Details of Collaborative Quality Initiatives with other Institutions

Sr. No.	File Description
1	Collaborative Quality Initiatives of Academic Year 2023 - 2024

Collaborative Quality Initiatives

of

A. Y. 2023 – 2024

List of Collaborative Quality Initiatives of Academic Year 2023 – 2024

Sr. No.	Title of Activity	Collaborating Institute
1	Automated Feature Extraction from High Resolution Images	Indian Institute of Remote Sensing, ISRO Dehardun
2	Geo DATA PROCESSING USING PYTHON	Indian Institute of Remote Sensing, ISRO Dehardun
3	CSI-Technext 2023	Computer Society of India (CSI)
4	CSI-Rubix 2024	Computer Society of India (CSI)
5	IETE TSEC - ELAN 23	Institution of Electronics and Telecommunication Engineers (IETE) Mumbai Chapter
6	IETE TSEC - OSCILLATION 24	Institution of Electronics and Telecommunication Engineers (IETE) Mumbai Chapter
7	IIChE-Chemergence-23	The Indian Institute of Chemical Engineers
8	ISTE-TSEC- Event	Indian Society for Technical Education (ISTE)
9	Google Developer Student Club Event	Google

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

सत्यमेव जयते

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

इसरो isro

COR20231302345

बहि : परिसर संपर्क / विस्तार कार्यक्रम प्रमाण पत्र

OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME

संस्थान की सहभागिता का प्रमाण पत्र
CERTIFICATE OF PARTICIPATION OF INSTITUTE

यह प्रमाणित किया जाता है कि **थडोमल शाहनी इंजीनियरिंग कॉलेज** ने भारतीय सुदूर संवेदन संस्थान, इसरो देहारादून द्वारा संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम **उच्च रिज़ॉल्यूशन छवियों से स्वचालित फ़ीचर निष्कर्षण** मे भाग लिया। इस ऑनलाइन पाठ्यक्रम का संचालन दिनांक 20 नवंबर, 2023 से 24 नवंबर, 2023 तक किया गया।

This is to certify that **Thadomal Shahani Engineering College**, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehardun on **Automated Feature Extraction from High Resolution Images**. This online programme was conducted during November 20, 2023 to November 24, 2023

दिनाँक/ Date: **18-12-2023**

देहरादून/ Dehradun

प्रमुख,
जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग
Head, Geoweb Services, IT & Distance Learning Department, IIRS

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Group Head, Geospatial Technologies & Outreach Programme Group, IIRS

सत्यमेव जयते

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

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ऑनलाइन दूरस्थ अधिगम कार्यक्रम

ONLINE DISTANCE LEARNING PROGRAMME

COR20231302345

समन्वय का प्रमाणपत्र

CERTIFICATE OF COORDINATION

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This is to certify that **DR. MANIROJA EDINBURGH**, working with **Thadomal Shahani Engineering College,** has coordinated the online training course on **Automated Feature Extraction from High Resolution Images** conducted by this institute during November 20, 2023 to November 24, 2023

दिनाँक/ Date: **18-12-2023**

देहरादून/ Dehradun

प्रमुख,
जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग
Head, Geoweb Services, IT & Distance Learning Department, IIRS

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समूह प्रमुख,
भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह
Group Head, Geospatial Technologies & Outreach Programme Group, IIRS

सत्यमेव जयते

भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING

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ऑनलाइन दूरस्थ अधिगम कार्यक्रम

ONLINE DISTANCE LEARNING PROGRAMME

COR20241332345

समन्वय का प्रमाणपत्र

CERTIFICATE OF COORDINATION

यह प्रमाणित किया जाता है कि **थडोमल शाहनी इंजीनियरिंग कॉलेज** कार्यरत **डॉ॰ मनीरोजा एडिनबर्ग**, ने **पायथन का उपयोग करके जियोडेटा प्रोसेसिंग** विषय पर इस संस्थान द्वारा दिनांक 2024-01-15 से 2024-01-19 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 **Geodata Processing using Python** conducted by this institute during January 15, 2024 to January 19, 2024

दिनाँक/ Date: **14-02-2024**

देहरादून/ Dehradun

प्रमुख,
जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग
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सत्यमेव जयते

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भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION

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बहि : परिसर संपर्क / विस्तार कार्यक्रम प्रमाण पत्र

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This is to certify that **Thadomal Shahani Engineering College**, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehardun on **Geodata Processing using Python**. This online programme was conducted during January 15, 2024 to January 19, 2024

दिनाँक/ Date: **14-02-2024**

देहरादून/ Dehradun

प्रमुख,
जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग
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अंतरिक्ष विभाग /DEPARTMENT OF SPACE
भारत सरकार/GOVERNMENT OF INDIA
भारतीय अंतरिक्ष अनुसंधान संगठन /INDIAN SPACE RESEARCH ORGANISATION
भारतीय सुदूर संवेदन संस्थान, देहरादून / INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

नामांकन सं. / Enrolment No. : 20241332336737

CERTIFICATE OF ATTENDANCE
ONLINE COURSE

यह प्रमाणपत्र

MR. ABDULLAH BOOTWALA

को **" पायथन का उपयोग करके जियोडेटा प्रोसेसिंग "**

में ऑनलाइन पाठ्यक्रम पूर्ण करने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन **2024-01-15 से 2024-01-19 (कुल पाठ्यक्रम की अवधि = 7 घंटे 30 मिनट)** के दौरान किया गया।

(संबन्धित आई.आई.आर.एस नोडल केंद्र- थडोमल शाहनी इंजीनियरिंग कॉलेज)

THIS CERTIFICATE IS

AWARDED TO

MR. ABDULLAH BOOTWALA

ON COMPLETION OF THE ONLINE COURSE ON

"Geodata Processing using Python"

THIS ONLINE COURSE WAS CONDUCTED DURING **15 January 2024 to 19 January 2024** (Total course duration = 7 hrs & 30 minutes).

(Concerned IIRS Nodal Centre- **Thadomal Shahani Engineering College)**

Attendance: **100 %**

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

Date: **14-02-2024**
Place: Dehradun

समन्वयक, विश्वविद्यालय/संस्थान
Coordinator, University/ Institution

निदेशक/ Director
आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

UID- 212cf522cf64cf0426d9c010c0fb2fd8 .This Certificate can be validated using URL- https://certificate.iirs.gov.in

Computer Society of India

Mumbai Chapter – TSEC Student Branch

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

Date: 8th October, 2023

TechNext'23 organized by Computer Society of India – TSEC

TechNext'23 organized by Computer Society of India – TSEC. CSI- TSEC organized their flagship event TechNext'23 on September 1st , 2023 - September 2nd 2023. 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 sub-events on each day, the details are mentioned below.

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DAY 1:

Day 1 (September 1st,2023)

Event Name – Minithon Time- 9:00 AM – 15:00 PM

Number of participant teams – 50

Number of participants in each team- 3-4 participants per team.

Judges – Dr.Anil Chhangani	Dr.Arti Deshpande	Dr.Arun Kulkarni
Dr.Gopal Pardesi	Dr.Himani Deshpande	Dr.Kumkum Saxena
Dr.Seema Kolkur	Dr.Shachi Natu	Dr.Shilpa Verma
Dr. Tanuja Sarode	Prof. Vijaya P	Prof. Aejaz Khan
Prof. Sanobar Shaikh	Prof. Sonal Shroff	Prof. Vaishali Suryavanshi
Prof. Reshma Malik	Prof. Anagha D	Prof. Nagveni H
Prof. Meenu Bhatia	Prof. Navin Vaswani	Prof.Saloni Dhuru
Prof. Shilpa Ingoley	Prof. Nabanita M	Prof. Parul Jain
Prof. Juhi Janjua	Prof. Darakhshan Khan	Prof. Sakshi Surve
Prof. Sanjay Pandey	Prof. Chetan Agarwal	Prof. Sonali Jadhav

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Computer Society of India

Mumbai Chapter – TSEC Student Branch

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Day 1:

The Computer Society of India - TSEC organized Minithon on the first day of

TECHNEXT'23, September 1st, 2023 at 9:00 AM. The registration fee for this event was Rs. 100. There were 50 registrations for the event from around the city. The participants were asked to upload their GitHub link for fair judging.

Minithon was a front-end only hackathon where the students had to create the front end of the website, given in the problem statements, from scratch.

Duration: 3 hrs

Internal Judging Round:

Teachers from the college judged the projects made by the students. This was the elimination round. Top 10 teams were shortlisted from this round for the external judging round.

External Judging Round:

3 External Judges were invited to finally select the winners from the top 10 shortlisted teams.

Khushboo Singh: UI/UX Designer @Jio

Harsh Navani: Frontend Dev @QuickSell

Urvashi Chauhan:Salesforce & Vlocity Developer at Deloitte USI

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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- Team Pixel Prodigies (DJ Sanghvi SE)

Ansh Shah

Anay Narayanan

Divyansh Modi

Ankit Dand

First Runner up- Team Flexboys (TSEC SE EXTC)

Sarvesh Parab

Salman Qureshi

Lakshya Sharma

Sumit Pandey

Second Runner up- Team AZTEC (TSEC TE Comps)

Mohib Abbas

Sayed Hamza

Parth Puranik

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Event Name – Beg Borrow Steal

Time- 16:00 PM – 17:00 PM

Number of participant teams – 32

Number of participants in each team- 3 participants per team

The Computer Society of India - TSEC organized Beg Borow Steal on the first day of TECHNEXT'23, September 1st, 2023 at 16:00 PM. The registration fee for this event was Rs.50. This was a fun event where the participants had to collect various items from the list of items provided. The items were divided into 3 categories- Easy, medium and hard and accordingly points were given.
Top 3 teams with the highest points were selected.

Duration: 1 hr

The prizes were Winner Prize- Rs. 2,000, First Runner up - Rs. 1,000, Second Runner up - Rs. 500

The Winners were as follows:

Winner- Team 33.33% (TSEC TE Comps)
Vivaan Mansukhani
Varun Jajoo
Jay Lulia

First Runner up- Team La Square (TSEC SE EXTC)
Ananya Yadav
Aakruti Yadav
Laxmi Pujari

Second Runner up- Team Jay Bhadrakali (TSEC SE IT)
Mohit Dangwani
Sanskruti Adap
Aryan Goplani

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Some Glimpses from the Event:

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DAY 2:
September 2nd, 2023

Event Name – Escape Room Time-

11:00 AM – 16:00 PM

Number of participant teams - 40 teams

Number of participants in each team- 3 participants per team.

The Computer Society of India - TSEC organized Escape Room on the second day of TECHNEXT'23, September 2nd, 2023 at 11:00 AM. The Event had a registration fees of Rs.75 per team. There were 40 registrations for the event from around the city.

The event consisted of 3 rounds:

For the first round – Foyer, Student LoungeSet of
20 teams will go to play one by one
Two types of games will be played in this round- Track game and flip-tac-toe.Points will be given to the teams based on their performance
Reporting Time: 11 am
Starting Time: 12 pm
Duration:1hr +5/10mins

For the second round- 8 teams in 2 rooms (305,404)Set of
4 teams at a time in a room
Each room will have 5 cycles containing 4 teams at a time
Points will be given to the teams based on how many clues have they solved.

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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 thefurther rounds.
7. If the team members do not abide by the rules, the committee will have the rightto disqualify the team. The decision of promoting the teams to further rounds will be taken by the committee only

Questions:

1st clue:
XOR/OR/AND/NOT (use all 3 gates and create a circuit) which will give a 6 digit binarynumber. convert the binary number to decimal to unlock the phone

2nd clue:
Phone will have a riddle written in german which indicates headphones.

3rd clue:
We will give them cyberpunk's official audio clip just the sound track basically. From that they should guess that the answer is cyberpunk. And in the room multiple pictures ofcyberpunk will be added and props related to cyberpunk so they will have to search through every cyberpunk related thing and find their next clue.

4th clue:
Paulina discovered a mysterious map in the attic.
Once unfolded, the map revealed a hidden island paradise. On the island, she found exotic animals and lush vegetation.Journeying further, she encountered a friendly local tribe.
Adventures ensued as they explored together, forging lifelong friendships.Ans: POOJA (First letter of each sentence)

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Morse code
"I'm Microsoft's special child. Love me or hate me, I'm calling the shots for manycomputers you know. I often get updates. What am I?" Answer is Windows.

Line 1) .. .-..-. -- / -- .. -.-. .-. --- ... --- ..-. - .-..-. ... / ... .--. . -.-. .. .- .-.. / -.-.....-.. -.. .-.-
.-

Line 2) .-.. --- ...- . / -- . / --- .-. /.....- - . / -- . (not necessary)

Line 3) .. .-..-. -- / -.-. .- .-.. .-.. .. -. --. / - .... . / ... . --- - ... / ..-. --- .-. / -- .- -. -.-- / -.-. --- -
- .--. ..- - . .-. ... / -.-- --- ..- / -.- -. --- .—

Line 4) .. / --- ..-. - . -. / --. . - / ..- .--. -.. .- - . ...

Line 5) .-- .... .- - / .- -- / .. ..--..

what is the minimum number, if we divide it with 1-10 the remainder becomes 0
Answer-2520

CLUE:-
On the wall, a list in sight, Codes in
ASCII, shining bright.
Crack the message, simple chore,Letters
hide behind each score.

89 79 85 32 87 73 76 76 32 70 73 78 68 32 84 72 69 32 67 76 85 69 32 79 78 32 84 65 66
76 69 32 51 52

(YOU WILL FIND THE CLUE ON TABLE 34)

Dr. G. T. Thampi
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The prizes were Winner Prize- Rs. 3,000, First Runner up - Rs. 2,000, Second Runner up - Rs. 1,000

The Winners were as follows:

Winner- Team Clueless (TSEC SE Comps)
Dhruv mehta
Fahed Khan
Afjan Jamadar

First Runner up- Team 33.33% (Tsec TE Comps)
Vivaan Mansukhani
Varun Jajoo
Jay Lulia

Second Runner up- Team Sab Chalega (Tsec TE Comps)
Sajid khan
Karan Paste
Rishi Kevalya

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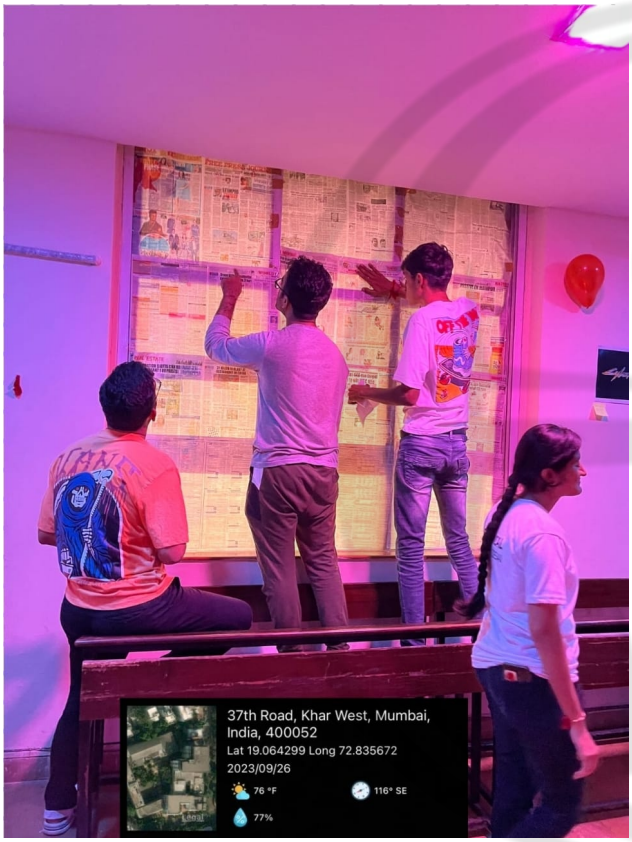
Some Glimpses of the Event:



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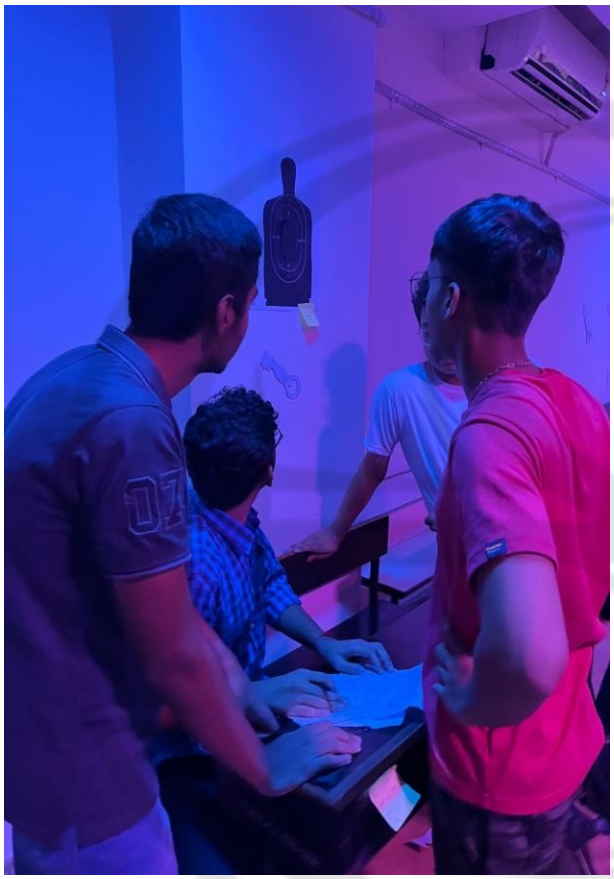

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Rubix'24 organized by Computer Society of India – TSEC

The Computer Society of India - TSEC organized their flagship event Rubix'24, a 48hr Online Hackathon from January 17th 2024 – January 20th 2024. This 48 hour hackathon had participation from various colleges, with 59 teams and 236 participants. The event focused on presenting a solution on domains provided by the organizing committee.

About the event:

- Mode of conduct : Microsoft Teams, Google Meets and Discord
- Team Size: 3 to 4 members
- Participation Fees: Free

More details: https://csitsec.in/

TIMELINE FOR RUBIX'23:

1) 17th January: Problem statement released at midnight.

2) 17th January: Inauguration ceremony at 10:00 am.

(MS Teams link provided in the morning)

3) 18th January: Mentoring Session from 11:00 am.

4) 19th January: Internal Judging Round from 11:00 am

5) 19th January: Qualified teams' list out at 7 pm.

6) 20th January: Final Judging round in TSEC's Seminar Hall

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EXTERNAL JUDGES FOR THE RUBIX'24 HACKATHON:

1. Dr. Suresh Shan (Chairman - CSI Mumbai)
2. Kiran Shenvi (Lead Data Architect - KPMG India)
3. Shaurya Kuchhal (Founder and CEO- UpSolve, Zaiko)
4. Pranesh Bhavnani (Consultant- BFSI Group, FP&A BA Team Mumbai)
5. Milan Chandiramani (ML Engineer- TCS)

DOMAINS:

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

Problem Statements: Some of the Problem Statements were as follows-

1) Mentor Prep, a platform dedicated to providing personalized mentorship programs for students, aims to unlock their full potential in academic and career development. However, the current system faces certain challenges and limitations that hinder its effectiveness. The goal of this hackathon is to address these issues and enhance Mentor Prep to offer a more seamless and comprehensive experience for mentors, mentees, and administrators.

2) In the digital age, consumers face various challenges when dealing with product or service-related issues. This hackathon aims to develop a Consumer Complaint Solution System that empowers consumers to efficiently register and resolve complaints, fostering trust and accountability in the marketplace. Consumers often encounter difficulties in addressing product defects, service discrepancies, or unfair practices by businesses. This problem statement seeks innovative solutions to streamline the consumer complaint resolution process, ensuring a fair and responsive mechanism.

3) Design platforms or initiatives that bridge the gap between individuals with disabilities and job opportunities, fostering inclusive hiring practices and ensuring workplace accommodations. Recognizing the challenges faced by this demographic in accessing suitable employment, the goal is to create an ecosystem that not only facilitates job matching but also provides a supportive environment for career growth.

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TOP 13 SHORTLISTED TEAMS:

1.IterativeBytes:
Mihir Panchal
Yaksh Darji
Saniyaa Shetty
Sujal Choudari

2.HackNoMinds
Kundan Kumar
Harsh Shende

3.CodeOfDuty
Dhruv Mehta
Tanush Bidkar
Tanmay More
Sarthak Hinge

4.Ctrl + Alt +Defeat
Aryan Gurav
Harsh Chaudhari
Shivdatt Jangam
Ankush Yamkar

5.Aztech
Hamza Sayyed
Parth Puranik
Mohib Abbas Sayed
Ahmed Ansari

6.Omniscent
Sumeet Maurya
Tejas Gotavade
Dhiraj Sahu
Akshay Pawar

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7.Recursives-
Vishesh Gatha
Kresha Mehta
Pankhudi Jaiswal
Pankaj Jaiswal

8.MingW69
Stephen Vaz
Jash Doshi
Abhigyan Bafna
Om Avhad

9.Access Denied
Varun Jajoo
Shreyans Jain
Rishabh Mandal
Ritojnan

10.Printf()
Jitesh Gogia
Zeeshan Hyder Sayed
Shreya Bhatia

11.MingW86
Sachin Jangid
Suraj Chavan
Siddhesh Shetty
Jugal Ghia

12.COC
Sarah Khan
Amisha Shahi
Altaf Alam
Mohit

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13.Team Jett
Pranav Patil
Shashank Gupta
Shaunak Rananaware
Anas Khan

PRIZE DISTRIBUTION:
1. Winner Prize Rs. 25,000
2. First Runner up - Rs. 15,000
3. Second Runner up - Rs. 10,000
All the participants got Participation Certificates

WINNERS:
First Place: Team Recursives (TSEC TE AI&DS)
-Vishesh Gatha
-Kresha Mehta
-Pankhudi Jaiswal
-Pankaj Jaiswal

First Runner up- Team Access Denied (TSEC TE COMPS)
-Varun Jajoo
-Shreyans Jain
-Rishabh Mandal
- Ritojnan

Second Runner up- Team COC (TSEC TE IT)
-Sarah Khan
-Amisha Shahi
-Altaf Alam
-Mohit

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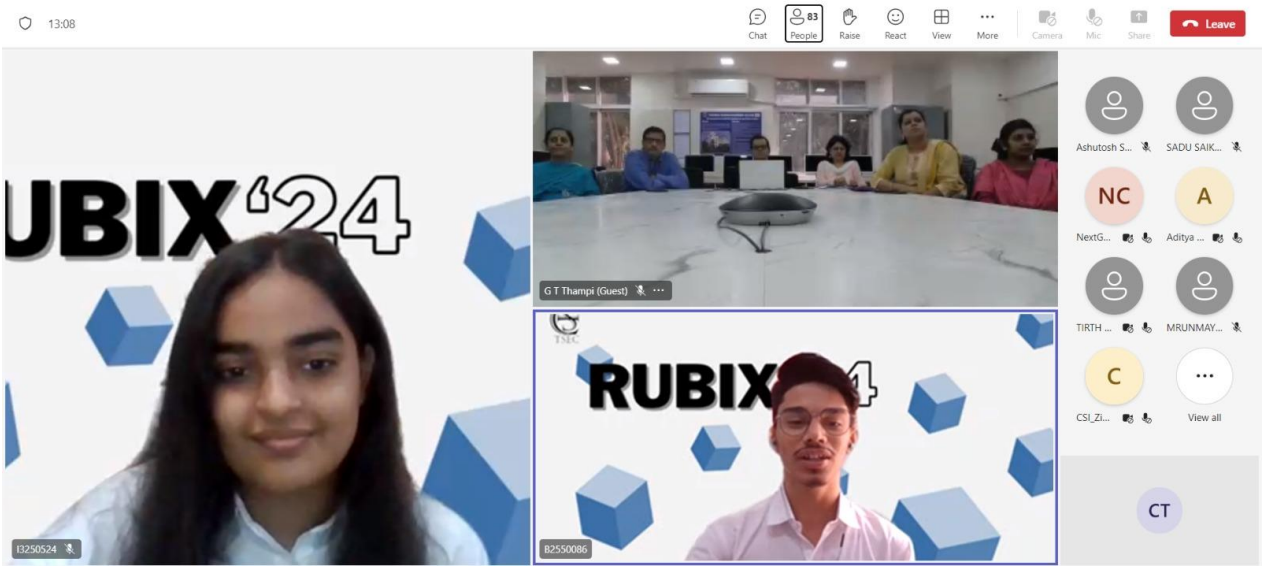
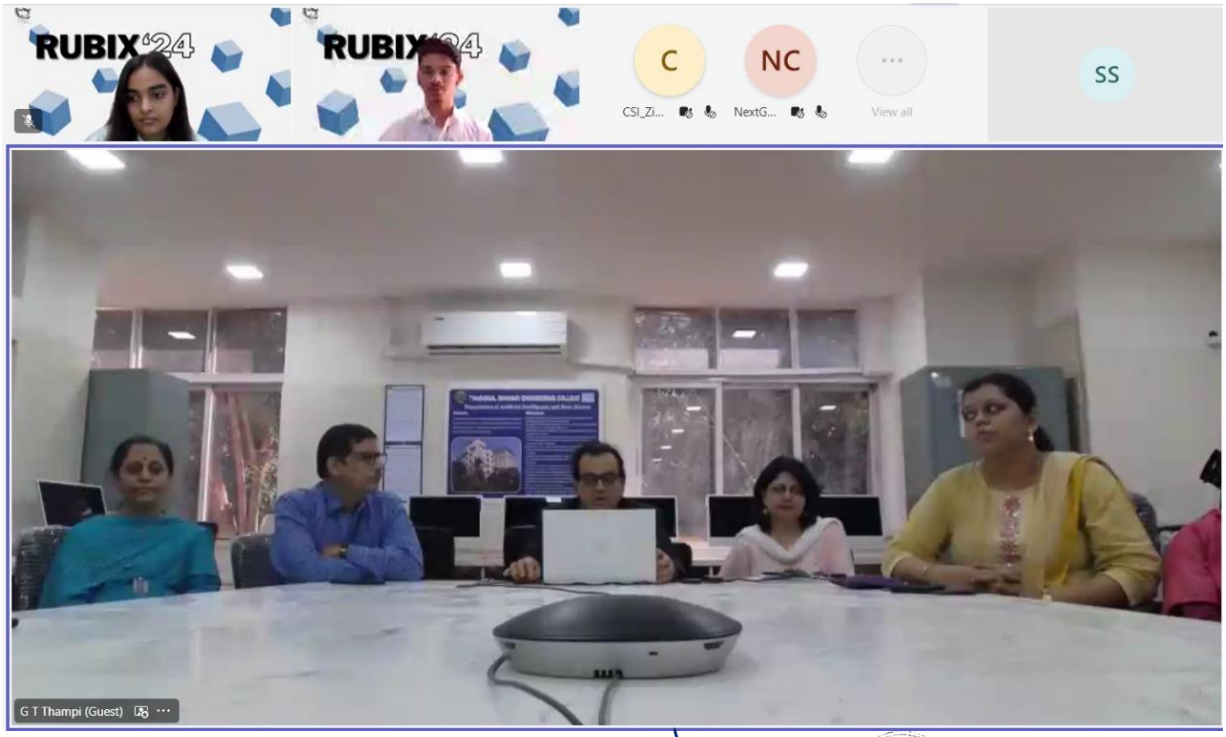
PHOTOS:

INAUGRATION:





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JURY FELICITATION:

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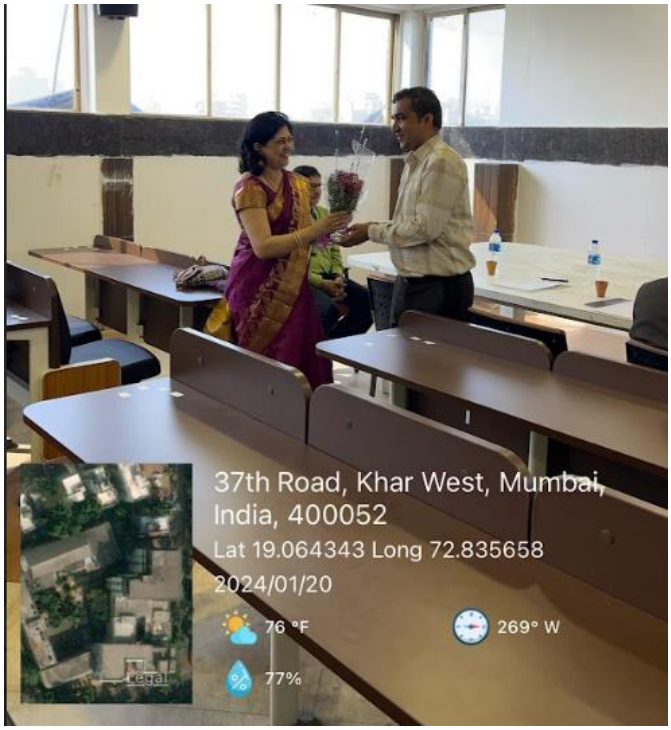

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TEAMS PRESENTATION:

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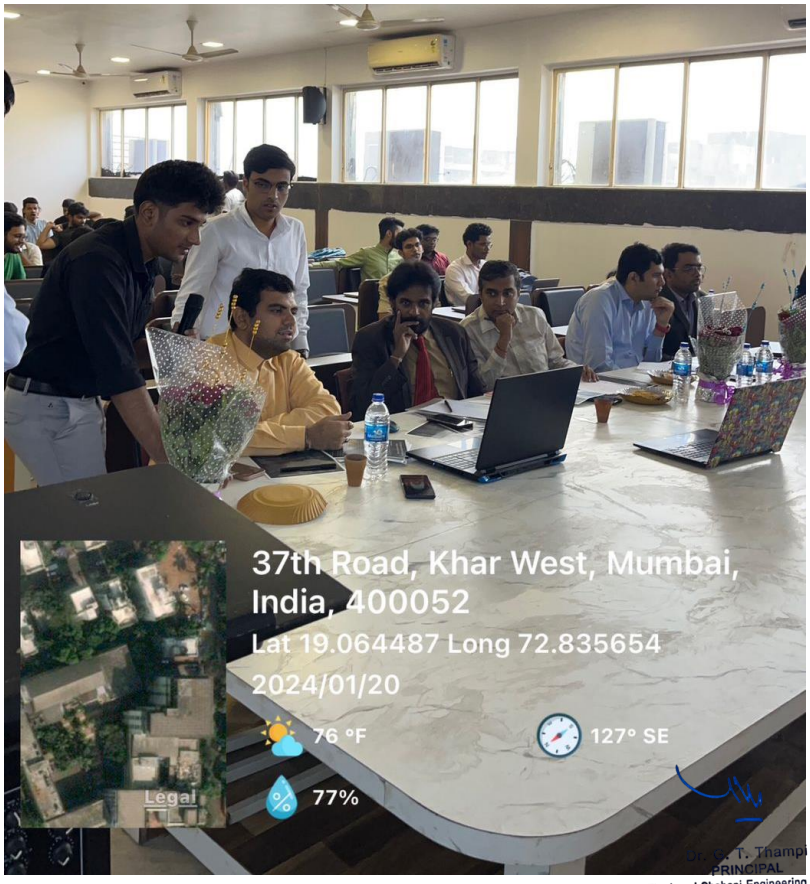

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RESULTS DECLARATION:

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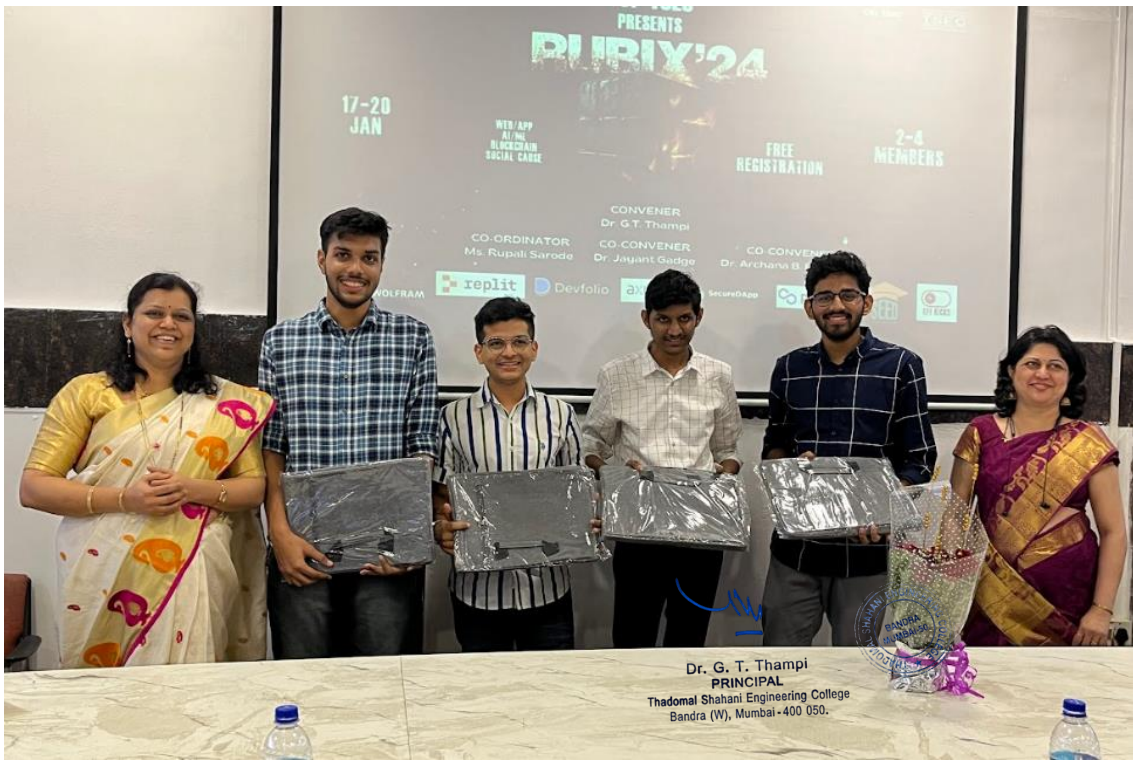

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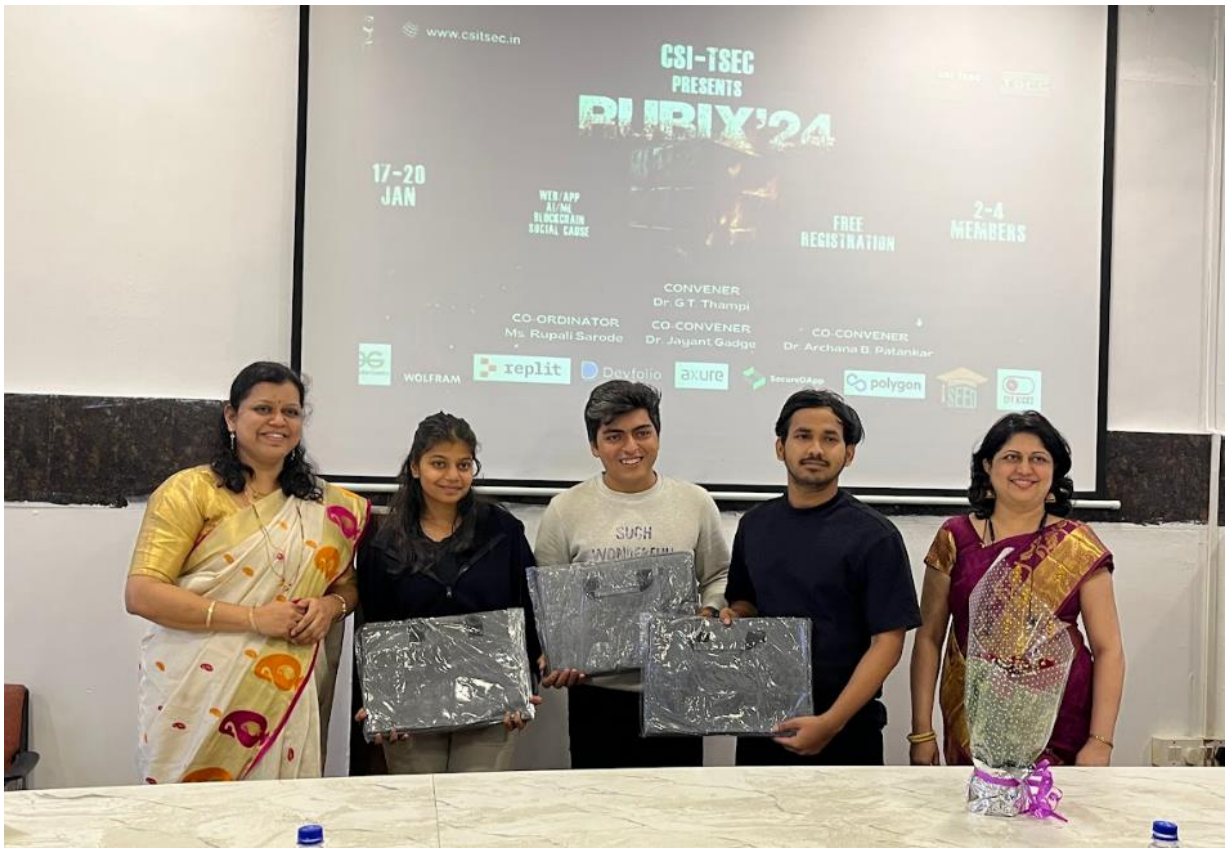

CLOSING CEREMONY:

Computer Society of India

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EVENT REPORT

Elan 2023

The Institution of Electronics and Telecommunication Engineers of TSEC (IETE – TSEC) held its annual odd semester fest, 'Elan' with a lot zeal from 6th – 8th October, 2023. This year the fest comprised of various events and which combined technical and recreational activities. It helped students show their academic prowess and creative expression, while expanding their skillset and fostering a technical approach to fun activities and tasks. All the registration this year were done on our website in which google forms were integrated. We partnered up with various sponsors like Azorte, Hell, Holistic, etc for our events.

Official Banner of Elan '23 :

The schedule of the fest is given below :

Date	Time	Event
6th October, 2023	9.30 am	Opening Ceremony
6th October, 2023	10 am - 12 pm	Cybersecurity Workshop
6th October, 2023	7.30 pm	Online BGMI Tournament
7th October, 2023	9 am - 3 pm	Tricks of Trade
8th October, 2023	9 am - 3 pm	Inquizition 2.0

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1. Opening Ceremony

The fest began with the opening ceremony which was held in the foyer area, on 6th October at 9.30 am. It was attended by our esteemed Principal Dr. G. T. Thampi, our Branch Counsellor for IETE-TSEC – Dr Tanuja Sarode and other teachers from Computer Department. Dr G. T. Thampi and Dr. Tanuja Sarode were felicitated by a bouquet as a mark of respect and gratitude for their guidance and support in conducting our fest and motivating us throughout it to outperform ourselves. After this Sir gave an inspiring and informative speech highlighting the new advancements and fields in technology. He also talked about the need of healthy competitions, extracurricular activities, workshops, cutting-edge technologies and appreciated the efforts of IETE-TSEC for building such an environment in our college

This was followed by a speech from the Chairperson of IETE-TSEC, Mr. Ayush Singh describing the events scheduled for the fest, giving an approximation of the footfall for the same and thanking the teachers for their guidance in conducting these events

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

2. Cybersecurity and Ethical Hacking Workshop

Speaker : Jaden Furtado

Description :

Cybersecurity and Ethical Hacking workshop was conducted on 6th October at 10 am in the seminar hall by our own TSEC alumni, Mr. Jaden Furtado. This workshop helped students gain practical knowledge and skills in the field of digital security. Participants were asked to install Python3 and Docker on their laptops so they can get hands-on-experience with some of the concepts and working of those in cybersecurity. Jaden started the workshop giving brief introduction about the field and explained some basic concepts. Then he want to cover all the important points such as cyber threats, defensive strategies, network security, data encryption, etc. It helped students understand the importance of protecting digital assets and information. Overall the workshop was quite informative and interactive and helped those who wanted to familiarize themselves with this field.

Footfall :

We saw a whopping 100+ registrations in addition to some on-spot registrations for this event. Below is the list of participants :

Krish
Vaibhav Pai
Atharva Patil
Chaitanya Jhade
Siddhesh Todi
Shiwansh Singh
Shrestha Patel
Meet Ramrakhiani
Bhavesh Kukreja
Yuvraj Amesar
Anton George
Vedant Pal
Pranjal Rajaram Desai
Vinit Lunia
Nikhil Gurudasani
Gaurang Pitale
Jainam Jagani
Aditi Vyas
Sunil Mahesh Bhagat
Tanish Chaudhari

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Khushi Punjabi
Suhani Poptani
Vanshuman Yadav
Krish Tahilramani
Dhruv Mehta
Aditya Apandkar
Priyank Patil
Krish Bhatkar
Ayaan Shaikh
Dishan Sawant
Ritesh Yadav
Manas Verma
Mehek Lucknowala
Bhalchandra Rana
Vinayak Jaiswal
Tanish Sanjay Raigandhi
Santusht Matra
Alok
Shweta Sidhwani
Pranav Patil
Sanjana Thakur
Nikshita Karkera
Vaibhav Tarfe
Prasad Satpute
Ashish Kumar Rohilla
Rajgovind Rajpure
Aditya Ajay
Tarun Muthukumar Chettiar
Sohail Shaikh
Harsh Wadhwa
Dhananjay Yadav
Raj Vishwakarma
Harsh Talreja
Yash Pal
Jay Samberkar
Chaitanya Deshpande
Darshil Marathe
Mehak Mehta
Priya Sunariwal
Dhruvu Patel
Parth Shethia
Deep Kothari
Pratham mane
Tanish Chaudhari
Vaibhav Tarfe
Saee Nalawade
Kavya Chetwani
Tejashwini Gowda
Nitya Singh

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Siddhi Sushir
Parthavi Gaikwad
Dev Patel
Naveen Pandey
Mahima Varna
Jorden Mathew
Sarthak
Devang Naik
Neha Thadani
Mehta Rishi Naresh
Tanishka Chavan
Mamta Gupta
Pranav Patil
Archie Shah
Roshan Gupta
Gaurang Kini
Parikshit Takate
Akash Pandey
Akshat jain
Gouri Tibdewal
Samarth Shanbhag
Rugved Mairal
Aneri Shah
Vedant Shinde
Krishna Mitra
Shrestha Patel
Mahek Punjabi
Purab Dansingani
Mohit Gangwani
Yash Gurnani

Stills from the event :

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Official Poster for the event :

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3. BGMI Tournament

Description :

BGMI tournament, an esports event was conducted online on 6th October at 7:30 pm. This was a team event with each team comprising of 3-4 members. Three rounds were conducted for this tournament and the teams with the highest score after those were declared as winners. Esport events foster teamwork and collaboration, promoting effective communication and coordination within a competitive environment which is crucial in many professional settings. It also helped participants enhance their strategic thinking and problem-solving abilities .

Footfall :

21 teams registered for this event with each team having 3 members and all of them were in attendance for the event. Below is the list of participants :

Jainam Jagani
Satyam Patil
Sujal Jain
Chintan Sharma
Vivaan Mansukhani
Karan
Rajmeet Singh Lamba
Om
Divyaraj
Mohit Kinger
Vinay Tambe
Aniket More
Jorden
Aman Karlupia
Aryan Rajendra Dalvi
Sarthak Kesharwani
Pushkar Gandhi
Nihal Bhatia
Faiz Shaikh
Fenil
Anshul Parkar
Vedant Pal
Parth Raina
Varun Advani
Nilesh

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Devin Kundnani
Aryan
Divyaraj
Chinmay Bharani
ShakuniMama
Shubham Mhabadi
Shivam Singhal
Aarya
Danish
Dev Gyanchandani
Sarthak Kesharwani
Suraj Suradkar
Nihal Bhatia
Meet Shah
Harsh
Shivendra Patil
Aaditya Rai
Gaurav Advani
Dilip
Mihir Vijay Kumar
Kapil
Vibhav Raut
Raunak
Naman Mehta
Siddhanth
Danny
Aakash Dubey
Adee Singh
Atul Gaikwad
Nihal Bhatia
Sujal Vasuvan
Karan
Amin Solkar
Kiran Suthar
Arpit Sharma
Shaurya gandhi
Sanju
Akul Mahtre
Ayush
Pranay
Pravesh Kasliwal
Mayuresh more

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Pradyumna Mannur
Ameya
Abhinandan
Karandeep Singh
Prince Singh
Sujal Walekar
Nihal Bhatia
Dev
Raj

Official Poster for the event :

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Stills from the event :

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4. Tricks of Trade

Description :

Tricks of Trade was held on 7th October at 10 am in the seminar hall. This event was led by Mr. Abhigyan Bafna. It was a simulation of a highly simplified but real stock market environment, where we made a virtual stock market system. This event helped students to experience the environment of a real stock market and put their analytical and strategic skills to test.

There were five rounds in this event each of 20 mins, where the podium was open for trading (buy / sell). In the initial round, the participants were given 12 lakhs of virtual cash and 3 lakhs of shares of any five stocks. They had to trade with 12 stocks from the Indian Stock Market displayed on the board. Each team could initiate trade for a maximum of three times per round, and after the completion of every round the net fluctuation was calculated and updated price of each stock was displayed on the board. Participants with the highest amount of money and assets after 5 rounds were declared winners.

Footfall :

20 teams registered for the event each comprising of 2-3 members. All the teams that registered came to attend the event, and hence it was quite successful. Below is the list of participants :

Mihir Patil
Harsh Kadam
Pratham Bhandari
Hemant Jadhav
Mitul Uttamani
Dev Khatanhar
Ritik Mandal
Aditya Apandkar
Vansh Dengani
Bharathram Srinivasan
Chinmay Bharani
Dhruv Mehta
Nikhil Gurudasani
Yash Wavdankar
Alphonz George
Uday Natthani
Deev
Nihal Bhatia
Thomas

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Satyam Patil
Meet Kadam
Sagnik Tarafdar
Mohit Pahuja
Yash Pal
Krish Manghani
Atharva Dhamne
Soham Bhangale
Krishna Mitra
Atharva Patil
Sohum Sadhwani
Sandesh Gund
Soham Das
Hriday
Rajgovind Rajpure
Rishav Gupta
Siddhant Kumbhar
Sakshi Dayani
Hriday Nichani
Yatish Shah
Heramb Vengurlekar
Hemant Jadhav
Shiwansh Singh
Anirudh Acharya
Krish Otwani
Kedar Karbele
Dhruv Parlekar
Souma Chakraborty
Sarvesh Shukla
Yogesh Sadhwani
Nikhil Gurudasani
Shreyansh Warde
Tanisha
Mihir Chotrani
Vibhav Raut
Sarvesh Shukla
Nishit Wadhwani
Mannat Tejwani

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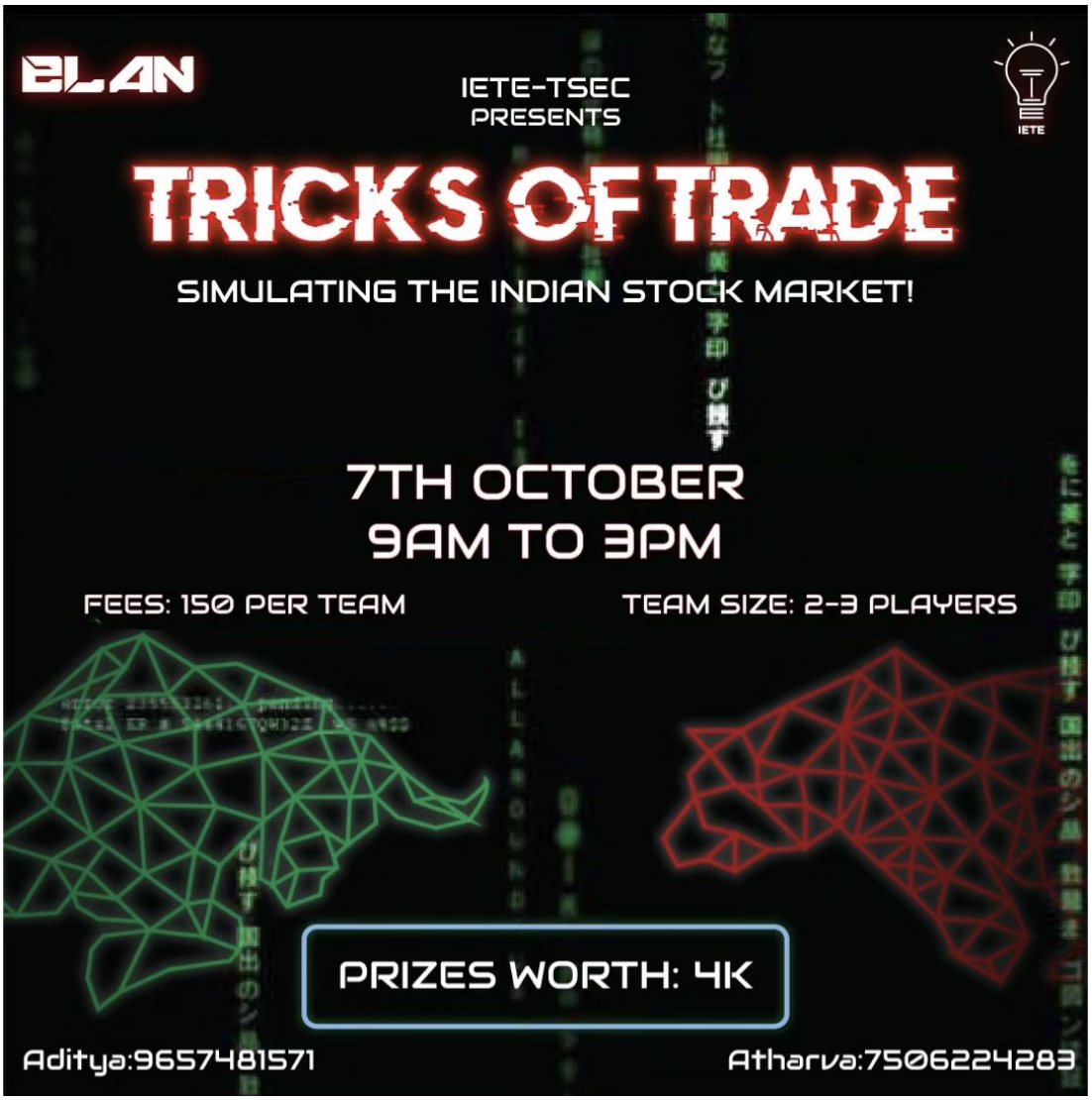
Official Poster for the event :



Stills from the event :

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5. INQUIZITION 2.0

Description :

Inquiziton 2.0, a quiz competition, was conducted on 8th October, 2023 from 10 am. This event was led by Ms. Shreya Kamath. This event tested the technical and general knowledge of the students through various questions of different categories. It helped them expand their knowledge and also have fun simultaneously through various activities and games.

This event was held over 4 rounds, each of 25-30 minutes. The first round was a crossword-themed round, second was a buzzer round. In the initial three rounds the participants had to collect points by answering the questions correctly and performing several activities. Points collected by the participants were utilized in the last round which was a monopoly themed round where questions were asked to each team testing their technical and general knowledge. If the team answers correctly then they would get a chance to play and buy properties using the points they collected in the first three rounds.

Footfall :

Inquizition 2.0 was quite successful as 20 teams had attended this event, each of 2 -3 members. Below is the list of participants :

Mounika Jindam
Dhruv Mehta
Gaurav Panjabi
Chinmay Kale
Mihir Patil
Bhavik Fulkar
Aditya Apandkar
Moulik Jindal
Mrunal Turalkar
Harsh Bhatia
Dev Gyanchandani
Purse Balani
Vaishnavi More
Nihal Bhatia
DEVIKA GHADI
Sakshi Dayani
Sannit Arekar
Shiwansh Singh
Krishna Khadke
Fahed Khan
Sahil Khatri

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Arya Joshi
Advait Nair
Soham Sadhwani
Atharva Dhamne
Madhav R Babu
Pranav Malpani
Manas Thadani
Kritika Agrawal
Moheet Dialani
Sharanya Sharma
Arpit Mishra
Tisha Gogoi
Mannat Tejwani
Krishna Mitra
Anurag Singh
Ved Jaiswal
Chinmay Tullu
Hiten Gerella
Kaarmukilan B
Vedant Patil
Yogesh Sadhwani
Kedar Karbele
Aditya Neeraje
Prasham Satra
Nishit Wadhwani
Krishna Chaurasiya
Ritik Nainani
Urvi Purohit
Amitt Pandey
Hitesh Bhatia
Anurag Gaokar
Aryan Pathak

Dr. G. T. Thampi
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Official Poster for the event :

Stills from the event :

Team IETE – TSEC

As a whole, Elan 2023 was a huge success and all the events received good response from the students. It was only possible due to the combined efforts of the junior and senior committee members. All members worked hard to conduct the events in the fest.

Conclusion :

The team if IETE – TSEC is proud to announce that it's first fest for the academic year 2023-2024, Elan was a huge success with a footfall of over 200+ participants.

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EVENT REPORT

Oscillation 2024

The Institution of Electronics and Telecommunication Engineers of TSEC (IETE – TSEC) held its annual even semester fest, 'Oscillation 2024' with a lot of zeal from 23rd – 24th February 2024. This year the fest comprised various events and that combined technical and recreational activities. It helped students show their academic prowess and creative expression while expanding their skills and fostering a technical approach to fun activities and tasks. All the registrations this year were done on our website. We partnered up with various sponsors like GeeksforGeeks, Hell, Growth School, etc for our events.

Official Banner of Oscillation '24 :

The schedule of the fest is given below :

Date	Time	Event
23rd February, 2024	11 am	Opening Ceremony
23rd February, 2024	8 am - 3 pm	Newbiethon
23rd February, 2024	12 pm – 4 pm	IPL Auction
24th February, 2024	9 am - 3 pm	Dial M for Murder

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1. Opening Ceremony

The fest began with the opening ceremony which was held in the foyer area, on 23rd February 2024 at 11 am. It was attended by our esteemed Principal Dr. G. T. Thampi, our Branch Counsellor for IETE-TSEC – Dr Tanuja Sarode, our Vice Principal Dr. Jayant Gadge, Dr. Mukesh Israni and other teachers from the Computer Department. Dr G. T. Thampi, Dr Jayant Gadge and Dr Mukesh Israni were felicitated by a bouquet from Dr Tanuja Sarode and our committee, as a mark of respect and gratitude.

The Principal gave an inspiring and informative speech highlighting the new advancements and fields in technology. He also talked about the need for healthy competitions, extracurricular activities, workshops, and cutting-edge technologies and appreciated the efforts of IETE-TSEC in building such an environment in our college. He congratulated the committee and wished everyone their best, thus concluding the opening ceremony.

2. NEWBIETHON

Description :

Newbiethon was a 5-hour coding competition aimed at encouraging beginners to explore the world of coding and software development. It 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.

This competition 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.

Participants had to build projects which can solve or help in solving a range of real-life problems. Following is the list of problems/challenges that were given to the participants :

1. Eco Tracker :
   Build a website where users can calculate their ecological footprint (a measure of human impact on the environment), set and achieve weekly eco goals and educate themselves about environmental sustainability
2. Daily Meditation Tracker :
   Build a website where users can keep track of their daily medicine intake, view their medical history, post reminders, etc.
3. Traditional Indian Wellness Site :
   Build a website where users can get access to personalized diet and exercise plans, meditation timers, Ayurvedic home remedies, Yoga exercises, etc.
4. Stock Market Website :
   Create a website where users can view the major stocks, get informed about the stock market, calculate profit and loss and keep track of their trades.
5. Tourist Guide Website :
   Build a website where users can get information about different tourist destinations and their cultures, book slots/ tickets for a specific place, review tourist destinations, etc.
6. Cybersecurity Awareness Website :
   Create a website to educate users about different cyber threats, and provide resources to prevent cyberattacks.

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The teams were divided into two panels for the judging round. The judges for panel 1 were Ayush Singh, Huzefa Dohadwala and Aditya Apandkar while the judges for the second round were Abhigyan Bafna, Kedar Karbele and Nikshita Karkera. The top 10 teams selected proceeded to the final judging round. For the final round, the judges were Yash Dalvi, Sachin Jingad and Suraj Chavan.

The judges considered the following factors for evaluating the projects :

1. Functionality and Completeness
2. User Interface and Design
3. Content Quality
4. Responsiveness and Accessibility
5. Creativity and Originality
6. Technical Implementation
7. Team Collaboration and Presentation

Footfall:

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

Participants List:

Vinayak Mohanty
Satyam Patil
Udit Ahuja
Ankit Prasad
Jash Rashne
Rahul Dinkar Gavhar
Tanishk Dhope
Nishant Patil
Devansh Nair
Dhawal Abhonkar
Sanjana Thakur
Amin Solkar
Advait Nair
Devanshi Raut
Tanish Raigandhi
Vedang Kulkarni
Vinit Lunia
Aaryan Urunkar
Devika Ghadi
Tanvi Khadatkar
Tarun Chettiar

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Abhinandan Basotra
Juhi Deore
Vaibhav Sharma
Roohin Kukreja
Yeshvi Chandiramani
Kanishka Utagikar
Amey Sawant
Pratik Gupta
Pratik Biyani
Aaryan Pathak
Siddhesh Todi
Santusht Matra
Akanksha Agrawal
Aayush Sharma
Aditya Nair
Anchal Santani
Atharva Patil
Siddhant Pandey
Aryan Dalvi
Aaryan Mantri
Tanishka Chavan
Ashmit Singh Rawat
Srinath Chettiar
Purab Balani
Shreya Malwade
Yanshuman Yadav
Hriday Nichani
Karan choudhary
Sudeep Samarth
Manas Verma
Arnav Das
Sanskar Gambhir
Siddhi Sushir
Ritesh Yadav
Sahil Mangtani
Aayushi Bhatam
Faraaz Shaikh
Vedant Raje

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JAYITA SADANI
Omkar Raut
Amogh Kalyanpur
Dhruv Jain
Oren Coelho
Durvesh Gawde
Deepmalika Das
Nitesh domal
Kavya Chetwani

Stills from the event :

Dr. G. T. [illegible]pi
PRINCIPAL
Thadomal Shahani Engineering College
Bandra (W), Mumbai - 400 050.

Official Poster for the event :

Dr. G. T. Thampi
PRINCIPAL
Thadomal Shahani Engineering College
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2. IPL Auction

Description :

The IPL Auction competition held on 23rd February 2024 from 12 pm to 4 pm was an exciting event that involved the use of advanced data analytics and strategic 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 mathematical 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 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 participated which amounted to 30 participants

Stills from the event :

Official Poster for the event :

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3. Dial M for Murder

Description :

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

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. 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:

A total of 30 teams participated with each team consisting of 3 members.

List of participants :

Gohar Syed
Nishit Wadhwani
Sahil Gehani
Soham Sadhwani
Hardik Dodani
Rupsana Khatun
Niyati Savant
Purab Balani
Fareeha Shaikh
Dhruv Mehta
Dhawal Abhonkar
Santusht Matra
Siddhima De
Aditya Apandkar

Drish Chhabria
Satyam Patil
Kavya Chetwani
Aryav Jain
Ayesha Nagdawala
Vivaan Mansukhani
Roma Motwani
Karan Tulsani
Shreya Chawale
Harsh Mishra
Sudhanshu Pandey
Isha Bamne
Devanshu Kadam
Devansh Motwani
Ria Rochwani
Kashish Dodeja
Vanshika kaurani
Piyush Makhija
Tarannum Harisinganey
Bhavik Fulkar
Dhruv parlekar
Laxmi Pujari
Kaveri Solat
Pratyush Jhamb
Eshaa Nayak
Vishal Mishra
Tarun Chettiar
Yash Mihani
Simar Chawla
Kedar Karbele
Suchit Jagiasi
Roohin Kukreja
Hiten Israni
Shuban Borkar
Anas Khan
Jay lulia
nathan suares
Param Badlani
Hriday Jain
Sakshi Vaidya
Vaishnavi Nagwekar

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Prerna Samtani
Krishna Mitra
Mohit Kinger
Nikhil Gurudasani
Anshika Ubrani
Sahil Gurnani
Trisha Nadar
Rohan Advani
Yogesh Sadhwani
Vansh Dengani
Shruti Deore
Soweda Kasim
Vihaan koul
Kannya Sambhari
Tanmay Sarode
Krishna Daryani
Sahil Mangtani
Krishna Raheja
Atharva Dhamne
Mehul Rupchandani
Hriday Nichani
Dishita Das
Harsh Kadam
Diptanshu Mishra
Varun Jajoo
ritojnan mukherjee
Siddhesh Todi
Deep Chavan
Pratham Patil
Ritika Shetty
Diksha Chhajed
Harshi Lodha
Devesh Mamtani
Manas Thadani

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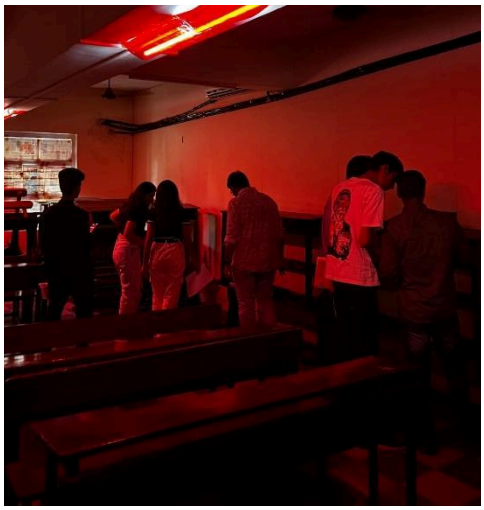
Stills from the event :



Official Poster for the event :

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Team IETE – TSEC

As a whole, Oscillation 2024 was a huge success and all the events received good response from the students. It was only possible due to the combined efforts of the junior and senior committee members. All members worked hard to conduct the events in the fest.

Conclusion:

The fest was officially the last fest of the tenure 2023-24 and all Scoms and Jcoms worked hard in a strong unit to help organize it. Therefore, Oscillation'24 was a grand success with an overall footfall of around 200 participants which was inclusive of FEs, SEs, TEs and BEs from TSEC as well as from colleges from all over Mumbai!

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IIChE TSEC

Presents

ChEMERGENCE

2023

Unleashing Creativity, Catalysing Change

15th-16th September 2022

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Section 1
IIChE-TSEC

1.1 About IIChE-TSEC

One of IIChE's largest student chapters, IIChE-TSEC, is located at one of its largest regional centres, IIChE-MRC, or Mumbai Regional Centre. Its uniqueness as the only student body in TSEC dedicated solely to chemical engineers stands out among its many other advantages. The chapter for students focuses on instilling the philosophy of giving pupils real-world industry exposure through the academic ideas they are taught. We encourage excellence, personal development, and the sharing of pertinent information. The association aims to promote industry-student, university-student, and professional society collaboration. To keep up with the times, IIChE-TSEC, along with the Department of Chemical Engineering-TSEC, has adopted a ground-breaking strategy to support the demands of its students. Reputable speakers from the chemical engineering fraternity have recently given seminars that allow students to explore new areas. IIChE-TSEC has been a pioneer in recognising and identifying young talent, as seen by the activities it has put on and by the young people who have participated in them. An opportunity to compete with emerging talent is provided by the yearly technical symposium ChEMERGENCE. The activities offer a great way to connect academic understanding to its real-world applications in chemical engineering and related fields. We are committed to promoting public knowledge of technical challenges through ChEMERGENCE. Since its inception in 2006, ChEMERGENCE has grown by leaps and bounds to become one of the biggest student-run festivals in the engineering arena. This is the 18th edition with events covering almost every aspect of Chemical Engineering and Applied Chemistry.

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1.2 Executive Council - IIChE - Student Chapter of TSEC (2023-2024)

Chairperson	Ms. Sharvari Indalkar
Vice-Chairperson	Mr. Maanav Shah
Secretary	Mr. Jatin Gola
Treasurer	Mr. Sahas Kasar and Mr. Yash Thakkar
Chief Technical Officer	Mr. Asad Ansari, Mr. Viraj Dalvi, Mr. Shivam Jadhav
Event Head	Ms. Mrunmayee Hegiste
Head of Content	Ms. Kashish Agarwal
Industrial Envoy	Ms. Vridhi Varliani and Mr. Aliasgar Dohadwala
Marketing Head	Mr. Aadithya Premraj
Public Relations Officer	Mr. Mohammad Shamaz Ansari
Editor	Ms. Krishita Kapadia
Assistant Technical Officer	Mr. Atharva Jindal, Mr. Soham Joshi, Mr. Harsh Kadam
Creative Head	Ms. Rhea Dhanuka
Design Head	Ms. Prachi Rode
Publicity Head	Ms. Sia Shetty and Ms. Moha Kulkarni
Logistics Head	Ms. Arya Patil and Ms. Shreejita Dhar
Social Media Head	Ms. Ira Sahasrabudhe
Photography Head	Mr. Aliasgar Dohadwala

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Section 2
About ChEMERGENCE'23

2.1 Theme of ChEMERGENCE'23

In the ever-evolving landscape of science and engineering, few domains have witnessed as profound a transformation as Chemical Engineering. This discipline, born at the intersection of chemistry, physics, mathematics, and engineering, has consistently pushed the boundaries of human ingenuity to reshape industries, economies, and the very fabric of modern life. Our journey through the theme of "Evolution of Technologies in Chemical Engineering" will take us on a captivating exploration of how this field has not only adapted but thrived in the face of technological advancements.

THE PAST: FOUNDATIONS & EARLY INNOVATIONS

Our journey begins by delving into the historical foundations of Chemical Engineering. We'll witness the birth of unit operations, which laid the groundwork for separating, mixing, and transforming raw materials into valuable products. From distillation columns to chemical reactors, the early innovations set the stage for what would become a cornerstone of modern industry.

THE PRESENT: INTEGRATION OF ADVANCED TECHNOLOGIES

As we move forward, we'll find ourselves in the present, where cutting-edge technologies have become essential to the practice of Chemical Engineering. Computational modelling, artificial intelligence, and automation have revolutionized the way we design processes, predict outcomes, and optimize operations. We'll explore how these technologies not only increase efficiency but also enable us to tackle complex challenges with unprecedented accuracy.

THE FUTURE: INNOVATIONS ON THE HORIZON

Peering into the future, we'll uncover the exciting frontiers that lie ahead for Chemical Engineering. Nanotechnology, biotechnology, renewable energy solutions, and sustainable manufacturing techniques are poised to redefine the landscape once again. Our journey will reveal how these innovations promise to shape a world where chemical processes are not only efficient and profitable but also environmentally conscious and socially responsible.

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2.2 Events

2.2.1 Opening Ceremony

Date: 15th September 2023

Time: 10:00 AM

Venue: Seminar Hall, OB

ChEMERGENCE'23 started with the Opening Ceremony. The opening ceremony was graced with the presence of Mr. Jayesh Tekchandaney as the Chief Guest, the Principal, Dr. G.T.Thampi, the Head of Department, Dr. Elizabeth Joseph and the Teacher Coordinator of IIChE-TSEC, Prof. Praseeda Nambisan. The ceremony declared the opening of ChEMERGENCE'23, followed by a few words of wisdom, encouragement and inspiration from the Chief Guest, the Principal. the HoD and the Teacher Coordinator

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2.2.2 Chemic-Con

Date: 15th September 2023

Time: 11:15 AM

Venue: Seminar Hall, OB

A platform where a group of industrial experts discuss an issue, provide feedback or brainstorm solutions regarding relevant topics in their industry. Intellectuals from various chemical engineering fields shared their insights and expertise on what the future holds for Chemical Engineering. This year ChEMERGENCE'23 brought together a host of panelists who delved deep into the topic of "**Technical Advancement and Innovation in Chemical Processing and Manufacturing**"

Our Panelists for this year's Chemic-Con were:

Mr. Jayesh Tekchandaney: Mr. Jayesh Tekchandaney has been closely associated with the chemical process industry and the food industry and has played several roles such as a process design engineer, production engineer, consultant and equipment manufacturer.

Mr. Hitesh Shah: Backed by over 25 years of experience in the industry, Hitesh Shah is currently the Head of Sales and Business Development for Business Unit Polymer Additives, Indian subcontinent at LANXESS Indian Private Limited. In this role, he is responsible for the Sales and Business Development of Phosphorus, Bromine and Esters chemistry additives like flame retardants, plasticizers etc.

Mr. Keyur Kansara: Keyur Kansara is the Founder and Director of Concorde Corporation, operating in a specialized field focused on designing agitators tailored to the unique requirements of chemical and pharmaceutical companies. A blend of technical expertise and creative innovation characterises his work.

Dr. Ramesh Vulavala: Dr. Ramesh Vulavala has an experience of 35+ years. His field of interest includes Mathematical modelling and solution of physicochemical phenomena for optimization and control in chemical and related disciplines of engineering, and operations research. Beyond his research endeavours, Professor Vulavala has also taken on the responsibility of shaping the educational landscape in Chemical Engineering.

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2.2.3 Chem Quiz

Where Intelligence Meets Chemical Intuition!

Date: 15th September 2023

Time: 02:00 PM

Venue: Seminar Hall, OB

An exhilarating journey through the captivating world of molecules, reactions, and compounds! From the tiniest atoms to the grandest chemical reactions, this event challenged the participants' knowledge, igniting curiosity, and revealing the awe-inspiring beauty hidden within the realm of chemistry. A competitive team event, indulging them in a battle of Q&A showcasing their knowledge in the field

The last two rounds of this event were hosted by Quiz Master, **Mr. Pratik Bhagat**

Chem-Quiz Winners

First Position
Swaraj Pai, Manav Thaker and Devraj Raikar

Second Position
Soham Karle, Nolan Pereira and Ronak Mot

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Participant List

Team Number	First Participant	Second Participant	Third Participant
CQ01	Pramarth Kaptain	Dhanik Prajapat	Gaurang Pitale
CQ02	Archit Pavale	Salus Mendes	NA
CQ03	Malap Kothari	Sahil Boricha	Hrudaansh Shah
CQ04	Soham Karle	Ronak Mota	Nolan Pereira
CQ05	Swaraj Pai	Manav Thaker	Devraj Raikar
CQ06	Ansh Garg	Hardik Kamble	Ashved Khatate
CQ07	Soham Karle	Ronak Mota	Nolan Pereira
CQ08	Bhumi Namdeo Gaingade	Shruti Juikar	Sagrika Tondwalkar
CQ09	Basit Mahiskar	Anvisha Padhye	Sumit Panickar
CQ10	Danish Sayed	Poonam Paliwal	NA
CQ11	Hezron	Varad	Shreya
CQ12	Krisha Mulgaonkar	Riya Gondhali	Komal Parab
CQ13	Bhavna Sanjeev Kumar Pillai	Siddhi Soni	NA
CQ14	Sohan Sawant	Sanika Jondhale	Tanish Waghmare

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2.2.4 Reactant Quest

Connecting elements, Creating possibilities

Date: 15th September 2023

Time: 03:30 PM

Venue: Seminar Hall, OB

Reactant Quest was a brand-new fun and technical event where the teams were put to test their technical knowledge and speed to compete against each other. In this event, 5 teams were given 2 reactions each, with every reaction requiring 2 reactants to complete. 5 dealers were spread throughout with each dealer having exactly 4 reactants. Every team had to collect the required reactants and complete both reactions as fast as possible. In case a dealer had the required reactant, he then proceeded to ask the team 3 riddles which they had to answer within 2 minutes. If the team answered all 3 riddles correctly, the reactant was sold to them for a fixed price. Once a team collected all 4 reactants, they returned to the room and arranged both reactions in the correct way.

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Reactant Quest Winners

First Position

Malap Kothari, Sahil Boricha

and Hrudransh Shah

Second Position

Archit Pavale, Salus Mendes

and Jivan Pukale

Third Position

Soham Karle, Nolan Pereira

and Ronak Mota

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Participant List

Team Number	First Participant	Second Participant	Third Participant
RQ01	Pramarth Kaptain	Dhanik Prajapat	Gaurang Pitale
RQ02	Archit Pavale	Salus Mendes	Jivan Pukale
RQ03	Karan Shah	Om Pawar	Ajinkya Joshi
RQ04	Saumya Kurup	Mehak Jain	Khushi Maurya
RQ05	Sejal Nimbare	Sumit Panickar	Swaraj Pai
RQ05	Soham Karle	Ronak Mota	Nolan Pereira
RQ06	Ansh Garg	Hardik Kamble	Ashved Khatate
RQ07	Arya Tandel	Manasvi Shetty	Urmi
RQ08	Malap Kothari	Sahil Boricha	Hrudaansh Shah
RQ09	Bhumi Namdeo Gaingade	Sagrika Tondwalkar	Shruti Juikar
RQ10	Hezron	Varad	Shreya

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2.2.5 Poster Presentation

Mixing Science and Industry: Chemical Engineering Poster Odyssey

Date: 15th September 2023

Time: 02:00 PM

Venue: Seminar Hall, OB

IIChE TSEC brings you to a captivating exploration of the intricate world of chemical engineering. We invite you to embark on a journey of discovery, innovation, and collaboration as we navigate the frontiers of the most groundbreaking fields in modern science. Don't miss this fantastic opportunity to showcase your project with attendees as well as get valuable input from judges!

Topics

1. Energy and Environment
2. Advanced Nano-Materials & Nanotechnology
3. Water and Wastewater Treatment
4. Advanced Chemical Engineering
5. Advanced Polymer and Composites

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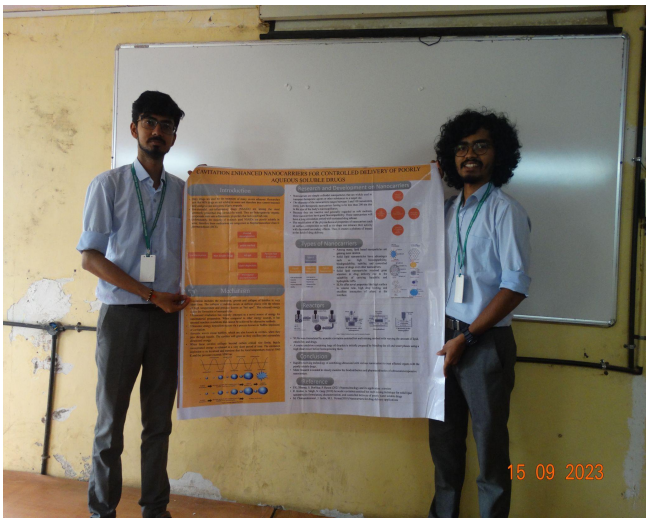
JUDGES

1. Prof. Prasad Parulekar
2. Prof. Bharti Deshmukh

Poster Presentation Winner



First Position

Lakshya Vashishtha, Ballal Thakur

and Manisha Bagal

Participant List

Team Number	First Participant	Second Participant	Third Participant
PP01	Pranoti Sawant	Tirth Solanki	Atharva Gidde
PP02	Lakshay Vashishtha	Ballal Thakur	Manisha Bagal
PP03	Bhavna Sanjeev Kumar Pillai	Siddhi Soni	NA

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2.2.6 The Bait

React, Reason, Resolve!

Date: 16th September 2023

Time: 09:15 AM

Venue: Seminar Hall, OB

A battle of wits and words, that has been practised in every cultural festival from the ancient times of the Greeks. 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. This experience will let you discover topics related to the current problems and challenges in the world of science and technology.

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JUDGES

1. Mr . Sayatan Mukherjee
2. Dr. Rita Sharma
3. Dr. Trupti Dharmarao
4. Prof. Praseeda Nambisian
5. Prof. Sangita Gaikwaid

The Bait Winners

First Position

Soham Karle, Nolan Pereira and Ronak Mota

Second Position

Swaraj Pai, Saee Nalawade and Mihir Patil

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

Participant List

Team Number	First Participant	Second Participant	Third Participant
TB01	Tanishka Chavan	Keya Desai	Shloka Kaushal
TB02	Mansavi Shetty	Arya Tandel	Saumya Kurup
TB03	Karan Choudhary	Anand Bhatia	Jash Rashne
TB04	Malap Kothari	Sahil Boricha	Hrudaansh Shah
TB05	Soham Karle	Ronak Mota	Nolan Pereira
TB06	Khushi	Mehek	Urmi
TB07	Shruti Juikar	Bhumi Gaingade	Sagrika Tonwalkar
TB08	Mihir Patil	Saee Nalawade	Swaraj Pai

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2.2.6 Jeopardy

Think Fast, Play Smart: Chemical Jeopardy!

Date: 16th September 2023

Time: 09:30 AM

Venue: Seminar Hall, OB

Jeopardy! It was one of the two new events added to ChEMERGENCE'23. It provided contestants a platform to use their knowledge, quick thinking and problem-solving abilities in the game. Contestants would compete against each other, strategizing their play by selecting questions of varying difficulty levels to maximise their score in an element of pressure and quick thinking.

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Jeopardy Winners

First Position

Swaraj Pai, Ronit Tejani

and Harsh Mayne

Second Position

Soham Karle, Nolan Pereira

and Ronak Mota

Third Position

Dev Kotadia, Akhilesh Page

and Anandakrishnan H

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Participant List

Team Number	First Participant	Second Participant	Third Participant
J01	Arnav Naik	Vedant Yadav	Adit Shinde
J02	Aniket Naik	Ved Madhavi	Suraj Rout
J03	Karan Shah	Om Pawar	Ajinkya Joshi
J04	Arya Tandel	Manasvi Shetty	Urmi Pokharkar
J05	Khushi Maurya	Mehak Jain	Maansi Chouhan
J06	Ronit Tejani	Harsh Mayne	Swaraj Pai
J07	Ansh Garg	Hardik Kamble	Ashved Khatate
J08	Soham Karle	Ronak Mota	Nolan Pereira
J09	Malap Kothari	Sahil Boricha	Hrudaansh Shah
J10	Shruti Juikar	Bhumi Gaingade	Sagarika Tonwalkar
J11	Aditya Nair	Sudeep Samarth	NA
J12	Bhavna Sanjeev Kumar Pillai	Siddhi Soni	Mustafa Khan
J13	Anandakrishnan H	Akhilesh Page	Dev Kotadia
J14	Divij Pandita	Aditya Karande	Soham Kawachale
J15	Tanay Patil	Dharmik Gohil	NA

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2.2.8 Chem-X

Date: 16th September 2023

Time: 09:15 AM

Venue: Seminar Hall, OB

A platform where our industry experts share wisdom and knowledge of their expertise. This year, IIChE-TSEC brings to you a crucial topic of **AI in the field of Chemical Engineering**.

Our first expert was Mr. Swapnil Paingankar who has been working at Ingenero Technologies Pvt. Ltd. for the past 16 years and is currently in the post of Assistant Manager. He has pursued his Master's Degree from the Institute Of Chemical Technology and is an alumnus of TSEC.

The next expert speaker was Dr. Jagadesh Donepudi Sir, Director of Business Development of South Asia at KBC Advanced Technologies. Having more than 35+ years of Consulting experience in the hydrocarbon industry with companies like HPCL, Saudi Aramco Engineering, Onward Technologies and Intercat and KBC.

2.2.9 Chemical Feud

Chemical Showdown: Battle of the Minds!

Date: 16th September 2023

Time: 02:00 PM

Venue: Seminar Hall, OB

An exhilarating recreation of the famous game show, Family Feud where the participants were presented with questions correlating principles and processes in the field of chemistry and chemical engineering with daily life. Each team would have to play a qualifying round consisting of 10 MCQ questions and the team should answer the questions right in a lesser amount of time. Next, the teams who qualified in the second round will play a chemical feud Team vs. Team. Both teams were shown the questions and the first team to press the buzzer would get a chance to answer the question. In this, the team pressing the buzzer first will be able to answer the questions 3 times (one on one by each team member), if the team failed to guess any of the options then the question will pass to the next team. If the team answered at least one correctly then they would get the points based upon it and a new question would be displayed on the screen in this way each set of teams was asked 5 questions.

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Chemical Feud Winners

First Position
Dev Kotadia, Akhilesh Page
and Anandakrishnan H

Second Position
Heramb Vengurlekar, Pratham
Bhandari and Vaishnavi More

Third Position
Aditya Parab, Sudeep Samarth
and Aditya Nair

Participant List

Team Number	First Participant	Second Participant	Third Participant
CF01	Pramarth Kaptain	Dhanik Prajapat	Gaurang Pitale

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CF02	Arnav Naik	Vedant Yadav	Adit Shinde
CF03	Yash Kadam	Devansh Mantri	Tanishka Chavan
CF04	Aarti Rijhwani	Mihir Patil	Nikhil Gurudosani
CF05	Aniket Naik	Ved Madhavi	Suraj Rout
CF06	Karan Shah	Om Pawar	Ajinkya Joshi
CF07	Khushi Maurya	Mehak Jain	Maansi Chouhan
CF08	Atharva Rajpurkar	Krishna Daryani	Aryan Sahasrabudhe
CF09	Saumya Kurup	Manasvi Shetty	Arya Tandel
CF10	Karan Choudhary	Anand Bhatia	Jash Rashne
CF11	Ronit Tejani	Harsh Mayne	Swaraj Pai
CF12	Ansh Garg	Hardik Kamble	Ashved Khatate
CF13	Soham Karle	Ronak Mota	Nolan Pereira
CF14	Pratham Bhandari	Heramb Vengurlekar	Vaishnavi More
CF15	Malap Kothari	Sahil Boricha	Hrudaansh Shah
CF16	Tanay Patil	Manav Thaker	Dharmik Gohil
CF17	Bhumi Namdeo Gaingade	Sagarika Tondwalkar	Shruti Juikar
CF18	Vinit Lunia	Rhythm Jain	Hitesh Bhatia
CF19	Aditya Nair	Sudeep Samarth	Na
CF20	Krisha Mulgaonkar	Riya Gondhali	Komal Parab
CF21	Manoj Pal	Sakshi Kokane	Sejal Memane
CF22	Piyush Firke	Mahima Jain	Na
CF23	Atharva Gidde	Jajwal Parab	Aayush Misal
CF24	Akhilesh Page	Anandakrishnan H	Dev Kotadia

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2.2.10 Closing Ceremony

Date: 16th September 2023

Time: 04:30 PM

Venue: Seminar Hall, OB

After 2 days of fun-filled and exciting events, ChEMERGENCE'23 came to an end on 16th September 2023 after the event of Chemical Feud. This was proceeded by the closing ceremony which was held in the seminar hall of the old building of TSEC.

The closing ceremony started with the address to the audience by the Vice-Chaiperson of IIChE-TSEC after the prize distribution ceremony, for the felicitation of the winners of the competitions. The winners of the events of ChEMERGENCE'23 were given Certificates of Merit, Gift Vouchers and Cash prizes.

Dr. Elizabeth Joseph and Prof Praseeda Nambisan, the Teacher Coordinator of IIChE-TSEC along with the other faculties of TSEC felicitated the winners. The closing ceremony was drawn to a close by the Vote of thanks and the formal conclusion of ChEMERGENCE'23.

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Section 3
Timetable

EVENTS	DAY 1	REPORTING TIME	DAY 2	REPORTING TIME
	Opening Ceremony	10:15 a.m.	The Bait (Round 1)	9:15 a.m.
	Chemic-con	11:15 a.m.	Jeopardy (Round 1)	9:30 a.m.
			Chem-X	11:00 a.m.
	BREAK			
	Chem Quiz	2:00 p.m.	The Bait (Round 2)	1:00 p.m. - 2:00 p.m.
	Reactant Quest	3:30 p.m.	Jeopardy (Round 2)	1:00 p.m. - 1:30 p.m.
	Poster Presentation	2:00 p.m. - 4:00 p.m.	Chemical Feud	2:00 p.m. - 4:00 p.m.
	Prize Distribution	4:30 p.m.	Prize Distribution	4:00 p.m.
			Closing Ceremy	4:30 p.m.

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Section 4
Rate Card

EVENT	IIChE MEMBERS	NON-IIChE MEMBERS
Chemic-Con	Rs. 50	Rs. 70
Chem-X	Rs. 50	Rs. 70
The Bait	Rs. 90	Rs. 120
Chem Quiz	Rs. 90	Rs. 120
Chemical Feud	Rs. 120	Rs. 150
Poster Presentation	Rs. 90	Rs. 120
Jeopardy	Rs. 120	Rs. 150
Reactant Quest	Rs. 120	Rs. 150

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Section 5
Sponsors

Name of the Company/Sponsor	Title	Sponsor Type	Amount
Hindustan Petroleum Corporation Limited	Title Sponsor	Monetary	Rs. 30,000/-
Suru Chemicals and Pharmaceuticals Private Limited	Co-Sponsor	Monetary	Rs. 25,000/-
Lizmontagens India Private Limited	Powered By	Monetary	Rs. 25,000/-
Lanxess India Private Limited	In Association With	Monetary	Rs. 15,000/-
IIChE MRC	Event Partner	Monetary	Rs. 10,000/-
Attempt To Succeed	Educational Partner	Monetary	Rs. 6,000/-
Sundaram Multi Pap Limited	Stationary Partner	Vouchers	-
Apsara Ice Cream	Prizing Partner	Vouchers	-

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Section 6
Income

7.1 Total Income

Name of the Company/Sponsor	Total Income	In Hand
Hindustan Petroleum Corporation Limited	Rs. 30,000/-	Rs. 24,600/-
Suru Chemicals and Pharmaceuticals Private Limited	Rs. 25,000/-	Rs. 20,500/-
Lizmontanges India Private Limited	Rs. 25,000/-	Rs. 20,500/-
Lanxess India Private Limited	Rs. 15,000/-	Rs. 12,300/-
Mr. Pratik Bhagat	Rs. 6,000/-	Rs. 6,000/-
Registration Fees for the events		Rs. 13,060/-
Total		**Rs. 1,06,960/-**

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7.2 Total Expenses

Expenditure	Amount
Food	Rs. 39,260/-
Momentos	Rs. 26,301/-
Committee Purposes	Rs. 7,913/-
Prize Money	Rs. 7,300/-
Creatives Department (Stationary)	Rs. 4,999/-
Publicity Department	Rs. 3,221/-
Logistics Department	Rs. 200/-
Total	**Rs. 89,554/-**

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Indian Society for Technical Education - students chapter

Mumbai

Mumbai Chapter – TSEC Student Branch

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

Indian Society for Technical Education - students chapter -Mumbai

The ISTE Standards provide the competencies for learning, teaching and leading with technology, and are a comprehensive road map for the effective use of technology in schools worldwide.

Ardubotics Robotics workshop-23, A Two days workshop was organized by Indian Society for Technical Education Students Chapter in association with the E&TC department of Thadomal Shahani Engineering college ISTE students chapter – TSEC in collaboration with Technex-23 IIT Varanasi. The event was organised on 2nd September, 2023 and 3rd September, 2023. It was one of the best hands on workshop held in the college in the year 2023. It boasts participants from all over Mumbai. The event consisted of a two projects with competition on each day, the details are mentioned below.

Two Days Arduino Robotic Workshop

Day1

Inauguration by Principal Dr. G. T. Thampi

Speaker/ Instructor and Mentor : Mr. Anvesh Reddy

18 Teams were formed with 4 to 5 participants in a team.

Components and training was provided from scratch on day 1.

Challenging Tasks was provided to complete within specified time.

Day 2:

Level 2 training with hands on was provided to participants

Task was provided and the winning team along with the runner ups were declared on successful completion of the projects.

Session was concluded by the Head of the Department, Dr. Maniroja Edinburgh and co Ordinator Dr. shrishti Bhatia

The winning teams along with runner up teams got an opportunity to further participate at national level competition in IIT , Varanasi

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Winning Teams:

Ritesh Yadav	Thadomal S	Mumbai	1st	Computer	1st	riteshrajyadav2006@gmail.com
Jash Rashne	Thadomal S	Mumbai	1st	Computer	1st	jash.rashne@gmail.com
Manas Verma	Thadomal S	Mumbai	1st	Computer	1st	manas.sudip.verma9426@gmail
Gourika Udasi	Thadomal S	Mumbai	1st	Computer	1st	gourikaudasi23@gmail.com
Dhruv Dalvi	Thadomal S	Mumbai	2nd	E&TC	3rd	dhruvdalvi03@gmail.com
Ritik Pandey	Thadomal S	Mumbai	2nd	E&TC	3rd	pandeyritik527@gmail.com
Bhavesh Nanda	Thadomal S	Mumbai	2nd	E&TC	3rd	nandabhavesh2003@gmail.com
Sakshi Joshi	Thadomal S	Mumbai	2nd	E&TC	3rd	sakshijoshi2763@gmail.com
Kaniz Fatima Baig	Thadomal S	Mumbai	2nd	E&TC	3rd	fatimabaig498@gmail.com

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1st Winner Team

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Google Developer's Student's Club <GDSC>

THADOMAL SHAHANI ENGINEERING COLLEGE, BANDRA (WEST)

Overview of the committee

Google Developer Student Clubs (GDSC) are community groups for college and university students interested in Google developer technologies. These clubs aim to help students learn, grow, and build innovative solutions while connecting with peers and industry experts. Here's an overview:

Purpose and Goals

- Learning Opportunities: Provide a platform for students to learn about Google technologies such as Android, Firebase, Flutter, TensorFlow, Google Cloud, and more.
- Skill Development: Encourage hands-on learning through workshops, hackathons, and projects to enhance coding, problem-solving, and team collaboration skills.
- Community Building: Foster a collaborative and inclusive community for students passionate about technology.
- Real-World Impact: Enable students to build impactful solutions for local or global challenges using technology.

Key Activities

1. Workshops & Seminars: Interactive sessions on topics like web development, machine learning, mobile app development, and cloud computing.
2. Hands-On Projects: Collaborative projects to apply skills learned and solve real-world problems.
3. Hackathons & Challenges: Competitive events to innovate and test skills.
4. Mentorship: Opportunities to receive guidance from industry professionals and Google Developer Experts (GDEs).
5. Networking: Connect with like-minded peers, professionals, and companies through events and meetups.

Who Can Join?

- Any student with an interest in technology and a passion for learning. You don't need to be an expert—beginners are welcome.
- Each club is led by a **GDSC Lead**, selected by Google for their technical and leadership skills.

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Google Developer Student Clubs (GDSC) Flagship Events

GDSC organizes a variety of impactful flagship events to empower students, foster creativity, and encourage innovation. These events focus on skill-building, hands-on experiences, and addressing real-world challenges.

Mockupp

Mockupp is an exciting design competition where participants unleash their creativity and design skills using Figma, a popular UI/UX design tool. This event is ideal for aspiring designers, students, and professionals who wish to showcase their talent in crafting visually stunning and user-friendly digital products.

- **Objective:** Participants design a functional, aesthetic mockup based on a specific theme or problem statement.
- **Skills Focused:** User Interface (UI) and User Experience (UX) design principles.
- **Who Should Participate?** Anyone passionate about design and eager to explore Figma while solving real-world design challenges.

Mockupp challenges participants to merge creativity with usability, offering them a platform to gain recognition and refine their design expertise.

GCCP Cloud Campaign

The Google Cloud Career Practitioner (GCCP) Cloud Campaign is introduced a month after the session kickoff. This campaign highlights the practical applications of cloud technology and provides participants with hands-on exposure to Google Cloud Platform (GCP) services.

- **Objective:** Equip students with in-demand cloud skills and certifications.
- **Activities:** Guided labs, challenges, and workshops to solve cloud-based problems.
- **Outcome:** Participants gain practical knowledge of cloud technology, improving their employability in the tech industry.

Solution Challenge 2024

The Solution Challenge is an annual global competition organized by Google Developers, inviting university students to create innovative solutions for real-world problems using Google technologies.

- **Theme:** Projects must align with the United Nations' 17 Sustainable Development Goals (SDGs), which address pressing global challenges like poverty, climate action, quality education, and gender equality.
- **Objective:** Encourage technical innovation, creativity, and a passion for positive global impact.
- **Outcome:** Participants build projects that have the potential to create meaningful and lasting change in the world.

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The **Solution Challenge 2024** serves as a platform for students to apply their technical skills, explore creative solutions, and contribute to a sustainable future.

Talks and Workshops

In addition to these flagship events, GDSC has also organized **multiple talks and workshops** covering a wide range of topics such as:

- Web and app development.
- Machine learning and artificial intelligence.
- UI/UX design fundamentals.
- Google Cloud and DevOps.

These sessions are led by industry professionals, GDSC Leads, and Google Developer Experts (GDEs), offering students opportunities to gain insights, learn cutting-edge technologies, and enhance their skills in a collaborative environment.

Skill Development Initiatives in GDSC Events

Google Developer Student Clubs (GDSC) prioritize skill development as a cornerstone of their events, equipping students with the technical, creative, and collaborative abilities needed to excel in the tech industry. These initiatives focus on both foundational and advanced skills through interactive learning experiences.

- **UI/UX Design Skills:** Participants learn to create user-friendly and visually appealing digital products using tools like Figma.
- **Problem-Solving with Design:** Mockupp challenges participants to address specific themes or problems, enhancing their ability to think critically and design functionally.
- **Creative Expression:** The event fosters innovation by encouraging participants to think outside the box while adhering to design principles.
- **Hands-On Cloud Skills:** Students gain practical experience with Google Cloud Platform (GCP) services through guided labs and challenges
- **Certification Opportunities:** Students have the chance to earn GCP certifications, boosting their technical credentials and employability.
- **Technical Skills:** Web development, mobile app development, machine learning, and DevOps.
- **Soft Skills**: Effective communication, collaboration, and time management during project execution.
- **Career Readiness:** Resume building, interview preparation, and exposure to industry practices through sessions by Google Developer Experts (GDEs) and other professionals

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Workshops, Seminars, or Guest Lectures

Google Developer Student Clubs (GDSC) are known for hosting a variety of **workshops, seminars, and guest lectures** aimed at equipping students with the latest technical knowledge and industry insights. These events are designed to bridge the gap between theoretical learning and practical applications, fostering a collaborative and innovative learning environment.

Event	Type of Skill	Event Date	Number of Attendees	Speakers/ Hosts
Stepping Forward GDSC TSEC 2023-24 New Tenure	Hard skill	29/8/2023	77	Ms Nikshita Karkera, the GDSC Lead for tenure 23-24
Google Cloud Study Jam	Hard skill	5/10/2023	150	Mr Jash Doshi, TSEC
Solution Challenge	Hard skill	8/2/2024	111	Ms Sarah Pendhari and Ms Jeevika Tiwari, TSEC
ML 101	Hard skill	22/2/2024	61	Ms Nikshita Karkera, the GDSC Lead for tenure 23-24 and Ex- Intern @ Deutsche Bank
What's Retrieval Augmented Generation?	Hard skill	22/2/2024	61	Mr. Mokshit Surana, Ex-Intern @ Deutsche Bank
Roadmap to Android	Hard skill	28/2/2024	49	Mr. Omkar Bhostekar, Mobile Intern @ Cred and Ex- Intern @ Oracle
Figma Workshop	Hard skill	17/4/2024	58	Ms. Manasi Ghutukade, Ex- UI/UX Consultant @ Scogo
Essentials of UI/UX Design	Hard skill	17/4/2024	58	TSEC
Mockupp	Hard skill	18/4/2024	31	TSEC

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Stepping Forward GDSC TSEC 2023-24 New Tenure

Date: 29 August 2023
Time: 12:30 PM
Speakers: Ms Nikshita Karkers, the GDSC Lead for tenure 23-24

About the Event: The session conducted by GDSC TSEC was an informative and engaging event that delved into various aspects. Firstly, it illuminated the purpose and role of GDSC TSEC, elucidating its mission and objectives in fostering a tech-driven community. Introducing the core team members provided insight into the individuals steering the initiatives, offering a glimpse into the expertise and diversity within the team. Highlighting upcoming events gave attendees a sneak peek into the exciting tech-related activities and workshops to anticipate. A significant focus was on the Cloud campaign, introduced a month after the session, showcasing the practical application of cloud technology. Guidance on joining GDSC and becoming a part of this tech community was also provided, elucidating the pathways for enthusiastic participants. Finally, the session's energy was amplified by the distribution of Google stickers, offering a fun and tangible representation of the Google Developer Student Club. Overall, the event not only informed about GDSC TSEC's role and initiatives but also encouraged involvement and participation, creating an inclusive and vibrant tech community atmosphere.

Schedule:

Introduction	12:30
Insight into the team	12:35
Event Timeline Preview	12:45
Vision and Goals	12:55
In-Depth Cloud Computing Knowledge	13:00
Interactive Q&A	13:15
Distribution of special GDSC stickers	13:30

Registration Statistics:(Year wise and Branch wise)
Number of Participants = 77

Order number	Ticket number	First Name	Last Name	Email
DSCE231734994	DSCA231670936	Aaditya	Benke	a**********@gmail.com
DSCE231734003	DSCA231670058	Aarjav	Jain	a**********@gmail.com
DSCE231735926	DSCA231671854	Aditya	Jeswani	a**********@gmail.com

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DSCE231735165	DSCA231671121	Aditya	Rajpal	r**********@gmail.com
DSCE231733200	DSCA231669388	Alok	Prasad	a**********@gmail.com
DSCE231735944	DSCA231671872	Amogh	Kalyanpur	k**********@gmail.com
DSCE231734777	DSCA231670735	Anandita	Ambekar	a**********@gmail.com
DSCE231735931	DSCA231671860	Anas	Khan	a**********@gmail.com
DSCE231733692	DSCA231669804	Anvee	Shetye	a**********@gmail.com
DSCE231736000	DSCA231671919	Arpit	Kesari	m**********@gmail.com
DSCE231735751	DSCA231671699	Aryan	Pathak	a**********@gmail.com
DSCE231733760	DSCA231669854	Aryan	Rajendra Dalvi	a**********@gmail.com
DSCE231735340	DSCA231671378	Atharva	Jadhav	a**********@gmail.com
DSCE231735676	DSCA231671684	Atharva	Patil	a**********@gmail.com
DSCE231733479	DSCA231669622	Ayush	Kunder	a**********@gmail.com
DSCE231735047	DSCA231670989	Bhavesh	Goplani	b**********@gmail.com
DSCE231733972	DSCA231670029	Chaitanya	Jhade	c**********@gmail.com
DSCE231735497	DSCA231671514	Chetana	Bhojwani	c**********@gmail.com
DSCE231735900	DSCA231671831	DEVANSH	MANTRI	m**********@gmail.com
DSCE231735943	DSCA231671871	Devesh Shelatkar	- Piano and Music	d********@gmail.com
DSCE231735688	DSCA231671642	Dishita	Das	d**********@gmail.com
DSCE231733382	DSCA231669541	Divya	Shah	d********@gmail.com
DSCE231735930	DSCA231671859	Girish	Rajani	g**********@gmail.com
DSCE231735941	DSCA231671865	Gurnur	Singh	g**********@gmail.com
DSCE231735275	DSCA231671266	Hrishikesh	Dhuri	h**********@gmail.com
DSCE231735297	DSCA231671303	Jagjeet singh	Sappal	s**********@gmail.com
DSCE231735269	DSCA231671261	Jash	Doshi	j**********@gmail.com

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DSCE231735550	DSCA231671564	KAUSHAL DEEPAK	SETH	2**********@parulunivesity.ac.in
DSCE231735975	DSCA231671895	Kedar	PATIL	p**********@gmail.com
DSCE231733162	DSCA231669349	Khushi	Punjabi	k**********@gmail.com
DSCE231735961	DSCA231671891	Lakshy	Sharma	l**********@gmail.com
DSCE231735953	DSCA231671876	Laxmi	Pujari	p**********@gmail.com
DSCE231735908	DSCA231671842	Maithili	Shinde	m**********@gmail.com
DSCE231735659	DSCA231671621	Mandar	Ekal	m**********@gmail.com
DSCE231735508	DSCA231671524	Maneesh	Ala	m**********@gmail.com
DSCE231735934	DSCA231671862	Mann	Patil	m**********@gmail.com
DSCE231736005	DSCA231671922	Mokshit	Surana	m**********@gmail.com
DSCE231733774	DSCA231669866	Neha	Shinde	n**********@gmail.com
DSCE231734366	DSCA231670345	Nishant	Patil	n**********@gmail.com
DSCE231735932	DSCA231671861	Om	Mhaske	o*******@gmail.com
DSCE231735987	DSCA231671908	PKK	Jain	j**********@gmail.com
DSCE231735487	DSCA231671506	Pratham	Rohra	r**********@gmail.com
DSCE231735978	DSCA231671902	Rahul	Gavhar	r*********@gmail.com
DSCE231734424	DSCA231670391	Rajesh	Patil	r**********@gmail.com
DSCE231734699	DSCA231670657	Richa	Rawani	r**********@gmail.com
DSCE231735621	DSCA231671588	Rishabh	Gupta	r**********@gmail.com
DSCE231735614	DSCA231671582	rishabh	jain	j**********@gmail.com
DSCE231733495	DSCA231669640	Rishi	Surana	r**********@gmail.com
DSCE231735942	DSCA231671870	Rupsana	Khatun	k**********@gmail.com
DSCE231733490	DSCA231669631	Sadhak	Phanse	s*********@gmail.com
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Solution Challenge 2024

Date: 8th February, 2024
Speakers: Sarah Pendhari and Jeevika Tiwari

About the Event:

The **Solution Challenge 2024** is an annual global competition organised by Google Developers, inviting university students to create innovative solutions to address real-world problems using Google technologies. The challenge encourages participants to leverage their technical skills, creativity, and passion for positive change by developing projects aligned with the **United Nations' 17 Sustainable Development Goals (SDGs)**. These goals encompass critical global issues, including poverty eradication, climate action, quality education, and gender equality, aiming to inspire projects that can make a lasting impact.

Key Highlights:

1. **Participation**: Students from universities worldwide, who are part of a Google Developer Student Club (GDSC), can participate in teams or individually. Teams typically consist of 1-4 members who collaborate to brainstorm, design, and develop their solution.
2. **Technology**: Participants are encouraged to utilise **Google technologies** such as **Firebase, Google Cloud, TensorFlow, Flutter**, and other relevant tools and platforms to develop their solutions. Emphasis is placed on innovative, technically sound, and scalable projects that offer real-world utility.
3. **Timeline**:
    - **Registration & Ideation Phase**: Teams begin by identifying a problem that aligns with one or more of the UN SDGs and formulating their ideas into a feasible solution.
    - **Development Phase**: Participants develop and build their project using Google technologies. They work on various aspects such as the frontend and backend of the application, database integration, APIs, and AI/ML models, depending on the complexity of their solution.
    - **Submission**: Teams submit a demo video, project description, and source code of their solution before the deadline.
4. **Judging Criteria**:
    - **Impact**: How effectively the project addresses one or more of the UN SDGs and how much potential it has to make a positive difference.
    - **Technology**: The implementation of Google technologies and the overall technical complexity of the solution.
    - **Scalability**: The potential for the project to grow and be applied to larger populations or different regions.
    - **Presentation**: The clarity of the idea, project documentation, and quality of the demo video.

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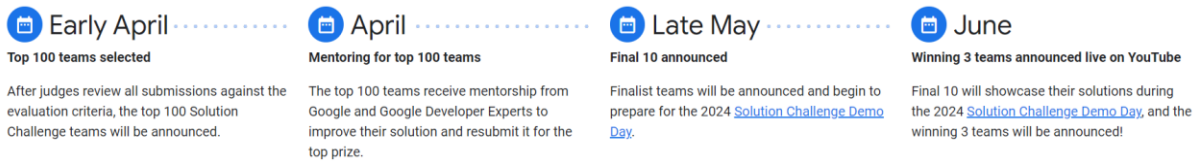
5. **Prizes**:
    - **Top 100 Teams**: Receive mentorship from Google engineers, swag, and other opportunities to enhance their skills and projects.
    - **Top 10 Finalists**: Teams are invited to showcase their projects at a global demo day and receive additional prizes such as professional development and access to further mentorship.
    - **Top 3 Winning Teams**: Receive a grand prize that includes a cash reward, exclusive opportunities with Google Developers, and global recognition for their project.

Goals:

The ultimate aim of the Solution Challenge is to inspire the next generation of technologists and problem-solvers to create sustainable, impactful solutions that can help solve some of the world's most pressing challenges. It offers a unique opportunity for students to enhance their technical skills, collaborate with peers globally, and gain mentorship from industry experts.

By addressing the SDGs through technology, the Solution Challenge 2024 aims to foster creativity, innovation, and social responsibility among students, empowering them to build solutions that can bring about real-world change.

Schedule :



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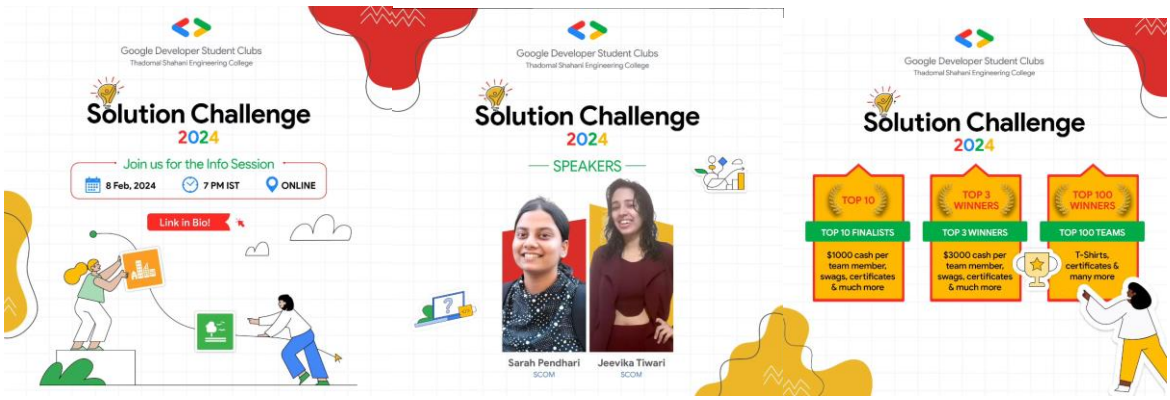

Links & References: https://developers.google.com/community/gdsc-solution-challenge/timeline

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Google Developer's Student's Club <GDSC>

THADOMAL SHAHANI ENGINEERING COLLEGE, BANDRA (WEST)

Participants:
Total Number of Participants = 110

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ML 101

Date: 22 February 2024
Speakers: Ms Nikshita Karkers, the GDSC Lead for tenure 23-24 and Ex- Intern @ Deutsche Bank

About the Event:
The **ML 101 - Introduction to Machine Learning** event is a beginner-friendly session aimed at introducing participants to the fundamentals of machine learning. This event is designed to help those with little to no background in machine learning (ML) understand the core concepts, algorithms, and practical applications of ML in real-world scenarios. The goal is to demystify machine learning and empower attendees to start their journey into this exciting and rapidly growing field.

Key Topics Covered:

1. **What is Machine Learning?**:
    - Definition of machine learning and its importance in today's world.
    - Differences between traditional programming and machine learning.
    - Key components of an ML system: data, algorithms, and models.
2. **Types of Machine Learning**:
    - **Supervised Learning**: Introduction to labeled data, how the model learns from input-output pairs, and common use cases.
        - Examples: regression, classification.
    - **Unsupervised Learning**: Understanding how models learn patterns from unlabeled data.
        - Examples: clustering, dimensionality reduction.
    - **Reinforcement Learning**: Overview of agents learning through rewards and penalties in dynamic environments.
3. **Basic Machine Learning Workflow**:
    - **Data Collection and Preprocessing**: The importance of clean, high-quality data and techniques for handling missing values, normalization, and data splitting (train/test sets).
    - **Model Selection**: Choosing the right ML algorithm for the task (e.g., decision trees, logistic regression, k-nearest neighbors).
    - **Training the Model**: Feeding data into the model to learn patterns.
    - **Evaluation and Testing**: Using metrics like accuracy, precision, recall, and F1-score to evaluate model performance.
4. **Popular Machine Learning Algorithms**:
    - **Linear Regression**: Understanding the basics of predicting numerical values from input data.

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- **Logistic Regression**: Introduction to binary classification tasks and predicting probabilities.
- **Decision Trees**: How decision-making models work using if-else rules.
- **K-Nearest Neighbors (KNN)**: Simple instance-based learning and classification.
- **Support Vector Machines (SVM)**: Understanding how SVMs find the optimal boundary between classes.
- **Clustering Algorithms**: Introduction to k-means clustering for unsupervised learning

Publicity / Marketing Poster:

Registration Statistics:(Year wise and Branch wise)
Number of Participants= 38

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What's Retrieval Augmented Generation?

Date: 22 February 2024
Speakers: Mr. Mokshit Surana, Ex- Intern @ Deutsche Bank

About the Event:
The **"What's Retrieval-Augmented Generation?"** event is designed to explore one of the most cutting-edge advancements in artificial intelligence and natural language processing: **Retrieval-Augmented Generation (RAG)**. This event is targeted at AI enthusiasts, data scientists, NLP engineers, and developers eager to understand how retrieval-based models enhance the generative capabilities of large language models (LLMs). RAG is a revolutionary technique that combines the power of information retrieval systems with generative AI to produce highly relevant and accurate outputs, making it particularly useful for knowledge-intensive tasks.

Key Topics Covered:

1. **Introduction to Generative Models**:
    - Overview of large language models (LLMs) like GPT, BERT, and T5.
    - Generative capabilities of LLMs: how they produce text, complete sentences, and generate creative content.
    - Limitations of generative models: hallucinations, outdated knowledge, and lack of specificity in responses.
2. **What is Retrieval-Augmented Generation (RAG)?**:
    - Concept of RAG: the fusion of retrieval-based systems with generative models to enhance accuracy and relevance.
    - How RAG works: retrieving relevant external documents or knowledge in real-time and feeding that information into the generative model.
    - Comparison with traditional retrieval and generative models, emphasizing the benefits of combining both.
3. **Architecture of RAG**:
    - **Retriever-Generator Framework**: Understanding the two main components of RAG:
        - **Retriever**: Fetches relevant documents or data from a large corpus based on the query.
        - **Generator**: Utilizes the retrieved information to generate more contextually accurate and detailed responses.
    - Use of **dense retrieval models** (like DPR - Dense Passage Retrieval) to improve retrieval efficiency and precision.
    - Preprocessing and indexing large knowledge bases for retrieval.
4. **How Retrieval Augments Generation**:
    - Enhancing the generative model's knowledge by incorporating real-time information.

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- Reducing hallucinations and irrelevant content generation by grounding responses in retrieved documents.
- The importance of retrieval in knowledge-intensive tasks such as legal, medical, or technical document generation.

5. Building a RAG Model:

- Step-by-step guide to constructing a Retrieval-Augmented Generation system.
- Integrating retrievers and generators using popular frameworks like **Hugging Face Transformers**, **PyTorch**, and **FAISS** for fast retrieval.
- Handling large-scale datasets for retrieval, such as Wikipedia, academic papers, or proprietary knowledge bases.
- Fine-tuning and training the RAG model on specific tasks and domains.

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Roadmap to Android

Date: 28 February 2023
Speakers: Mr. Omkar Bhostekar, Mobile Intern @ Cred and Ex- Intern @ Oracle

About the Event:
The **Roadmap to Android Development** event is designed to guide aspiring developers and enthusiasts through the essential steps to becoming proficient in Android app development. This event is perfect for beginners looking to kick start their journey in mobile app development, as well as intermediate developers seeking to enhance their skills by learning about modern tools, libraries, and best practices in the Android ecosystem.
Topics Covered:

1. **Introduction to Android Development**:
    - Understanding the Android ecosystem.
    - Overview of Android Studio, the official Integrated Development Environment (IDE).
    - Setting up your development environment (SDK, emulators, devices).
    - Introduction to Kotlin, the official language for Android development.
2. **Basic Concepts of Android**:
    - **Activity** and **Fragment** lifecycle.
    - Understanding XML layouts and creating user interfaces.
    - Introduction to Views, Layouts, and Resources.
    - Navigation and intents for moving between screens.
3. **Kotlin for Android**:
    - Basic syntax and features of Kotlin: variables, functions, and control structures.
    - Object-oriented programming in Kotlin.
    - Kotlin extensions and Android-specific optimizations.
4. **Building Your First Android App**:
    - Creating a simple project from scratch.
    - Implementing UI components such as buttons, text fields, and lists.
    - Handling user input and responding to events.
    - Working with **RecyclerView** for displaying lists of data.

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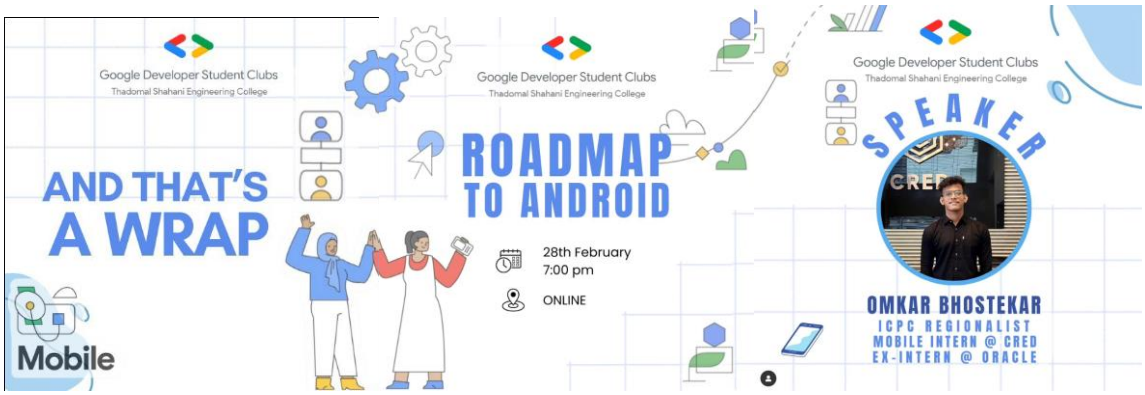

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Figma Workshop

Date: 17th April 2023
Speakers: Ms. Manasi Ghutukade, Ex- UI/UX Consultant @ Scogo

About the Event:
The Figma Workshop is a hands-on, interactive event tailored for aspiring designers, developers, and anyone looking to dive into the world of UI/UX design. Figma, a popular web-based design tool, has become a go-to platform for designers due to its ease of use, real-time collaboration features, and ability to create beautiful, responsive designs. This workshop will introduce participants to the fundamental concepts of Figma, guiding them from the basics to advanced design techniques.

Key Topics Covered:

1. Introduction to UI/UX Design:
    - What is UI/UX design, and why does it matter?
    - Overview of key UI/UX principles: usability, accessibility, and user-centered design.
    - The importance of wireframing and prototyping in the design process.
2. Getting Started with Figma:
    - Setting up a Figma account and exploring the interface.
    - Navigating through Figma's workspace: toolbars, layers, frames, and pages.
    - Understanding the design canvas and how to manage artboards.
    - Collaboration features: inviting teammates, sharing designs, and commenting.
3. Designing with Figma:
    - Frames and Layouts: Creating frames, grids, and columns for responsive design.
    - Shapes and Layers: Drawing basic shapes, grouping, and managing layers.
    - Text and Typography: Working with fonts, hierarchy, and alignment.
    - Components and Instances: Building reusable design elements to maintain consistency.
    - Auto Layout: Creating scalable and flexible layouts with ease.
    - Colors and Styles: Creating and applying color schemes, text styles, and grids.
4. Building a Simple UI:
    - Designing a basic user interface from scratch (e.g., a mobile app screen or web dashboard).
    - Understanding user flows and how to structure a screen.
    - Implementing buttons, icons, and input fields.
    - Adding images and other assets to enhance the design.
5. Prototyping and Interactions:
    - Introduction to Figma's prototyping tools for interactive designs.
    - Creating clickable prototypes to simulate app or website navigation.
    - Adding animations and transitions between screens.
    - Testing and previewing the prototype on different devices.

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Essentials of UI/UX Design

Date: 17th April 2023
Speakers: Mr. Krunal Prajapati, Ex- Product Design Intern @ Atlassian

About the Event:
The **"Essentials of UI/UX Design"** event is a comprehensive workshop aimed at introducing participants to the core principles of user interface (UI) and user experience (UX) design. Whether you're a beginner, a developer looking to expand your skill set, or an aspiring designer, this event will provide you with a strong foundation in designing intuitive, user-friendly digital products. Attendees will learn how to create designs that not only look visually appealing but also enhance the overall experience for users.

Key Topics Covered:

1. **Introduction to UI/UX Design**:
    - Understanding the difference between UI (User Interface) and UX (User Experience).
    - The importance of UI/UX in creating successful digital products.
    - How UI/UX design impacts user satisfaction, retention, and product success.
2. **Principles of User Experience (UX) Design**:
    - **User-Centered Design**: Placing the user at the core of the design process.
    - **User Research**: Methods for gathering insights about user needs, behaviors, and pain points.
    - **Personas**: Creating user personas to better understand target audiences.
    - **User Journeys and Task Flows**: Mapping out user journeys and designing for different touchpoints.
    - **Information Architecture**: Organizing content to help users navigate smoothly through an app or website.
    - **Wireframing and Prototyping**: Developing low-fidelity wireframes and interactive prototypes to test design ideas.
3. **Principles of User Interface (UI) Design**:
    - **Visual Design Basics**: Introduction to layout, grids, and the importance of whitespace.
    - **Color Theory**: How to choose and apply colors to create visually appealing and accessible designs.
    - **Typography**: Using fonts and text hierarchies to improve readability and guide the user's attention.
    - **Icons and Imagery**: The role of visual elements in enhancing communication and aesthetics.
    - **Designing for Accessibility**: Best practices for creating inclusive designs that cater to all users, including those with disabilities.
4. **Tools for UI/UX Design**:
    - Overview of popular design tools like **Figma**, **Adobe XD**, and **Sketch** for wireframing, prototyping, and collaboration.

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- **Usability Testing Tools**: How to gather feedback and improve designs using tools like **Maze**, **Hotjar**, or **Lookback**.
- Introduction to design handoff tools for seamless collaboration between designers and developers.

5. **The Design Process**:
   - **Research**: How to conduct user interviews, surveys, and competitive analysis to inform design decisions.
   - **Ideation**: Brainstorming techniques for coming up with creative solutions to user problems.
   - **Design and Iteration**: The process of creating wireframes, mockups, and prototypes.
   - **Usability Testing**: How to gather user feedback through tests and iterating based on insights.
   - **Design Systems**: Creating scalable, consistent UI patterns and components for large projects.
6. **Real-World Applications of UI/UX Design**:
   - Case studies of successful digital products where UI/UX played a pivotal role.
   - Examples of well-designed apps and websites and what makes them stand out in terms of user experience.
   - Discussion of common UI/UX design mistakes and how to avoid them.
7. **Designing for Different Platforms**:
   - **Web Design**: How to create responsive designs that adapt to various screen sizes and devices.
   - **Mobile App Design**: Best practices for mobile UI/UX, including gesture-based navigation, thumb-friendly design, and touch-target sizes.
   - **Cross-Platform Consistency**: Ensuring a cohesive design experience across web, mobile, and other platforms.

Publicity / Marketing Poster:

Registration Statistics:(Year wise and Branch wise)
Total Number of Patient = 58

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Google Developer's Student's Club <GDSC>

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Mockupp

Date: 18th February 2024

About the Event:
"Mockupp" is an exciting design competition where participants unleash their creativity and design skills using **Figma**, a popular UI/UX design tool. This event is perfect for aspiring designers, students, and professionals looking to showcase their talent in creating visually stunning and user-friendly digital products. The competition will challenge participants to design a functional, aesthetic mockup for a given theme or problem statement, offering them an opportunity to demonstrate their understanding of user interface (UI) and user experience (UX) design principles.

Event Structure:

1. **Introduction to the Competition**:
    - A brief overview of **Figma**, its capabilities, and why it's a go-to tool for modern designers.
    - Explanation of the rules, judging criteria, and competition format.
    - Announcement of the **theme** or **problem statement** for the competition (e.g., designing a mobile app interface, website landing page, or e-commerce dashboard).
2. **Design Challenge**:
    - **Problem Statement**: Participants will be provided with a specific challenge or problem statement related to UI/UX design. This could range from designing a mobile app for productivity, a user-friendly e-commerce platform, or a creative landing page for a startup.
    - **Requirements**: Designers must follow certain design guidelines and constraints, such as incorporating accessibility features, responsive design considerations, and a clean user flow.
    - **Time Limit**: Participants will have a set amount of time (typically a few hours to a day) to conceptualize, design, and submit their mockups.
3. **Figma Workshop (Optional)**:
    - For beginners or those unfamiliar with Figma, a quick workshop will be provided to introduce the basics of Figma, including creating frames, using design components, building prototypes, and collaborating in real-time.
    - Participants will learn how to work with design systems, apply grids and layouts, and use interactive features to enhance their mockups.
4. **Design and Submission**:
    - Participants will use **Figma** to create their designs, ensuring they align with the problem statement and target user needs.
    - After completing their designs, participants will submit a Figma prototype or interactive mockup, along with a brief explanation of their design rationale.

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- **Collaboration**: Participants can work individually or in teams, collaborating in real-time on Figma's cloud-based platform.

Judging Criteria:

1. **Creativity and Innovation**:
   - How unique and creative is the design solution? Does it stand out from the crowd while solving the problem effectively?
2. **User Experience (UX)**:
   - Is the design user-friendly and intuitive? Does it offer a seamless flow and navigation for the end-user?
   - Are user journeys and task flows clear and easy to follow?
3. **Visual Appeal (UI)**:
   - Is the design visually appealing? Does it make effective use of color schemes, typography, icons, and imagery?
   - How well is the layout structured? Does it balance aesthetics with functionality?
4. **Adherence to Theme**:
   - How well does the design address the given problem statement or theme?
   - Does the design align with the specific goals or needs of the project?
5. **Responsiveness and Accessibility**:
   - Does the design account for different screen sizes and platforms (mobile, tablet, desktop)?
   - Are accessibility features included (e.g., appropriate contrast, scalable fonts, and screen reader compatibility)?
6. **Presentation and Explanation**:
   - Clarity of the design rationale and how well the participant communicates their design choices in terms of solving the user's problem.

Prizes and Recognition:

- **Top Designers**: The best designs will be selected by a panel of judges, consisting of industry professionals and UI/UX experts.
- **Awards**: Winners will receive prizes such as Figma premium subscriptions, design toolkits, certificates, and other exciting rewards.
- **Portfolio Boost**: Participants can add their competition entries to their design portfolios, helping to showcase their talent to potential employers or clients.
- **Networking**: The event will also serve as a networking opportunity for participant

Winners:

1. Track 1 winner : Khan Mohd Sajid A Razzaque

2. Track 2 winner : Urmi Sawant

Special Mentions :

1. **Asmi Gawade**
2. **Gourika Udasi**

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3. **Sarvesh Huddar**
4. **Sanjana Thakur**

Registration Statistics:(Year wise and Branch wise)
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Future Plans of GDSC

Google Developer Student Clubs (GDSC) aim to enhance learning and innovation through advanced initiatives. Future plans include AI and Machine Learning bootcamps, cloud and DevOps workshops, and cybersecurity training to equip students with industry-relevant skills. GDSC plans to host hackathons, promote startup incubation, and encourage open-source contributions. Focused on career readiness, initiatives like mock interviews, resume-building sessions, and internship partnerships will prepare students for the tech industry. Emphasizing sustainability, events will align with the UN's Sustainable Development Goals (SDGs). GDSC also plans to expand its online resources and promote global collaboration to foster innovation and community growth.

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