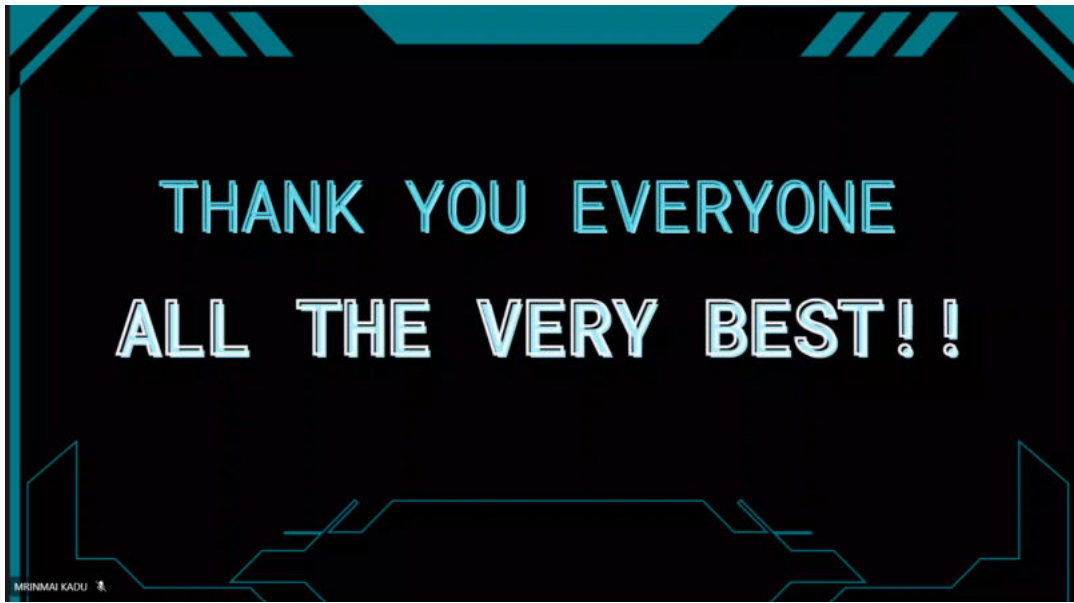
ABOUT CSI

CSI — TSEC conducts student activities including workshops, technical competitions, training programs, and industrial visits.

Rubix is the annual national level techno-cultural festival of The Computer Society Of India

MRINMAI KADU









Mumbai, MH, India
37th Road, Khar West, Mumbai, 400052,
MH, India
Lat 19.064333, Long 72.835650
01/21/2023 11:09 AM GMT+05:30
Note : Captured by GPS Map Camera



Mumbai, MH, India
37th Road, Khar West, Mumbai, 400052,
MH, India
Lat 19.064321, Long 72.835761
01/21/2023 12:59 PM GMT+05:30
Note : Captured by GPS Map Camera









These are the details of the students who participated in the event .-

<https://docs.google.com/spreadsheets/d/12nL3SolIIZEXX8yF5BRX7BaY61tPNZMocya3YYUYusM/edit#gid=249918488>

EVENT REPORT

Elan 2022

The Institution of Electronics and Telecommunication Engineers (IETE-TSEC) held its annual Technical Fest Elan from 7th to 9th October, 2022. This year, the fest was conducted offline with a lot of zeal from all participants and the organising committee members. It consisted of five highly educational workshops and fun events.



Official Poster for Elan 2022

The schedule for the fest was as given below:

Date	Time	Event
7st October, 2022	10:45 am	Opening Ceremony
7 th October, 2022	11 am-2 pm	Let's Crack It! A placement panel
7th October, 2022	7 pm to 10 pm	Pitch Perfect- A start up innovation competition
8 th October, 2022	10 am to 12 pm	Blockchain Workshop
8 th October, 2022	1 pm to 4 pm	Inquization- A technical trivia
9 th October, 2022	1 pm to 3 pm	Codequest- A C programming competition

All registrations were taken via our website!

1. Opening Ceremony

The fest began with an Opening Ceremony which was held on 7th October in the foyer area at 10:45 am. The Principal Dr. G.T. Thampi and our Branch Counsellor for IETE TSEC – Dr Tanuja Sarode was present for the same along with various other teachers from AI & DS, Comps, IT and EXTC department. The esteemed Principal gave an inspiring and motivational speech in front of all the committee members and attendees, commending the efforts of IETE and highlighting the importance of newer age topics like blockchain, big data, innovation and competitions and workshops which facilitate the same. Elan'22 was thereby declared open!

This was followed by a short speech from the Chairperson of IETE-TSEC – Ms. Yashna Dawda describing the events scheduled for the fest and giving an approximation of the footfall of the same.

The principal congratulated the Committee and wished everyone the best, thus concluding the opening ceremony.



A still from the opening ceremony featuring Dr. G.T. Thampi, Dr. (Mrs.) Tanuja Sarode and other teachers from Comps, IT, EXTC AND AI and DS

2. Let's Crack It! - A placement panel

- **Description:**

Lets Crack It was a placement panel which was made in a talk show format in which our committee members interacted with 5 placed students from different offers who bagged some really good offers in their fourth year. The students included, Mr. Saket Thota, Mr. Rishabh Raghuvanshi, Mr. Parth Cheulkar, Ms. Tanya Chandnani, Ms. Nidhi Walavalkar and Ms. Megha Gohil. The workshop was followed by a short segment by Ms. Monica Tolani who gave some very insightful wisdom about placements and their process and importance. The event was led by Ms. Yashna Dawda and Ms. Ananya Garg.

- **Footfall:**

Over 135 participants had registered for this event.

- **Participants List:**

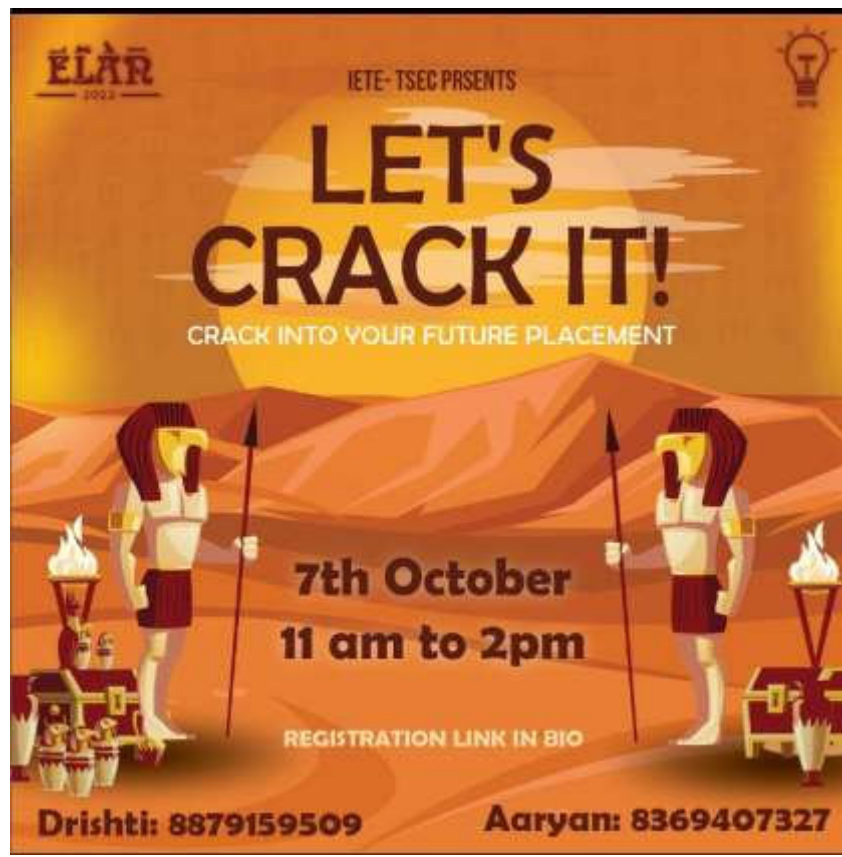
Mitesh Ganesh Singh
Sanjana Lalwani
MITESH AUDICHYA
Tiya Mehta
Anton George
Basavraj Dhamanage
Pankhudi Jaiswal
Pankhudi Jaiswal
Vishakha Kukreja
Kanav Bhatia
Navneet Anand
Aditya Apandkar
Sanika Ambre
Krish Manghani
Atharva Honrao
Baldeo Dharmdeo Verma
Atharva Honrao
Sohum kabra
Rishabh Chaurasia
KARTIKE SINGH

Shreya Bagade
Saarthak Kumar
Atharva Pandit
Gaurav Ghade
Kapil kingrani
Harsh Chaudhari
Manav Purswani
Lisa Gidwani
Hardik Bhagat
Vishesh Gatha
Ashwin khubchandani
Yash Tailor
Ritik Mandal
Akshay Jagiasi
Vinayak Shukla
Manish Dusa
Shivdatt Jangam
Mamta gupta
Anas Khan
Pratiksha
Sahil Maji
Sahil Maji
Sai Kaushik Sadu
Anas Khan
Ujjwal
Ishan Amesar
Om Shete
SAYED MOHIB ABBAS RESHAD HUSSAIN
Trishala Singhavi
Nidhi Narendra Shinde
Rittika Rihwani
Sarthak Tanpure
Khan Sarah Ejaz
Mitesh Ganesh Singh
Rohit Sharma

Ankush Motyani
Manish Godhani
Harshvardhan Rijhwani
Yash Motwani
Tanisha Gupta
Harsh Makharia
Zaid Arshad Sunasra
Meet Laheri
Tanya Hinduja
Riddhi Chawla
Jacob John
Parth Shah
Sara Wagle
Khyati Vora
Pankti Muni
Navneet Anand
KARTIKE SINGH
Kresha mehta
Pranav Patil
Rukshar khan
ATHARVA JADHAV
Mayank Manoj Patil
Om Wadhwa
Shreya Manjucha
Chirag Bachani
Krish Chaurasiya
Roshan Yadav
Niranjan Joshi
Qais
Qais
aman raj
Ankit Jaiswal
Manas
Arya Sheth
Shaikh Faraaz wajid

Aayush Mandlik
Umangi Gore
Sheen D'Cruz
Om Jadia
Tushar
Yash Nikam
Aakash
Aakash Kulthia
Mrunmayee
DEEP SHUKLA
Nigam Jain
Kedar Karbele
Anas Khan
Shivdatt Janga
Siddhi Save
Ved Gadge
Ishan Amesar
Vikas
Pratham Rohra
Anish
Medhaj Sarang
Pragya
Rugved Mairal
Tiya Mehta
Keval
Aditya Patil
Mehak Mehta
Jeevika
Kundan vinod baniya
Neer Hazari
DIMPLE HEMNANI
MITESH AUDICHYA
Samarth Shanbhag
Vedant Shinde
Chetan Patil

Yash Dave
Chetan Patil
Aditi Patil
Akhilesh Kursija
Mandar
Mrunal Tawde
Veerendra
Arnav Khochare
Varun Chavan
Govind dunani



Official Poster for Lets Crack It!



A still from Lets Crack it!



Another still from Lets Crack i

3. Pitch Perfect- A Start-up innovation Competition

- **Judges:**

Round 1:

- Ms. Juhi Janjua
- Ms. Glynis Machado
- Ms. Kumkum Saxena
- Ms. Himani Deshpande
- Mr. Sachit Nalaskar
- Mrs Vandana Kadam
- Dr. Poonam Soni

Round 2:

- Mr. Sanket Lahoti
- Mr. Shashank Singh
- Ms. Sonakshi Gupta
- Mr. Utpal Joshi

- **Description:**

The competition was based on the concept of shark tank where we received business ideas as entries and in round 1, shortlisted 8 teams out of which 3 emerged as the winners. We were fortunate enough to have one of the most eminent and experienced judges both in round 1 and round 2.

Round 1 was held online on 7th whereas round 2 was held online on 9th of October.

It was led by Ms. Ananya Garg and Mr. Amogh Patil from the senior committee members and was later posted on LinkedIn by Ms. Sonakshi Gupta.

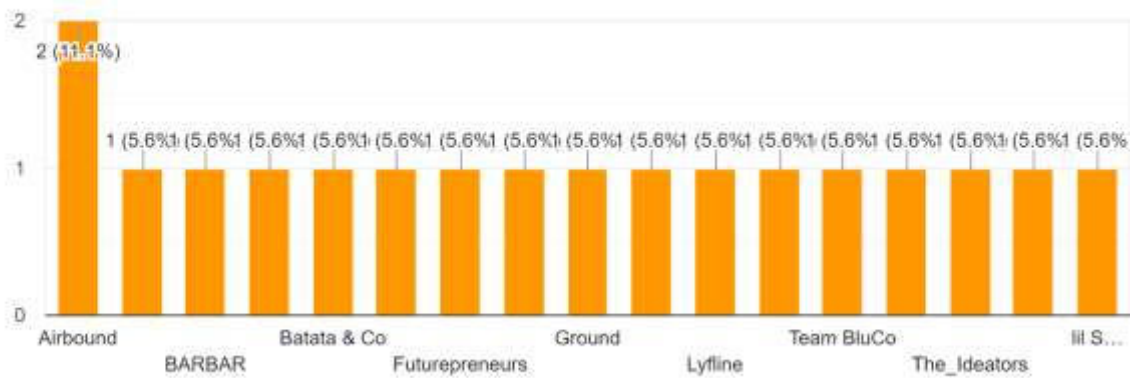
- **Footfall:**

About 18 registrations were received of which all the teams attended the event.

- **Participants List:**

Team Name

18 responses



Official poster for ML Workshop



Sonakshi Gupta • 3rd+

VC @ Aditya Birla Ventures | CA (Final-AIR 37, IPCE-AIR 21)
4d • 🌐

+ Follow ...

Had an engaging time last Sunday, judging the business plan competition organized by **The Institution of Electronics and Telecommunication Engineers (IETE), Thadomal Shahani Engineering College.**

Was fortunate to witness some thought provoking ideas, along with co-judges, **Utpal Doshi** and Shashank Singh.

Cheers to the organizing committee for executing it so well!



A still of ML Workshop

4. Blockchain Workshop

- **Speaker:** Mr. Ali Solanki

- **Description:**

This workshop consisted of a step-by-step guide on how to make your own cryptocurrency and Mr. Ali Solanki made sure to have a very interactive and fun session with 2nd and 3rd year students of TSEC. By the end of the workshop they had made their own crypto token from scratch.

- **Footfall:**

A total of 40 registrations were received of which.

- **Participants List:**

Varun Chavan
Vishesh gatha
Ujjwal
Pankhudi Jaiswal
Pankhudi Jaiswal
miteshsingh957@gmail.com
Roshan Yadav
Baldeo Verma
Dipesh Todi
Yash tailor
Zaid Sunasra
Moksh Punamiya
Harshvardhan Rijhwani
Tanisha Gupta
Aditya patil
Aditya Patil
Meet Laheri
Trishala Singhavi
Khyati Vora
Pankti Muni
Kresha mehta

Chirag Bachani
Aryan Patil
Krish Chaurasiya
Aditya patil
Mrunmayee
Shaun Almeida
DEEP SHUKLA
Anas Khan
Jeevika
Shivdatt Jangm
Pragya
Pratham mane
Neer Hazari
Samarth Shanbhag
Tushar Vishwas Shelke
Shubh Gupta
Yash Dave
Vanshika shah



The poster features a dark brown background with a repeating pattern of small, stylized symbols. At the top left is the logo for 'ELAR 2022'. To its right, it says 'IETE-TSEC PRESENTS'. In the top right corner is a small lightbulb icon with 'IETE' written below it. The main title 'BLOCKCHAIN workshop' is written in a large, stylized, serif font within a decorative frame. Below the title is a circular portrait of a man with glasses and a beard, identified as the speaker. A white rounded rectangle contains the following text: 'Speaker : Mr. Ali Solanki', 'Date: 8th October', 'Time: 10am-12pm', and 'Free Entry!'. At the bottom left, there is a WhatsApp icon followed by the number 'drani- 98190 04844'. At the bottom right, there is another WhatsApp icon followed by the number 'Aryan- 70454 81961'. The background also features several orange and yellow pyramids connected by chains, symbolizing blockchain technology.

ELAR 2022 IETE-TSEC PRESENTS

BLOCKCHAIN workshop

Speaker : Mr. Ali Solanki
Date: 8th October
Time: 10am-12pm
Free Entry!

drani- 98190 04844 Aryan- 70454 81961

Official Poster for Resume Building Workshop



Mr. Ali Solanki posted us on LinkedIn!

5. Inquization- A technical trivia

- **Description:**

The event was very successful. It was held over 3 rounds and was led by Ms. Yashna Dawda, Ms. Ananya Garg and Mr. Aarya Redekar. It included 3 rounds in which participants were questioned on their technical skills and general knowledge in different ways.

- **Footfall:**

A total of 14 (teams of 4) registrations were received of which all 14 showed up.

- **Participants List:**

Kedar Karbele
Sanika Ambre
Amisha shahi
Ishan Amesar
Trishala
Ishaan Mavinkurve
Parth Kambli
Azeem Ghazi
jacob john
Asmi Gawade
Vaibhav shinde
Yash
Yash Dave
Kartik Soneji
Atharva Dhamne
Shreya Bagade
Rajeshwari mahapatra
Akshay Jagiasi
Hussain
Dhruv Kheni
Daryn Monteiro
Chetana Bhojwani
Atharva Shirsat
Atharva Honrao
Vivek Dubey

Yash
Nigam Jain
Hamza Khan
Aditya Apandkar
Vaishnavi hindalekar
Yash Motwani
Shreyans Jain
Akshat jain
chinmay khanolkar
Atharva Pandit
Raj Upasane
Komal
Manav Jain
Abhishek Sharma



Official Poster for Artificial Intelligence Workshop



A still from Inquization

6. Codequest- A C programming event

- **Description:**

This event was held offline on Sunday. It was led by Mr. Etash Dorwani and Mr. Gaurav Nenwani. There were teams of 2 and they were given a maximum of 3 hints to check their C programming skills. The first one to reach the end of the game designed by iete-tsec jcoms were the winners.

- **Footfall:**

A total of 25 teams had registered for the event.

- **Participant List:**

Akash Mishra
Roshan Yadav
Ninad Naik
Anas Khan
Akhilesh Kursija
Nayan Mishra
Samarth Shanbhag
Mitesh Ganesh Singh
Aryan Gurav
Sai Kaushik Sadu
Harsh Chaudhari
Sumanta Jena
Ankush Yamkar
Niranjan joshi
Dev
Vivek Namaye
Kresha
Manish Godhani
Dhrumil Tandel
Gaurang Patyane
Karan Advani
Karan Advani
Aryan Singh
Manav Dave
Athrava honrao
Aayush Saraf

Kundan Baniya
Gaurav Ghade
Siddharth K
Pratiksha Limbulkar
Dipesh Todi
Umangi Gore
Ujjawal Rajpurohit
Shivdatt Jangam
Harsh Nagpal
Rohit Sharma
Rutvik kaslay
Manthan
Vishesh gatha
Rittik Mandal
Kaustubh Mhatre
Chetan Patil
Chetan Patil
Chetan patil



Official Poster for D'Cipher



A still from Codequest

Team IETE-TSEC

As a whole, Elan 2021 was a huge success and it was only possible because of the combined efforts of the entire team of IETE TSEC. All the members worked extremely hard to organize and conduct all the events in the fest.

IETE-TSEC SENIOR COMMITTEE 2022 - 23	
Chairperson	Yashna Dawda
Vice-Chairperson	Vedant Kadam
Secretary	Ananya Garg
Treasurer	Amogh Patil
Joint-Treasurer	Nishant Sadikale
Senior Organisational Manager	Aarya Redekar
Public Relations Officer	Gaurav Nenwani
Event Head	Yash Vaskar
Marketing Head	Nikita Saha
Publicity Head	Aarya Redekar
Logistics Head	Aadi Vora
Technical Head	Etash Dorwani
Creatives Head	Mahek Karia
Design Head	Prabhmeet Oberoi
Social Media Head	Gauravi Patankar

IETE-TSEC JUNIOR COMMITTEE 2022-23		
TECHNICAL JASH DOSHI DARSHIL MARATHE SHUBHAM TAINWALA MOHIT DUDANI ABHIGYAN BAFNA JAGJEET SINGH	PUBLICITY SHREYA KAMATH RUDRANI CHAVARKAR ABID FARID GHOLE DRISHTI WADHWA JAY SAMBERKAR AARYAN BAGDI ARYAN GUPTA	LOGISTICS ADITYA SAYANT MUSKAN TOLANI VIVEK SHARMA MARYAM CHOWDHRY AYUSH BHANUSHALI GOURI TIBDEWAL HUZEFA DOHADWALA ANANYA VERMA
CREATIVES NIDHI KADAM DARSH CHOTALIA KASHISH AGARWAL DEEP PRAJAPATI SHAGUN GUPTA SHIPRA SUVARNA ANISHA JAIN DIPSHREE PARMAR	DESIGN CHETANA BHOJWANI YATHHARTH K. ARYA DUBAL AROH JAMBENAL MEETALI KAPSE SIDDHANT DEMBI	MARKETING AYUSH SINGH DHAWAL CHAUDHARI HARSH TIWARI LAKSH DOSHI MEHEK RICHHARIA PARTH PURANIK PRAGATI JAKHOTIA SNEH MIRANI
SOCIAL MEDIA MAITHILI SHINDE IRA SAHASRABUDHE SURYA VENKATSUBRAMANIAN SUJAL GANDHI ARUSH KAREKAR		

Conclusion:

The team of IETE TSEC is proud to announce that the Elan 2022 was a huge success with a footfall of over 250 participants!



सह धीर्यं करवावहे



EVENT REPORT

Oscillation 2023

The Institution of Electronics and Telecommunication Engineers (IETE-TSEC) held its annual even semester Technical Fest Oscillation from 10th– 12th March, 2023. This year, the fest saw some really great events which aimed at fostering a technical-based approach to seemingly fun activities and tasks. It was also one of our most revolutionary fests as we held our first ever mini technical hackathon with the aim to encourage new coders to delve into the coding world without much hesitation. We partnered up with various sponsors like BeReal, Godrej, SIEC Education etc.



Official banner of Oscillation'23

The schedule of the fest is given below:

Date	Time	Event
10 th March,2023	10:30 am	Inauguration
10 th March,2023	11am-12pm	Resume Building Workshop
10 th March,2023	12:30pm-5pm	IPL Auction
11 th March'2023	10am-4pm	Newbiethon
12 th March,2023	11am-4pm	Technical Murder Mystery

All registrations were taken via our website in which google forms were integrated!

1. OPENING CEREMONY

The fest began with an opening ceremony which was held on 10th March in the foyer area at 10:30 am. The esteemed Principal Dr. G.T. Thampi sir and our Branch Counsellor for IETE-TSEC-Dr. Tanuja Sarode was present for the same along with all the teachers of Comps department.

Dr. G.T. Thampi was felicitated with a bouquet as a mark of respect and gratitude for his guidance and support which allows us to conduct fests like these. Sir gave an inspiring and thoughtful speech in front of all committee members and attendees, commending the efforts of IETE and highlighting the importance of healthy competitions, extracurricular activities, cutting-edge technologies like Big data, Artificial Intelligence and our efforts in bringing events which promote the same.

This was followed by a short speech from the Chairperson of IETE-TSEC-Ms. Yashna Dawda describing the events scheduled for the fest and giving an approximation of the footfall for the same.

The Principal Sir congratulated the committee and wished everyone the best, thus concluding the opening ceremony.



A still from the opening ceremony

2. Resume-Building Workshop

Description:

On 10th March from 11am-12pm, Ms. Meet Merchant, a TSEC Alumna working in JP Morgan since 2 years, conducted a resume building workshop. The workshop covered all the important points of creating an effective resume, including the structure, content, and formatting. Ms. Merchant provided tips and tricks for making a standout resume and gave real-life examples of resumes that stood out in the hiring process. Attendees were also given the opportunity to ask questions and receive feedback on their own resumes. Overall, the workshop was informative and useful for anyone looking to improve their resume-building skills.

Footfall:

126 Participants along with some additional on-spot registrations were seen for this workshop. Total people in attendance amounted to around 170 attendees!

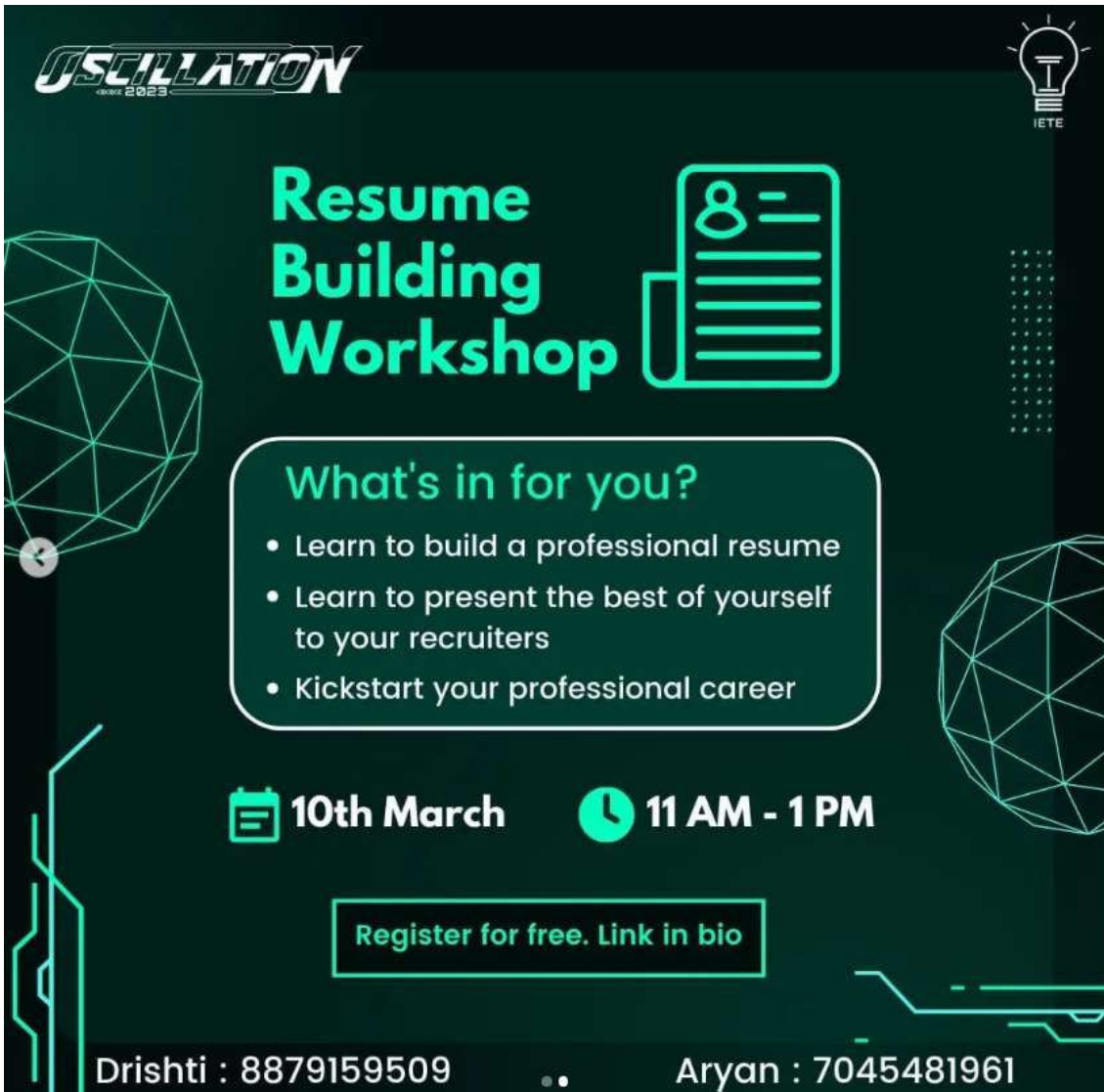
Participants list:

1. Aadithya Premraj
2. Aarya Gurav
3. Aarya Gurav
4. Aaryan Jha
5. Aastha Rohra
6. Abdullah Bootwala
7. Abhishek Goud
8. Aditya Apandkar
9. Aditya Apandkar
10. Aditya Bhat
11. Aditya Dikonda
12. Aditya Dikonda
13. Afjan Shakil Jamadar
14. Ambadan Ria Nandan
15. Amisha Shahi
16. Anirudh Acharya
17. Anish Awasthi
18. Anurag Gaonkar
19. Arpit
20. Arya Sheth
21. Ashutosh Shrivastava
22. Atharva

23. Atharva Jindal
24. Bhumika vazirani
25. Chinmay Tullu
26. Chirag Bachani
27. Darshan
28. Dev
29. Devanshu Kadam
30. Dhanistha Jeswani
31. Dhruv Bajoria
32. Dhruv Bajoria
33. Divyansh Singh
34. Harsh Gurnasinghani
35. Harsh Makharia
36. Harsh Patel
37. Hetvi
38. Ishita Hardasmalani
39. Jainam Jagani
40. Jatin Gola
41. Jitesh Gogia
42. Kashik
43. Kashish Dodeja
44. Keval
45. Khozaima Hammad
46. Khrisha
47. Khushi Punjabi
48. Khyati
49. Kresha Mehta
50. Krish Manghani
51. Kunal Nemade
52. Mahima
53. Manav Dave
54. Mayank Patil
55. Mayank Shugani
56. Meet Duseja
57. MEET LAHERI
58. Mitesh Singh
59. Mohammed Umar shaikh

60. Mohd Abuzaid Ansari
61. Mohd saif Moin Ahmed shaikh
62. Naveen Pandey
63. Neer Hazari
64. Neha Shinde
65. Nidhi Narendra Shinde
66. NIKHIL PAWAR
67. Nikshita Karkera
68. Niyati Savant
69. Om Pawaskar
70. Om Wadhwa
71. Piyush Jaiswal
72. Pooja Kiran Kumar Jain
73. Pooja Valecha
74. Pranoti Sawant
75. Pratham mane
76. Prem Bhandugare
77. priyanka
78. Rajgovind Vilas Rajpure
79. Rhutam Thakur
80. Rishabh Sinha
81. Ritik Mandal
82. Ritojnan Mukherjee
83. Riya Khandelwal
84. Rupsana khatun
85. Saarthak Kumar
86. Sahil
87. Sai Kaushik Sadu
88. Sakshi Joshi
89. Sanjana Lalwani
90. Sannit Arekar
91. Sarah Pendhari
92. Sarvesh Para
93. Sarvesh shukla
94. Shaik Mubarak
95. Shaikh Faraaz wajid

96.	Shreya Bagade
97.	Shruti Singh
98.	Shubham Ganeshdin Yadav
99.	Shubham Ganeshdin Yadav
100.	Siddesh Shetty
101.	Siddh Shah
102.	Siddhant Shetty
103.	Sneha Goswami
104.	Soham Babshetye
105.	Somya Barwa
106.	Tarang jasnani
107.	Tiya Mehta
108.	Trishala Singhavi
109.	Vaishnavi
110.	Vaishnavi More
111.	Varun
112.	Varun Putta
113.	Vedant Devkar
114.	Vedant Devkar
115.	Vedant Devkar
116.	Vedant Modhave
117.	Vibhav Rai
118.	Vighnesh hinge
119.	Vinayak Jaiswal
120.	Vinit Ahuja
121.	Vishal kaira
122.	Yash Dave
123.	Yash Ingle
124.	Yash kelhe 7738292272
125.	Yash Shelar
126.	Zidan Shaikh



Official Poster for the event



Stills from the event.

3. IPL Auction

Description:

The IPL Auction competition held on 10th March from 12:30 pm to 4 pm was an exciting event that involved the use of advanced data analytics and machine learning techniques. The competition aimed to simulate the real-life IPL auction process, where team owners bid for players based on their skills and performance statistics. Participants were given access to a large dataset of player statistics and were tasked with building machine learning models to predict player performance and value.

Participants had to analyze the data and build predictive models, which were then evaluated based on their accuracy and performance. The competition also involved real-time bidding simulations, where participants had to make strategic decisions based on their models and budget constraints.

Overall, the IPL Auction competition was a highly technical event that showcased the power of data analytics and machine learning in the world of sports. It provided participants with a valuable learning experience and helped them develop their skills in these cutting-edge technologies.

Footfall: A total of 10 teams which amounted to 33 participants!

Participants list:

Team Name	Team Leader Name	Team Member 1 Name	Team Member 2 Name
1. Pink Smashers	Dev Khatanhar	Hriday Kampani	Anirudh Acharya
2. Mumbai Royals	Nikhil Khatri	Kushal Tejwani	Ashish Lalwani
3. Night Watchman's	Ronak Wadhwa	Mayank Patil	
4. 49 all_out	Gaurav Panjabi	Sahil khatri	
5. 49 all_out	Gaurav Panjabi	Sahil Khatri	
6. Alpha-Q	Ishan amesar	Ashwin khubchandani	Anish dayani
7. IT SMASHERS	Vedant Shinde	Samarth Shanbhag	Aneri Shah
8. Mumbai Mavericks	Ved Gadge	Vedant Pathak	
9. Avalanche	Aditya	Aryan razdan	Kunal
10. Beedi	Rugved Mairal	Meet Shah	Tiya Mehta
11. Ambani ke Pille	Rishi Dinga	Aryan Mulchandani	Paras Kalyani



Official Poster for the event.



4. NEWBIETHON

Description:

NEWBIETHON was a 4-hour mini hackathon aimed at encouraging beginners to explore the world of coding and software development. The hackathon provided participants with a fun and supportive environment to learn new skills and work on exciting projects.

Participants were given a set of challenges to complete, which ranged from building simple websites to creating basic applications. Mentors and experienced developers were available throughout the event to provide guidance and support to the participants.

The hackathon also provided participants with an opportunity to network and connect with like-minded individuals in the tech community. The event concluded with a presentation of the projects, where participants had the opportunity to showcase their work and receive feedback from the judges.

Overall, NEWBIETHON was a great learning experience for beginners, and provided them with a platform to explore their interests and develop their skills in coding and software development.

Detailed Flow of events :

1. Problem Statements (**Web Dev Only**)
 - a. Social Cause Website / Earthquake Detection??
 - b. Hawker Business promotion Website.
 - c. Organ Donation Website.
 - d. Hackathon Registration Website.
 - e. Migratory Birds Info or Animal Welfare.
 - f. **10th March Night** Release date.

2. Logistics?
 - a. Registration form - Logi.
 - b. Registration Fees - Scoms Decision.
 - c. Allot teams to labs - Logi?
 - d. Assign labs to volunteers.
 - e. Refreshments - Marketing?
 - f. Max Capacity - Depends on No. of Labs we get?? (30-35 teams?)
 - g. Installation / Make Labs ready for Hackathon - Tech Team.

3. Introduction (**1 - 1.5 Hrs**)
 - a. Speakers for Intro & PS - Tech Team (30 mins)
 - i.Explanation of Newbiethon.
 - ii.Overview of Schedule.
 - iii.Explanation of PS and Intro to basic Web Dev Tech.
 - b. Speakers for Orientation - Hackathon Winners (30 - 45 mins)
 - i.Hackathon Tricks and Tactics.
 - ii.Ideal workflow / Time management.
 - iii.Presentation skills
 - iv.10-15 mins Q & A

4. Hackathon (5 hrs)
 - a. Coding1 (2hrs)
 - b. Refreshments (1hr)
 - c. Coding2 + Presentation Prepare (2hrs)

5. Presentation + Judging (1.5 hr)
 - a. Demo/Presentation to judges in 10 mins / team. (1 hr)
 - b. Judging -
 - i. Sakshi Ma'am
 - ii. Kum Kam Ma'am
 - iii. Nabanita Ma'am
 - iv. DK Ma'am
 - v. Juhi Ma'am
 - vi. Tanuja Ma'am
 - vii. Tasneem Ma'am
 - viii. Aarti Ma'am
 - c. Judging Criteria (40 Points Max.) -
 - i. UI/UX (8 Points)
 - ii. Understanding of tech used by them (10 Points)
 - iii. Features of Project (8 Points)
 - iv. Presentation/Demo Skills (8 Points)
 - v. Scope/Usability of Project (6 Points)
 - d. Prizes – Marketing

Problem Statements:

Hackathon Registrations

Design and implement a website which accepts hackathon registrations. Give it a catchy name, ask for all the necessary information and make the website attractive. Ensure to provide all the details about the hackathon.

Potential Features -

1. A timer counting down to the hackathon day.*
2. Registration form*
3. A section dedicated to the sponsors of the hackathon.*
4. Contact information for doubts and a FAQ's section.*
5. A timeline detailing the unfolding of the hackathon from registrations till the end.*
6. A short video/carousel over the hackathon details.
7. General information about the organizers.

Hawker's Help

An unique solution that would help to include informal vendors in the public space development without compromising on Urban Design.

Potential Features -

- 1) Registration of vendors on the platform.*
- 2) Create an economical informative page with waste management techniques they can use.*
- 2) A system that requires vendors to meet certain hygiene and safety requirements before being allowed to operate.
- 3) A map that displays the locations of vending zones in public spaces. (Look up Google Maps API).

Animal Shelter and Welfare

Make a user friendly web app for Animal welfare. The abandoned street animals can be accommodated in such shelters. Include a section for reporting animal cruelty.

Potential Features -

1. Registration of animal shelter organisations*
2. Include a section for reporting animal cruelty.*
3. Lists of shelters which can accommodate animals categorized by area.*
4. Include a section for connecting users with veterinarians.
5. Donation to Animal Shelters and Welfare organizations.
6. Volunteering section for specific organizations as per need.

Migratory Birds Info.

Migratory birds play a crucial role in maintaining the ecological balance of our planet. However, due to climate change, habitat loss, and other human activities, many migratory bird species are facing extinction.

To address this issue, we need to raise awareness about migratory birds and their welfare. We want you to build a website that promotes the welfare of migratory birds and educates people about their importance.

Here are some possible features that your website could include:

- 1) Static map image showing migratory bird routes and important stopover sites*
- 2) Educational content about migratory bird species, their habitats, and migration patterns*
- 3) Information on how human activities such as habitat destruction, pollution, and hunting affect migratory birds*
- 4) Tips on how individuals can reduce their impact on migratory birds and help protect them*
- 5) Have registration forms for local conservation efforts.*
(Optionally could also include a counter for no. of volunteers registered)
- 6) Contact info. directory/page of local conservationists, NGOs etc.

Organ Donation

The website should have a user-friendly interface that simplifies the registration process for organ donation. It should allow users to fill in their personal and medical information, and make it easy for them to update their donation preferences. The website should also have a database of registered donors and recipients, with features that enable them to find suitable matches based on their compatibility.

Features :-

- 1*) Information about Organ Donation: The website should provide accurate and up-to-date information about the organ donation process. This includes sections on frequently asked questions, eligibility criteria, and the benefits of organ donation. The website should also dispel myths and misconceptions about organ donation and promote awareness about the importance of organ donation.
- 2*) User Registration: The website should allow users to register as organ donors or recipients. The registration process should be simple and easy to follow
- 3.) Donor and Recipient Search: The website should have a search feature that allows registered donors and recipients to find the exact other. (Hardcoded would also be fine)
- 4.) Success Stories and Testimonials: The website should feature stories of successful organ donations and testimonials from donors and recipients. These stories should inspire and motivate visitors to sign up as organ donors.
- 5*) Organ Donor Events: The website should have a section for organ donation events and campaigns, which can be organized by non-profit organizations, hospitals, and other entities. This section could include information about upcoming events, success stories from past events, and how to get involved.

6.) Personal and medical information: The website should allow users to fill in their personal and medical information and make it easy for them to update their donation preferences.

Footfall: A total of 25 teams which had 3 participants each were in attendance.

Participants List:

Team Leader Name
Jamadar Afjan Shakil
Sahil Gehani
Shrirang Zend
Zidan Shaikh
Aryav Jain
Sujal Israni
Sohail Ali Khwazada
Jayden De Souza
Jayden De Souza
Aarya Rajendra Gurav
Dhruv Mehta
Vamshi Marri
Shreya
Zoya hassan
Vibhav Rai
Atharva yadav
Digvijaysingh Rajput
Garv Jain
Pankaj Joshi
Eshaan Vaswani
Kashish Dodeja
Vedant Borkar
Saniya Mihani
Meet Raut
Shreya Bhatia
Team Name
1. AFC CODERS
2. ALT F4

3. Animal Kingdom
4. Ascent
5. Astralis
6. Binary Bots
7. Binary Fetch
8. Bit lords
9. Bit lords
10. Code Crushers
11. CodeOfDuty
12. cyberpixie
13. Error 404
14. Exe=change
15. Hacktastic
16. Hugs for bugs
17. Java Mayhem
18. M&M
19. Old Monks
20. Team Error
21. TechnoTribe
22. The bugss
23. The Code Breakers
24. The Coding Crew
25. The Dark Coders

Team Member 1 Name
Khan Fahed Javed
Rohan Advani
Vanshika Jain
Sairaj Vinayagamoorthy
Yash Saini
Jaikishan Kamrani
Dhruv Agrahari
Mahima Varma
Mahima Varma

Aditi Ajit Surve
Tanmay More
Aditya Bhat
Aryaa Patil
Riddhi lalla
Aditya Dikonda
Om pawaskar
Aarya Arban
Hriday Jain
Sarthak Kunwar
Sahil Gurnani
Devanshu Kadam
Pooja Makhijani
Sudhanshu Pandey
Atharva Vichare
Ria Ambadan
Team Member 2 Name
Chinmay Milind Tullu
Rounak Katiyar
Devang Gupta
Saachi Kokate
Raj Singh
Khushi Punjabi
Khushi Punjabi
Alisha Sayyed Adil Inamdar
Tanush Bidkar
Yuvraj Upadhyay
Shrutik Gupta
Urja bahad
Janhavi Gangawane
Darshan soni
Aniket More
Alphonz George Velacherry
Jorden Matthew

Param Wagwani
Neha Vishwakarma
Khushie Kulchandani
Khushbu Ahuja
Sujal Payyampallil



Official Poster for the event.



5.MURDER MYSTERY

Description:

The event was a murder mystery challenge where participants must use their technical skills to solve a crime. In the first round, our junior committee members were given characters with specific dress-up and they are interrogated by investigators who ask for digital evidence to piece together the suspect's whereabouts and motives using digital forensics and network analysis.

In the second round, participants were given a room set up like a murder scene, and they must use their technical skills to collect clues such as footprints, fingerprints, and DNA samples. They had to analyse digital devices found at the scene, such as mobile phones or laptops, to gather additional evidence.

In the final round, three separate rooms were set up for each suspect. Participants must use their technical skills to access each room and gather evidence while avoiding detection. The evidence collected in each room will help participants identify the real culprit and solve the murder.

Throughout the event, participants encountered technical challenges such as hacking into locked devices, analysing data, and using various forensic techniques to gather evidence.

Footfall: There were a total of 29 teams with 3 participants each. Therefore, there was a total of 87 participants.

Participants list:

1. Team Name
2. Crime patroll
3. The third wheel
4. homo-sapien
5. Bugs Bunny
6. Error 404
7. The Expendables
8. I'mposter
9. Reichenbach Resolvers
10. The Third Wheel
11. Trishyam
12. Truthful Liars
13. The Owl Squad
14. Mujhe kya mai toh badak hu
15. Shadow secrets
16. Shadow secrets
17. The Murderers
18. Moriarty's
19. The Casebusters

20. The detective eyes
21. Baker Street Irregulars
22. FBI: frequent blunders and incompetence
23. Cheeky_Grinders
24. Clue Hunters
25. Low effort CID
26. Tera Baap
27. Sherlock ke 14
28. Team Dominator's
29. Elves on strike

Team Leader Name
Sarthak
Pooja Makhijani
Harsh
Kedar Karbele
Sarah Pendhari
Krushang kadakia
Ved Gadge
Om Pawaskar
Pooja Makhijani
Atharva yadav
Shivam
Kashish Dodeja
Bharatram
Meghana Kovatte
Meghana Kovatte
Aditi Patil
Soham joshi
Pankaj Joshi
Niyati Savant
Atharva Jindal
Sarvesh Shukla
Dharmik Shetty
Fahed Khan
Anirudh Navin
Goyam

Shaikh Salif
Aayush Misal
Aroush pawaskar

Team Member 1 Name
Melissa D'Silva
Vedant Borkar
Atharva
Atharva Dhamne
Nikshita Karkera
Yuvraj Upadhyay
Riz Lala
Darshan Soni
Vedant Borkar
Shrutik gupta
Deva
Saniya Mihani
Meet raut
Saylee shirke
Saylee shirke
Manan Mehta
Shamaz ansari
Shreya Chawale
Kaveri Solat
Viraj Dalvi
Swayam Prabhu 🙏
Ashutosh Patil
Dhruv Mehta
Isha nalawade
Yash Dudani
Abhishek Goud
Jajwal Parab
Sameer Koli

Team Member 2 Name
Pujan panchal
Varun Madkaikar

Sujal
Aditya apandhkar
Harshit Gyanchandani
Saris Singh
Kishan
Varun Madkaikar
Dhruv bharwada
Vedant
Anveee Shetty
Swar Mhatre
Nidhi mhatre
Nidhi mhatre
Parag Patel
Sanjana prajapati
Aryaa Patil
Soweda M
Swaraj Pai
Chinmay sankhe
Hruday Ambokar
Sushmit Sanyal
Sanjeevan bapat
Shaikh Sohail
Atharva Gidde
Tirth Solanki



Official Poster for the event.



TEAM IETE-TSEC

As a whole, Oscillation'2023 was a huge success and all the events that were held had really good response. All events were full-house and our Scm and Jcom team worked for months to make this fest come to life with such grandeur and exuberance.

IETE-TSEC SENIOR COMMITTEE 2022 - 23	
Chairperson	Yashna Dawda
Vice-Chairperson	Vedant Kadam
Secretary	Ananya Garg
Treasurer	Amogh Patil
Joint-Treasurer	Nishant Sadikale
Senior Organisational Manager	Aarya Redekar
Public Relations Officer	Gaurav Nenwani
Event Head	Yash Vaskar
Marketing Head	Nikita Saha
Publicity Head	Aarya Redekar
Logistics Head	Aadi Vora
Technical Head	Etash Dorwani
Creatives Head	Mahek Karia
Design Head	Prabhmeet Oberoi
Social Media Head	Gauravi Patankar

Senior Committee Members

IETE-TSEC JUNIOR COMMITTEE 2022-23		
TECHNICAL JASH DOSHI DARSHIL MARATHE SHUBHAM TAINWALA MOHIT DUDANI ABHIGYAN BAFNA JAGJEET SINGH	PUBLICITY SHREYA KAMATH RUDRANI CHAVARKAR ABID FARID GHOLE DRISHTI WADHWA JAY SAMBERKAR AARYAN BAGDI ARYAN GUPTA	LOGISTICS ADITYA SAVANT MUSKAN TOLANI VIVEK SHARMA MAYAM CHOWDHRY AYUSH BHANUSHALI GOURI TIBDEWAL HUZEFA DOHADWALA ANANYA VERMA
CREATIVES NIDHI KADAM DARSH CHOTALIA KASHISH AGARWAL DEEP PRAJAPATI SHAGUN GUPTA SHIPRA SUVARNA ANISHA JAIN DIPSHREE PARMAR	DESIGN CHETANA BHOJWANI YATHHARTH K. ARYA DUBAL AROH JAMBENAL MEETALI KAPSE SIDDHANT DEMBI	MARKETING AYUSH SINGH DHAWAL CHAUDHARI HARSH TIWARI LAKSH DOSHI MEHEK RICHHARIA PARTH PURANIK PRAGATI JAKHOTIA SNEH MIRANI
SOCIAL MEDIA MAITHILI SHINDE IRA SAHASRABUDHE SURYA VENKATSUBRAMANIAN SUJAL GANDHI ARUSH KAREKAR		

Junior Committee Members

Conclusion: The fest was officially the last fest of the tenure 2022-23 and all Scoms and Jcoms worked hard in a strong unit to help organize it. Therefore, Oscillation'23 was a grand success with an overall footfall of around 324 participants which was inclusive of FE's, SE'S, TE's and BE's from TSEC as well as from colleges from all over Mumbai!

Report

Name of the Event: ChEMERGENCE'22

Organised By: IChE-TSEC

Date of the Event: 30th September, 2022 & 1st October, 2022

Location of the Event: Chemical Engg Department of TSEC, Old Building

Sponsoring Organisations:

- Hosokawa Micron
- Bhumistra Infra Services
- Regal Shoes
- Attempt to Succeed
- IChE-TSEC
- Gatsby
- Sundaram
- MacV
- Green Monk
- House of Jersey
- Bombay Wardrobe
- Value Words

Opening Ceremony

Date: 30th September, 2022

Time: 9.30 AM

Venue: Seminar Hall, OB

ChEMERGENCE'22 started with the Opening Ceremony. The opening ceremony was graced with the presence of Mr. Sushil Kumar as the Chief Guest, Mr. Atul Choudhari as the Guest of Honour, the Principal, Dr. G.T.Thampi, the Head of Department, Dr. Elizabeth Joseph and the teacher coordinator for IChE-TSEC, Ms. Praseeda Nambisan. The ceremony declared the opening of ChEMERGENCE'22, followed by a few words of wisdom, encouragement and inspiration from the panel.



Panel Discussion

ChEMERGENCE'22 started off with panel discussion. The event was held in the first session of 30th of September. The main aim of the event was to provide a platform for a group of industrial experts to discuss an issue, provide feedback or brainstorm solutions regarding relevant topics in their industry.

It brought to the table a host of panellists who delved deep into the topic of "Energy Efficiency & Sustainable Development in building a circular economy in the chemical industry". The chemical industry is going through a transformation with the motto of being environmentally and economically responsible in their pursuits and thus finding ways to become more sustainable, which was the central idea of the event.

There was a gathering of the brightest minds from varied sectors of Chemical engineering ranging from polymers to nuclear energy. The following were our set of panellists:

- Atul Choudhari

With a career of more than 22 years at Aker Solutions, Mr. Choudhari is currently working as the CTO at TCE. His impeccable knowledge of distillation and simulation is truly noteworthy.

- Dr. Nimisha Pathare

A growth mindset professional, she is a passionate and curious researcher working on ESG. She is currently working as Intellectual Capital Manager for the Food and Specialty Packaging at DOW Chemicals India.

- Jagdish Nageshri

With 35+ years of experience in strategy, planning, execution and change management with respect to Operations, Maintenance and Safety of HWPs, he is currently working as Senior General Manager at the Department of Atomic Energy – BARC.

- Vishwanath Dalvi

With an interest in process development and scaleup, he has been teaching at the Institution of Chemical Technology as R.A Mashelkar Assistant Professor.

- Sushil Kumar

With an experience of 21+ years in Reliance, along with holding the position of President of Reliance Industries, he is now working as a consultant.

The event commenced at sharp 10 a.m., right after the inauguration ceremony and was held in the seminar hall occupied in the old building of Thadomal Shahani Engineering College. More than 75 participants attended this event which was followed by a highly interactive QnA session involving the participants, panellists and teachers, the participants, panellists and teachers, the participants, panellists and teachers.



Chem Quiz

The event kicked off on the first day of ChEMERGENCE. The aim of the event was to allow the participants to test their knowledge of various subjects of chemical engineering in a fun, interactive, and competitive way and to enhance their knowledge in the field. There were two judges for Chem-Quiz.

- Mr. Sunil Bhagwat

He is a faculty at ICT, Mumbai for the past 36+ years, with the area of Specialization in Interfacial Science and Engineering, Artificial Neural Networks, Energy and Exergy Engineering. He holds the position of Professor of Chemical Engineering, Coordinator of Centre of Excellence in Process Intensification and Postgraduate Diploma course in Chemical Technology Management, and Dean, Internal Quality Assurance.

- Mr Pratik Bhagat

He is an alumnus of TSEC, 2011 graduate batch. With an experience of 11⁺ years in on and offshore process engineering, he is currently working as the Principal Process Engineer at NPCC Engineering Pvt. Ltd. He is also the founder of ATTEMPT to succeed, a GATE coaching initiative for chemical engineers.

The event saw a massive turnaround with 11 teams participating. Each team consists of 3 participants. All the teams were filled with enthusiasm for this event. There were total of 4 rounds. In the first round which was also the elimination round all the teams were expected to solve the question and the top 6 teams with the highest score would qualify for the second round. The second round was the verbal round 2 teams were made to face-off. Among the 2 teams, the team with the highest score would advance to the next round. The third round was the buzzer round all the 3 teams were made to compete. Our judge for the event Mr. Sunil Bhagwat was the host for the buzzer and the final rapid-fire round. The team which would press the buzzer first was given the chance to answer first and if the answer were wrong the next team was given the chance to answer. The audience were also given the chance to answer the question. For the final round i.e., rapid fire round the final two teams were given some fixed allocated time and the team which was able to answer maximum questions correctly won.

The event was full of joy. The audience enjoyed the buzzer and the rapid fire round very much. The event also helped everyone to become more aware of various concepts of chemical engineering.



PFD-Prof. Frank's Diagram

Professor Franks Diagram was inspired by the one who first invented flow diagrams, i.e., Dr. Frank Gilbert along with his wife Lillian Gilbert. It was a competitive event where the participants had to come up with possible modifications in the PFD and decide on which equipments they should bid on.

This event was more than just about figuring out how to analyse a process flow diagram. It was about estimating the right amount of capital that should be invested into a process considering all the parameters and bidding for the required equipments accordingly to make sure the production runs in profits.

THEME: Capitalistic viewpoint in Cost Estimation

Judges

Dr. Trupti Dharmarao

She is an assistant professor at the Chemical Engineering Department of Thadomal Shahani Engineering College with a teaching experience of 8 years. She specializes in Separation Technology.

Mr. Pratik Bhagat

He is an alumnus of Thadomal Shahani Engineering College, 2011 graduate batch with an experience of 11 years in on and off shore process engineering. He is currently working as the principal process engineer at NPCC Engineering Pvt. Ltd. He is also the founder of ATTEMPT to succeed, a GATE coaching initiative for chemical engineers.

Event Description

No. of members permitted in each team were maximum 4 & minimum 2 members.

Participants were given a PFD along with all the details of the process such as pressure, temperature etc. Each team were given a problem statement related to a particular section in the process and they were supposed to identify the modifiable equipments in the process and get ready to buy the desired equipments with the required specs in the auction.

For example: if an equipment is not functioning properly or is unable to meet the required production rate. To resolve this, the participants need to make some modification in the PFD. All the equipment required for modification were sold in auction and prior to the auction participants were given the list of all the equipment along with its cost and other parameters like capacity and efficiency etc.

For the modified PFD, participants were supposed to do economic analysis for the overall cost, profit, ROR and time required to get back the invested money (information regarding the different costs such as operating cost, Labour costs, depreciation etc, were provided beforehand).

30mins to familiarize with the process

Time for auction 1hr.

40mins for further calculation and analysis

Judging criteria was based on 1) Modifications made in the original process 2)

Economic analysis

Number of Teams participated == 7

Unique ID	Teams		Unique ID	Teams
	Team PFD001			Team PFD002
1010	Amandeep Kaur Chawla		1006	Jyothi Banduni
1028	Gayatri Nalawde		1005	Anvita Bhate
1071	Mohammad Saud		1007	Lalit Choudhary
1033	Harmit Kadu		1008	Chaitanya Desai
	Team PFD003			Team PFD004
1015	Husain Bohari		1024	Vinit Khopkar
1016	Mohammedzaqi Nayani		1025	Amogh Deshpande
1017	Harsh Gandhi		1128	Akshay Karandikar
1019	Rashid Khan		1026	Mohit Tupkar
	Team PFD005			Team PFD006
1065	Om Mahini		1121	Harinarayan Jha
1004	Asad Ansari		1122	Naeef Dalvi
			1123	Himanshu Patil
			1125	Yash Gaikwad
	Team PFD007			
1018	Mohammed Adil Bhabar			
1072	Divyansu Bhalotia			



The Bait

About the event

A battle of wits and words, that has been practised in every cultural festival from the ancient times of the Greek. This structured contest of ideas, where you can express your views and fight for their point of view is a process that will drive you through an enlightening path of wisdom

Theme

The theme was environmental issues faced due to increasing industrialization

Judges

For the First round

- Dr.Rita Sharma Ma'am who holds a PhD degree in English literature and is the head of Humanities department here in TSEC . She has more than 20 years of teaching experience
- Prof.Praseeda Nambishan ma'am who is an assistant professor at the Chemical Engineering Department of TSEC, with an experience of 9 years. She specializes in Bioinformatics and microbiology.

Second round

- Prof. Rupali karande ma'am who is the head of chemical engineering department in DJ sanghvi college of engineering and is also an associate professor, having more than 21 years of teaching experience she holds experiences of working as a consultant for companies dealing with biogas plant for storage and use
- Dr.Rita Sharma Ma'amwho holds a PhD degree in English literature and is the head of Humanities department here in TSEC . She has more than 20 years of teaching experience
- Dr.Poonam Soni ma'am who is the head of Mathematics department here at TSEC, holding a PhD degree in mathematics. Having more than 20 years of teaching experience she has 6 paper published under her belt of achievements

About the external judges

- Prof. Rupali karande ma'am who is the head of chemical engineering department in DJ sanghvi college of engineering and is also an associate professor, having more than 21 years of teaching experience she holds experiences of working as a consultant for companies dealing with biogas plant for storage and use

Number of teams

Total 8 teams consisting of 3 members each had participated which is equivalent to 24 participants in The bait event

Rules of the event

1. Each team should consist of 3 participants.
2. The participating teams will first go through a qualification round, in which the teams will be assigned various countries which will be done by the means of drawing chits.

3. After receiving the country, the teams have to move to the designated room where they will be given an issue related to the country they are assigned.

4. The teams have to speak and express their views on it. They will be asked one question by the judge and will be marked accordingly.

The format of the debate will be: Opening Statement—> Rebuttal—> Closing Statement.

5. The opening statements will be given by two of the team members and the closing statement must be compulsorily given by the 3rd member.

6. The rebuttal round will consist of 2 questions for each team going back and forth.

7. The time allotted for questioning is 30s and the 1 min 30s for the response from the opponent team.

Number of rounds conducted

A total of 4 rounds were conducted

First round - Qualification

Second round - Quarterfinals

Third round - Semi finals

Fourth round - Finals



ChemX: Chemical Engineering TedX

About

The Chemical Engineering TEDx. A platform where our industry expert will share her wisdom and knowledge of her expertise. This year, IChE-TSEC focused on a crucial topic of Intellectual Property Rights! Intellectual property rights (IPR) are the legal rights granted to the inventor or creator to protect his or her invention or creation for a set period of time.

Our expert believes, " IPR is the key for converting Research to Revenue". She has conducted in-depth analyses of patents with a solid technical knowledge and understanding of the fundamentals of IPR, while advising/suggesting the scientists to generate data for strengthening and enhancing the patentability and allowance/grant of the Patent

THEME: Intellectual property rights (IPR)

About The Expert

Ms. Laxmi Rao, is an IP Attorney with over 14 years of experience in IP, particularly Patents. She is currently working with InnovarIP Consulting group (A part of SML Group of Companies), She has a unique experience of working in Research Institutes, top tier IP/ Law firms and Corporate sectors. She has advised clients on product launch strategy, patent strategy, patent search and analytics patent prosecution, clearance, patent oppositions, patent due-diligence, etc. She has worked with MaxVal IP Services Pvt. Ltd, D.P. Ahuja & Co., Megafine Pharma, Jindal Poly Films Ltd, Legasis Services and CSIR - URDIP. She is registered to practice at the Indian Patent Office. Our expert believes, " IPR is the key for converting Research to Revenue" She has conducted in-depth analyses of patents with a solid technical knowledge and understanding of the fundamentals of IPR, while advising/suggesting the scientists to generate data for strengthening and enhancing the patentability and allowance/grant of the Patent.

Number of Attendees == 50



Paper & Poster Presentation

Topics for both Paper & Poster Presentation:

- i) Chemical Engineering Application In Medical Science
- ii) Material Science and Engineering
- iii) Water treatment
- iv) Process Safety and Hazard Management
- v) Bio-molecular Chemistry
- vi) Sustainability
- vii) Food Science and Engineering
- viii) Nanotechnology
- ix) Waste Management

Event Name: Poster Presentation

- A poster presentation is a formal research-based presentation of work. A poster presentation provides a visual representation of research through text, chart, graphs and other visual aids. A poster allows viewers to read your research material at their own leisure and to interact with you-perhaps asking questions about your methods or your findings.

Judges:

- i) Dr. Rajkumar Pathak
- ii) Mr. Ravindra Joshi

Participants:

Team 1: Riddhi Patil

Komal Kaur Sambhi

Kajal Yadav

Team 2: Anvita Bhate

Rules of event:

- i) Team should consist of maximum 3 members.
- ii) The topic chosen by the team should adhere strictly to the domains mentioned for the event.
- iii) Teams will be shortlisted based on the abstracts and adherence to domains.
- iv) 10 minutes will be given for presentation and 5 minutes for Q&A.
- v) During the event, each team will be given an ID number tag that will be representing the presentation team in the event.
- vi) The abstract should not exceed 250 words. [Font style: Times New Roman, Font size: 12]

- vii) The poster must be a color poster, having an orientation of either landscape or portrait and the team can use relevant images, diagrams, tables, and charts wherever required in poster.
- viii) The abstract should contain the title of the poster. Tables and figures should not be included in the poster.
- ix) The poster should consist of single sheet with 48” inch wide and 36” high dimension with the content only on the front side of the sheet.
- x) The poster should not contain names of any of the contributing authors or their affiliation to any institute.
- xi) The poster format should be as follows:
 - A) Title
 - B) Abstract
 - C) Tools and Techniques/Methods
 - D) Results
 - E) Conclusion
 - F) Reference
 - G) Acknowledgement

Event name: Paper Presentation

- Paper presentation is an event where the participants are required to make a paper about a certain topic or area, and then present it in front of a jury, following which it will be rated and judged based on their performance.
- The purpose of paper presentation is to enhance a particular student’s ability in art of academic writing and present it. It also helps broaden the minds of the participants a little more.

Judges:

- i) Dr. Ramesh Bhande
- ii) Prof. Sangita Gaikwad
- iii) Dr. Trupti Dharmarao

Participants:

Team 1: Mrunal Tawde

Sanskruiti Rajgor

Doshiya Sayyed

Team 2: Anvita Bhate

Team 3: Drashti Sodha

Ved Karawale

Team 4: Riddhi Pradip Patil

Komal Kaur Sambhi

Kajal Yadav

Team 5: Prathamesh Khandekar

Team 6: Snehal Morade

Rules of event:

- i) Team should contain maximum 3 participants.
- ii) Teams will be shortlisted based on abstracts.
- iii) The paper submitted will have to be presented during the event.
- iv) The team will get 10 minutes to present their paper and 5 minutes will be for questioning by judges.
- v) One hard copy of the paper have to be submitted before presentation to the judges.
- vi) The participants will have to present their papers in MS-Power Point (PPT) format only.
- vii) The abstract should not exceed 250 words. [Font style: Times New Roman, Font size: 12]
- viii) The paper must follow IEEE format.



Chemical Feud

Chemical Feud, an event just like the world famous entertainment show 'Family Feud' was one of our MOST anticipated event of ChEMERGENCE'22 with the highest amount of participation! The best twist of the event? There was no right answer nor a wrong answer The points were awarded based on how well your answer fits in the categories of answers. These categories were created by conducting a survey beforehand.

To win this event, one didn't just need knowledge about the field of chemical engineering, but had to see the world of chemical engineering through the point of view of all others and give the answer that the majority deems fitting.

Judge:

Prof. Praseeda Nambisan

Prof. Praseeda Nambisan ma'am who is an assistant professor at the Chemical Engineering Department of TSEC, with an experience of 9 years. She specialises in Bioinformatics and microbiology.

Flow:

There were a total of 21 teams with 4 participants in each team. Because of the overflowing participation, we needed to shortlist a few teams. For this, we introduced the qualification round. Participants were given questions which they had to solve as fast as possible. The questions had options which they had to arrange in a specific order. The teams who submitted their answers the fastest, provided the order of their answers being correct, were qualified for the main round. 6 teams out of the 21 teams were qualified. For the main round, the host called two teams in front of each other. Questions relating to the concepts of chemistry and chemical engineering associated with day to day life were asked. Now the answers that the participants gave were compared with the results of the survey we conducted beforehand. The participants were awarded points based on the proximity of their answers to the ranked results of the survey. The higher the rank, more will be the points awarded. The participant that earns the highest amount of points during the round will be declared as the winner.

Rules:

Each team should consist of 4 participants.

2. The teams will first go through an elimination round which would consist of a contest involving Q&A and the teams will be marked and timed accordingly.
3. The teams will be ranked in a leader-board according to the score earned. Top 6 teams will be selected from this leader-board.
4. In case of a tie, the teams will be ranked according to the time taken by them to submit the answers.
5. These qualifying teams will face each other in the next round.
6. Each round between 2 teams will first consist of a face off round. One player from each team approaches the centre, ready to buzz in the answer to the question.
7. The questions will be based on chemical principles correlating with daily life. The points to each answer will be based on a survey conducted before the game. The most popular answers will have the maximum points.
8. First to buzz in and provide an answer that revealed the highest ranking on the board can choose for their team to pass, or play.
9. If the first player who buzzes in reveals an answer that isn't number 1, then the other player has a chance to guess an answer.

10. If neither player is able to make any correct guesses during the face-off, then play goes to the second player of the team of the first player who buzzed in, and continues to alternate between teams until a correct answer is given.

11. After a team has chosen to pass or play, the playing team must guess the remaining answers on the board.

12. Players on the team answer one at a time, within 10 seconds of hearing the question, with no help from their other teammates. If a player incorrectly guesses or doesn't provide a guess in time, the team receives a strike.

13. When a team reaches 3 strikes, the opposing team has a chance to steal the board. The opposing team can work together to quickly come up with an answer.

14. If the opposing team reveals one of the remaining answers on the board, the opposing team steals all the revealed points for that round.

15. If the opposing team is unable to reveal an answer on the board, the playing team keeps the points they've earned and the round is over. The remaining answers are revealed.

16. 2 such rounds will be played. The team with the highest points qualifies for the further rounds.

The entire room was overflowing with enthusiasm and screams of joy as the participants played the rounds. Being the last event of the last day of ChEMERGENCE'22, every participant present there, was also eagerly waiting for the results of the events held on both the days of ChEMERGENCE'22.



Closing Ceremony

After 2 days of fun-filled and exciting events, ChEMERGENCE'22 came to an end on 1st October 2022 after the event of Chemical Feud. This was preceded by the closing ceremony which was held in the seminar hall of the old building of TSEC. The guests for the event were Shri Praveen Saxena and Shri Dhawal Saxena.

Shri Praveen Saxena was the former director and CEO of Blast Carboblocks Pvt. Ltd. He is a part of Bureau of Indian Standards and is the Vice President of Indian Carbon Society. He has also been the Chairman of the Indian Institute of Chemical Engineers- Mumbai Regional Centre from 2010-11. Shri Dhawal Saxena Sir is the Associate Director at Blast Carboblocks Pvt Ltd. He is also a member of Bureau of Indian Standards and the Joint Secretary of Indian Institute of Chemical Engineers- Mumbai Regional Centre.

The closing ceremony started with the felicitation of the guests and the address to the audience by the guests and the Head of Department of Chemical Engineering, Dr. Elizabeth Joseph, followed by the prize distribution ceremony, for the felicitation of the winners of the competitions. The winners of the events of ChEMERGENCE'22 were given certificates of appreciation and cash prizes. The list of winners is as follows-

- 1) Chem-Quiz
 - 1st place- Gayatri Nalawade, Mohammed Saud, Amandeep Kaur Chawla (TSEC)
 - 2nd place- Anmol Gupta, Rishabh Bhingarde (TSEC)

- 2) Prof. Frank's Diagram
 - 1st place- Gayatri Nalawade, Mohammed Saud, Amandeep Kaur Chawla, Harmit Kadu (TSEC)
 - 2nd place- Divyansu Bhalotia, Mohammed Adil Babar (TSEC)
 - 3rd place- Harinarayan Jha, Naeef Dalvi, Himanshu Patil, Yash Gaikwad (MGM)

- 3) Chemical Feud
 - 1st place- Mohit Tupkar, Amogh Deshpande, Vinit Khopkar, Pratik Kalambe (TSEC)
 - 2nd place- Aryan Mehta, Aryan Tibrewala, Nolon Noronha, Shivam Jadhav (ICT)
 - 3rd place- Craig DeSouza, Arya Shah, Aditi Tendulkar, Pravinkumar Sahu (ICT)

- 4) The Bait
 - 1st place- Anvita Bhate, Amandeep Kaur Chawla (TSEC), Om Mihani (IIT-B)

- 5) Poster Presentation
 - 1st place- Riddhi Patil, Komal Kaur Sambhi, Kajal Yadav (TSEC)

- 6) Paper Presentation
 - 1st place- Drashti Sodha, Ved Karawale (ICT)

Dr. Elizabeth Joseph and Prof Praseeda Nambisan, the Teacher-coordinator of IICHe-TSEC along with the guests felicitated the winners.

The closing ceremony was drawn to a close by the vote of thanks and the formal conclusion of ChEMERGENCE'22.



ChEMERGENCE'22 TIMETABLE

30th Sept-Friday	Timing	1st Oct-Saturday	Timing
Opening Ceremony	9-10	Debate(1)	9:30-10
Panel Discussion	10-12	Expert Talks	10-11
		Poster	11-1
		Paper	11-1
Quiz	12-1	Debate(2)	11-1
Lunch Break			
Quiz	1:30-2:30	Debate(3)	1:30-3
PFD	2:30-5	Chemical Feud	3-5
Process Bumble	12-5	Process Bumble	11-5
		Closing Ceremony	5+

Unique ID	Name	College
1001	Swaraj Pai	TSEC
1002	Basit Mahiskar	TSEC
1003	Aves Ansari	TSEC
1004	Asad Ansari	TSEC
1005	Anvita Bhate	TSEC
1006		TSEC
1007	Lalit Choudhary	TSEC
1008	Chaitanya Desai	TSEC
1009	Anmol Gupta	TSEC
1010	Amandeep kaur	TSEC
1011	Mrunmayee Hegiste	TSEC
1012	Rishabh Bhingarde	TSEC
1013	Craig DeSouza	ICT
1014	Siddhant Garje	TSEC
1015	Husain Bohari	ICT
1016	Mohammedzaqi Nayani	ICT
1017	Harsh Gandhi	ICT
1018	Mohammed Adil Bhabar	TSEC
1019	Rashid Khan	ICT
1020	Arya Shah	ICT
1021	Nitin kori	TSEC
1022	Shivam Jadhav	TSEC
1023	Raviraj Vijay Khandekar	TSEC
1024	Vinit Khopkar	TSEC
1025	Amogh Vinay Deshpande	TSEC
1026	Mohit Tupkar	TSEC
1027	Pratik	TSEC
1028	Gayatri Sanjay Nalawade	TSEC
1029	VIRAJ DALVI	TSEC
1030	Divya Sakharwade	TSEC
1031	Sejal Nimbare	TSEC
1032	Devika Gharge	TSEC
1033	Harmit Kadu	TSEC
1034	Yash Talekar	TSEC
1035	Nilesh Gole	TSEC
1036	Abhishekh Narvekar	TSEC

1037	Sahil Mirashi	TSEC
1038	Aditi Milind Tendulkar	ICT
1039	Harsh Mayne	TSEC
1040	karan shah	TSEC
1041	Ajinkya Joshi	TSEC
1042	Om Arun Pawar	TSEC
1043	Jatin Gola	TSEC
1044	ANVISHA PUSHPAK PADI	TSEC
1045	Natasha Kairamkonda	TSEC
1046	Rishit Kothari	TSEC
1047	Muskan Yadav	TSEC
1048	Bhupendra Vatandar	TSEC
1049	Riddhi Patil	TSEC
1050	Komal Kaur Sambhi	TSEC
1051	Kajal Yadav	TSEC
1052	Drashti Sodha	ICT
1053	Pravinkumar Sahu	ICT
1054	Sanskriti Rajgor	TSEC
1055	Doshiya Sayyed	TSEC
1056	Ved Karawale	ICT
1057	Ruchita Pawar	ICT
1058	Ansh Gupta	ICT
1059	Hardik Balsaraf	ICT
1060	Chinmay Misal	TSEC
1061	Akhil Gutti	TSEC
1062	Vaishnav Morye	TSEC
1063	Joystan	TSEC
1064	Fasih	TSEC
1065	Om Mihani	IIT B
1066	Oorv Devasthali	ICT
1067	Harsh Gandhi	TSEC
1068	Ananjai Tamboli	TSEC
1069	Anurag Sharma	TSEC
1070	Dhyan Alva	TSEC
1071	Mohammad Saud	TSEC
1072	Divyansu Bhalotia	TSEC
1073	Sahas Satish Kasar	TSEC

1074	Aadithya Premraj	TSEC
1075	Ronit Tejani	TSEC
1076	Kashish Agarwal	TSEC
1077	Tahir Khan	TSEC
1078	Firasat Qureshi	TSEC
1079	Huzaifah Bhati	TSEC
1080	Sharvari Indalkar	TSEC
1081	Ira Sahasrabudhe	TSEC
1082	Jeet mehta	TSEC
1083	Gayatri Chaudhari	Jondhale
1084	Tanay Laxmikant Patil	TSEC
1085	Soham Joshi	TSEC
1086	Nitish Singh	TSEC
1087	Pranoti Sawant	TSEC
1088	Surin Gupte	TSEC
1089	Sia Shetty	TSEC
1090	Vridhi Varliani	TSEC
1091	Manav thaker	TSEC
1092	Aryan Mehta	ICT
1093	Nolan Noronha	ICT
1094	Aryan Tibrewala	ICT
1095	Ishika Shyamkishire	TSEC
1096	Tejas Khadke	TSEC
1097	Moryanka chalia	TSEC
1098	Muaaz Tariq Solkar	DJ Sanghvi
1099	Mahima Jain	TSEC
1100	Danish	TSEC
1101	Aditya Kalamdani	TSEC
1102	Eshan Kadam	TSEC
1103	Shivam Jadhav	ICT
1104	Vichare Janhavi Dattaraj	MGM
1105	Naeef Naushad Dalvi	MGM
1106	Atharva Jindal	TSEC
1107	Kazim Bootwala	DJ Sanghvi
1108	Anand Iyer	DJ Sanghvi
1109	Siddhant Sunil Sawant	DJ Sanghvi
1110	Khushi Veerothi	DJ Sanghvi
1111	Ayush Panchal	DJ Sanghvi

1112	Shreya Dyawarshetty	VJTI
1113	Joel Lobo	TSEC
1114	Tanmay Kulaye	TSEC
1115	KAHEF Khan	TSEC
1116	Sadiq	TSEC
1117	Prachi Rode	TSEC
1118	rhea Dhenuka	TSEC
1119	Harshwardhan Dadhich	TSEC
1120	Anshuli Warde	TSEC
1121	Harinarayan Jha	MGM
1123	Himanshu Patil	MGM
1124	Jishnu Madabhushi	TSEC
1125	Yash Gaikwad	MGM
1126	PRANITA NILKANTH SUR	VJTI
1127	Aboli Raut	VJTI
1128	Akshay Karandikar	TSEC
1129	Sarthak Prashant Agrawal	ICT
1130	Soumik Sen	ICT
1131	Nishant Kahane	ICT
1132	Sahil khandelwal	ICT
1133	Devang Gada	TSEC
1134	Apurv Talegaonkar	TSEC
1135	Arya Patil	TSEC
1136	Mrunal Tawde	TSEC



ISTE-TSEC COMMITTEE REPORT (2022-2023)

Vision: To produce regional and global leaders in the Technical field.

Motto: Providing guidance and training to students to develop better learning skills and personality.

Goals: To bring together students across all branches and make them passionate about Science and Technology.

Indian Society for Technical Education, Thadomal Shahani Engineering College (ISTE TSEC) believes in sharing the knowledge and skills gained by students in their senior years of the course of engineering to their junior peers and help them excel in their field by mentoring and helping them at each level. The workshops, webinars and competitions conducted by ISTE focused on each aspect of an Engineering Student's life by educating them about various technologies, testing their knowledge by competitions and focusing on finances as well.

ISTE TSEC successfully organized 3 events and 1 Flagship event during the academic year 2022-2023. Each event was open to all students from Thadomal Sahani Engineering College.

Following are the events –

Event Name: Algorithmic Trading

Event Venue: NB Seminar Hall

Start Date of the event: 16th September, 2022

End Date of the event: 16th September, 2022

Aim of the event: To introduce the concept of Algorithmic Trading as many people are unaware about it. To help people understand the advantages of it and the major difference between it and the normal trading. They must know how easy and useful it is.

Groundwork and Flow of event:

To introduce systematic and quant trading our committee decided to conduct Algo trading workshop. We first pitched our idea to our committee mentors after the approval we got all our event conducting rooms permission letters ready and approved. We then got our technical team to create google forms for registration. We approached finest algo-trading speakers and eventually on the day of event algo-trading strategy workflow was discussed. Students enjoyed the event and thought was knowledgeable.

Impact Analysis:

This event helped student understand algo-tradings reach and spread its benefits among the students

No. of attendees: 142

Images drive Link:

https://drive.google.com/drive/folders/1jQ1SaAD_ohSXnF_57COKpbnEi5dkSKYj?usp=share_link





Event Name: Career Opportunities after Engineering

Event Venue: Online (G Meet)

Start Date of the event: 2nd October, 2022

End Date of the event: 2nd October, 2022

Aim of the event: The aim of organizing this webinar was to help people with what all they can do after their Engineering is done. Placement related queries were sorted. Help them with Job opportunities, Internship Opportunities and Best Job destinations.

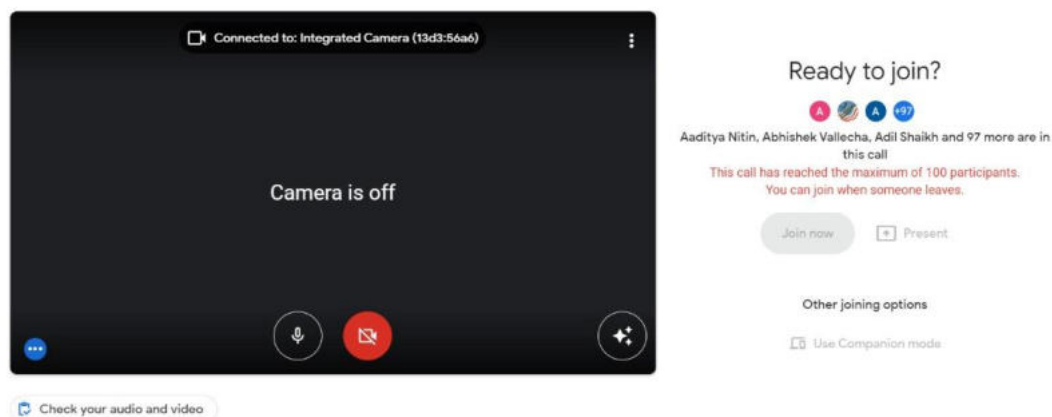
Groundwork and Flow of event:

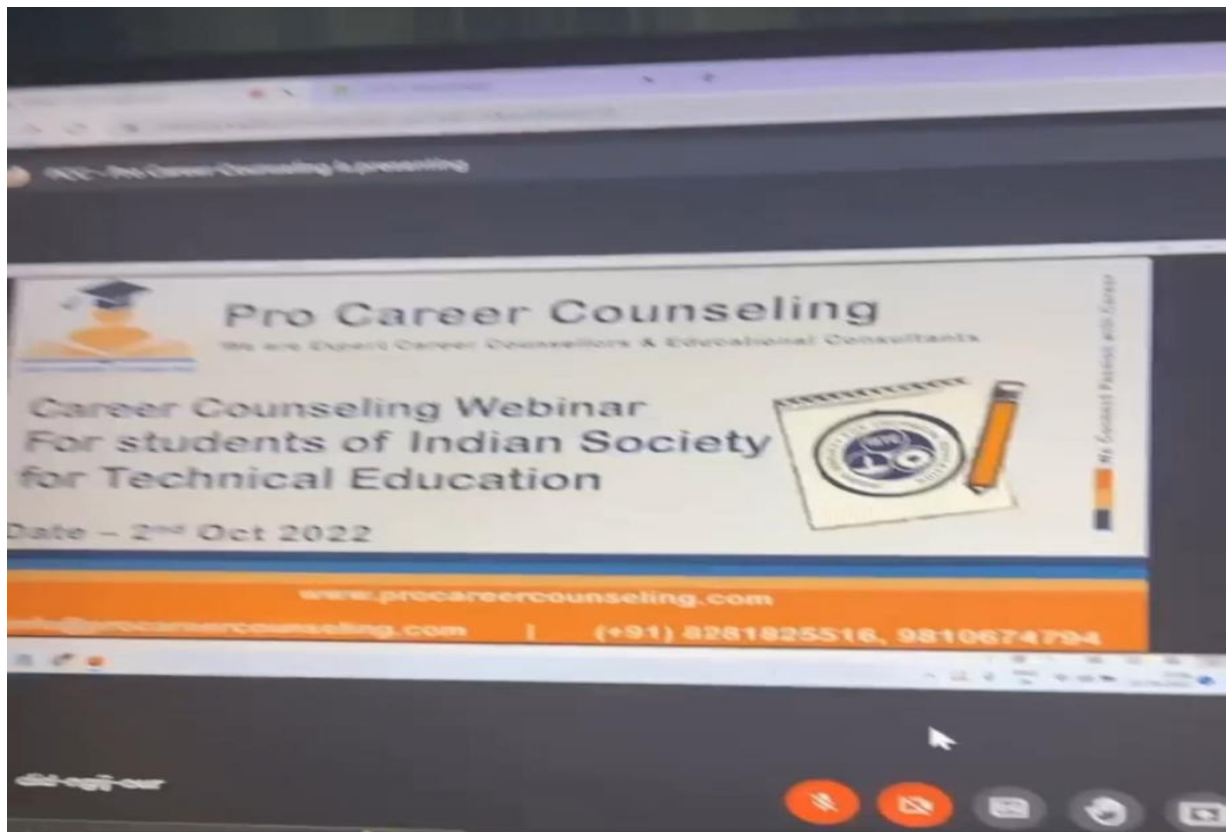
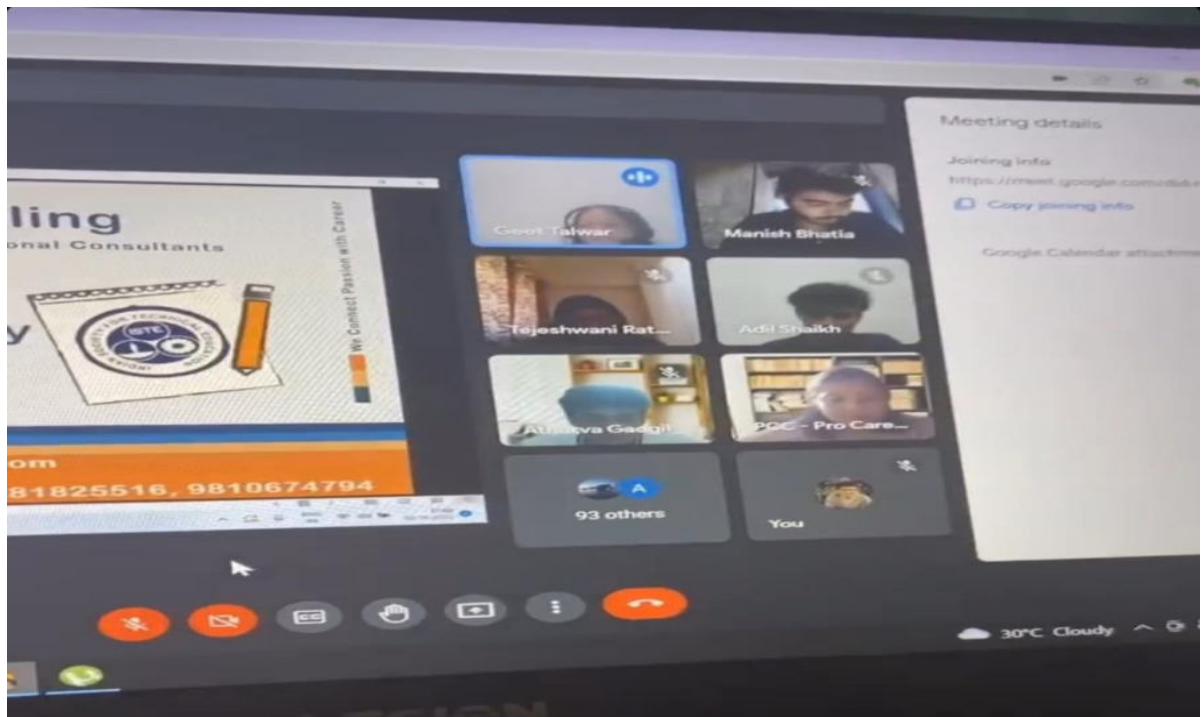
We as a committee wanted to conduct an event which would be helpful as well as help students explore their interest from the best guides. We circulated our event messages on every branch group and organized an online “Google Meet” for students which helped them clear their doubts and know new things about the career.

No. of attendees: 149

Images drive Link:

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Event Name: Calculator Workshop

Event Venue: NB Seminar Hall

Start Date of the event: 21 December, 2022

End Date of the event: 21 December, 2022

Aim of the event: The basic aim was to help the new students (FE and SE) with how they can use the calculator and how it makes the calculations easy.

Groundwork and Flow of event:

Our committee conducts calculator workshop for students from the first year of our college to give them an in-depth knowledge about the calculators. We first instructed our technical team to create google forms and then we circulated the google form link amongst the FE whatsapp groups all over the branches. As the registrations filled in, our committee along with our committee mentors decided a date of execution of the event and it was conducted in NB seminar hall. Students had come in the event according to the registrations. Our technical heads had taken the workshop and solved queries related to the scientific calculators. The event was a big success, students thoroughly enjoyed the workshop.

Impact Analysis:

As it was a scientific calculator workshop, our committee aimed first year students more as we knew freshers would definitely want to learn about the scientific calculator.

No. of attendees: 115

Images drive Link:

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Event Name: Ascent 2023

Event Venue: Lab 605 and 609

Start Date of the event: 25th March, 2023

End Date of the event: 25th March, 2023

Aim of the event: Aim was to organize a tech fest which is helpful for every branch present in the College. Hardware and Software based workshops were conducted. Blind code helps people work on their coding skills and makes them understand how coding can be done in any kind of environment.

Groundwork and Flow of event:

Ascent '23 is our committee's flagship event which organizes a tech fest which included

- 1) Blind coding
- 2) Linux workshop
- 3) Matlab Workshop

We first pitched our idea to our committee mentors after the approval we got all our event conducting rooms permission letters ready and approved. We then got our technical team to create google forms for registration. We approached our committee volunteer members as speakers and eventually on the day of event strategic workflow was followed. Students enjoyed the event and so did we as committee members.

Impact Analysis: Students from all the academic year got to know the inside out of the workshops, they got to learn the various functions of it and how to use it in real life applications.

No. of attendees: 70

Images drive Link:

https://drive.google.com/drive/folders/1a9j4yP1KTndgdWrlhHgTqJGQMVm99SVo?usp=share_link

1) Blind Code





2)Linux Workshop





3) Matlab Workshop



