

भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA



ऑनलाइन दूरस्थ अधिगम कार्यक्रम ONLINE DISTANCE LEARNING PROGRAMME

COR20221122345

समन्वयं का प्रमाणपत्र CERTIFICATE OF COORDINATION

यह प्रमाणित किया जाता है कि थडोमल शहाणी
इà¤,जीनियरिà¤,ग क्यूं a¥‰à¥†à¤œ कार्यरत डॉ॰
मनीरोजा à¤□डिनबरà¥□ग, ने à¤à¥,-डेटा
साà¤□ाकरण औरसाइबरसà¥□रकà¥□का विषय पर इस संस्थान
द्वारा दिनांक 17 à¤...कà¥□टà¥,बर, 2022 से 21 à¤...कà¥□टà¥,बर, 2022 तक संचालित
ऑनलाइन प्रशिक्षण पाठचक्रम को समन्वित किया।

This is to certify that DR. MANIROJA EDINBURGH, working with Thadomal Shahani Engineering College, has coordinated the online training course on Geo-data sharing and Cyber Security conducted by this institute during October 17, 2022 to October 21, 2022

दिनाँक/ Date: 03-11-2022

देहरादून/ Dehradun

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

भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह



मारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA



बहि: परिसर संपर्क / विस्तार कार्यक्रम प्रमाण पत्र
OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME

COR202210272345

समन्वयं का प्रमाणपत्र
CERTIFICATE OF COORDINATION

यह प्रमाणित किया जाता है कि थडोमल शहाणी इंजीनियरिंग कॉलेज कार्यरत डॉ॰ मनीरोजा एडिनबर्ग ने यू.ए.वी. सुदूर संवेदन विषय पर इस संस्थान द्वारा दिनांक 21 नवंबर, 2022 को आयोजित एक दिवसीय ऑनलाइन कार्यशाला को समन्वित किया।

This is to certify that **DR. MANIROJA EDINBURGH**, working with **Thadomal Shahani Engineering College,** has coordinated one day online workshop on **UAV Remote Sensing** conducted by this institute on November 21, 2022

दिनाँक/ Date: 25-11-2022

देहरादून/ Dehradun

प्रमुख,

जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं द्रस्थ अधिगम विभाग

Head, Geoweb Services, IT & Distance Learning Department, IIRS

Dr. G. T. Thampi PRINCIPAL Thadomal Shahani Engineering College Bandra (W), Mumbal 409 050. Sgramal

समूह प्रमुख,

भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह



भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION अंतरिक्ष विमाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA



COR202210282345

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 शहाणी इंजीनियरिंग कॉलेज ने भारतीय सुदूर संवेदन संस्थान, इसरो देहारादून द्वारा संचालित ऑनलाइन प्रशिक्षण पाठचक्रम पैलियोचैनल अध्ययन में भू-स्थानिक प्रौद्योगिकी के अनुप्रयोग : संभावित और भविष्य के रुझान में भाग लिया। इस ऑनलाइन पाठचक्रम का संचालन दिनांक 11 अक्टूबर, 2022 से 11 अक्टूबर, 2022 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 **Applications of Geospatial Technology in Paleochannel Studies: Potential And Future Trends**. This online programme was conducted during October 11, 2022 to October 11, 2022

दिनाँक/ Date: 19-10-2022

देहरादून/ Dehradun

प्रमुख,

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

समूह प्रमुख,

भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह



भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION अंतरिक्ष विमाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA



COR8223452021

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 शहाणी इंजीनियरिंग कॉलेज ने भारतीय सुदूर संवेदन संस्थान, इसरो देहारादून द्वारा संचालित ऑनलाइन प्रशिक्षण पाठचक्रम 'मशीन लर्निंग से डीप लर्निंग तक: सुदूर संवेदन डेटा वर्गीकरण की एक यात्रा" मे भाग लिया। इस ऑनलाइन पाठचक्रम का संचालन दिनांक 05 जुलाई, 2021 से 09 जुलाई, 2021 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 **"Machine learning to Deep Learning: A journey for remote sensing data classification"**. This online programme was conducted during July 05, 2021 to July 09, 2021.

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दिनाँक/ Date: 19-07-2021

देहरादून/ Dehradun

प्रमुख,

जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग

Head, Geoweb Services, IT & Distance Learning Department, IRS

सनूर प्रनुख भू-स्थानिक

भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह



भारतीय अंतरिक्ष अनुसंधान संगठन/INDIAN SPACE RESEARCH ORGANISATION अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA



ऑनलाइन दूरस्थ अधिगम कार्यक्रम ONLINE DISTANCE LEARNING PROGRAMME

COR2022942345

समन्वयं का प्रमाणपत्र CERTIFICATE OF COORDINATION

यह प्रमाणित किया जाता है कि थडोमल शहाणी इंजीनियरिंग कॉलेज कार्यरत डॉ॰ मनीरोजा एडिनबर्ग, ने पायथन द्वारा जियोप्रोसेसिंग का अवलोकन विषय पर इस संस्थान द्वारा दिनांक 17 जनवरी, 2022 से 28 जनवरी, 2022 तक संचालित ऑनलाइन प्रशिक्षण पाठचक्रम को समन्वित किया।

This is to certify that **DR. MANIROJA EDINBURGH**, working with **Thadomal Shahani Engineering College,** has coordinated the online training course on **Overview of Geoprocessing using Python** conducted by this institute during January 17, 2022 to January 28, 2022

दिनाँक/ Date: 10-02-2022

देहरादून/ Dehradun

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

rtment, IIRS

Sgranal

समूह प्रमुख,

भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह

ABOUT TSEC

Thadomal Shahani Engineering College (TSEC) is an 'A' Grade Institute managed by Hyderabad (Sind) National Collegiate Board and approved by the All India Council for Technical Education (AICTE), affiliated to the University of Mumbai. Four programs of the college are accredited by National Board of Accreditation. TSEC is constantly identifying and developing new and nascent technologies such as Artificial Intelligence, Machine Learning, Deep Learning and Block Chain Technology, for enhancing student learning and growth.

ABOUT DEPARTMENT

The department of AI and DS is established in the year 2020 with highly qualified senior faculty. This newly added department of TSEC has been set up with a goal of training students as leaders and researchers in the fields of Artificial Intelligence and Data Science with world class infrastructure, curriculum and comprehensive hands-on experience through industry connect programs. The Department has been Instrumental in organizing various technical events.

COURSE OBJECTIVES

- ❖ The objective of the course is to provide insights about Full Stack Web Development and architectural solution building process.
- ❖ To give hands on experience in deploying various tools underpinning principles of human computer interaction.
- ❖ Accentuating learning while implementing to relate with real time applications, which can be subjected to multiple validation process and procedures.

RESOURCE PERSONS

- 1) Dr. G. T. Thampi
- 2) Dr. Bhushan Jadhav
- 3) Prof. Chetan Agarwal
- 4) Prof. Yogesh Pingle
- 5) Mr. Jigar Pandya

COURSE CONTENTS

- ❖ Introduction to HTML and hands-on
- **♦** CSS Fundamentals
- ❖ Introduction to Bootstrap
- **❖** JavaScript Programming
- ♦ Introduction to React with installation and basic understanding of React architecture
- Understanding ReactNative and running over android.
- ❖ Basics of Node.js and environment setup
- Node.js Loops, Event Emitter, Callback Concept
- ❖ Understanding REST API
- ♦ Developing an application
- Syllabus orientation for Semester V "Web Computing (Mumbai University)"

REGISTRATION FEES

- Rs. 500/- (Students)
 Rs 3000/- (Faculty and Industry)
- **Last Date of Registration:** 5 July 2022
- Confirm your seat by filling the below form https://forms.gle/zKiB7FM9cWwT6DKQA

CORRESPONDENCE

Prof. Vijal Jain

E-mail: Vijal.jain@thadomal.org

Contact: 9773981450

Prof. Himani Deshpande

E-mail: Himani.deshpande@thadomal.org

Contact: 8928468012

Note: ISTE Certificate will be issued to the participants who are having ISTE membership.











THADOMAL SHAHANI ENGINEERING COLLEGE

DEPARTMENT
OF
ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

&

UNDER THE GUIDANCE OF TSEC-IQAC IN ASSOCIATION WITH TSEC-IIC

PRESENTS

ISTE APPROVED ONE WEEK
SHORT TERM TRAINING PROGRAM
on

Full Stack Web Development

Duration: 11th July – 16th July, 2022

Convener: Dr. G. T. Thampi

Co-conveners: Dr. Madhuri Rao, Dr. Bhushan Jadhav Co-ordinators: Prof. Vijal Jain, Prof. Himani Deshpande



Address: Nari Gursahani Marg TPS III, Linking Road Bandra(W)
Mumbai-400050.

Thadomal Shahani Engineering College Department of Artificial Intelligence and Data Science

Presents

One-week ISTE-approved STTP on "Full Stack Web Development

Day wise Schedule

Day	Date		First half	Speaker Name		Second half	Speaker Name
1	12-07-22	10:30 AM - 11:30 AM	Inauguration and Keynote address	Dr. G. T. Thampi	2:00 PM-5:00 PM	CSS Fundamentals: Introduction, Types, CSS Selectors, CSS Fonts, CSS List, Tables, Positioning, CSS3.Syntax, Inclusion, Color, Background, Fonts, Tables, lists,CSS3 selectors, Pseudo classes, Pseudo elements	Prof. Sanober Shaikh
		11:30 AM- 1:00 PM	Introduction-HTML Basics: Elements, Attributes, Head, Body, Hyperlink, Formatting, Images, Tables, List, Frames, Forms, Multimedia	Prof. Chetan Agarwal			
		10:30 AM-	Java Script:- JavaScript language constructs, Objects in JavaScript- Built in,	Prof. Chetan	1:30 PM-3:00 PM	Variables, Operators, Conditions, Loops, Functions, Events, Classes and Objects, Error handling, Validations, Arrays, String, Date.	Prof. Sanober Shaikh/
2	13-07-22	1:00 PM	Browser objects and DOM objects, event handling, form validation and cookies.	Agarwal	3:00 PM-5:00 PM	Subject Orientation Program	Dr. Bhushan Jadhav/ Dr. Anjali Yeole
3	14-07-22	10:30 AM- 1:00 PM	React:- NPM, Installation, Environment Setup, Introduction To React, React:- Installing libraries, Folder and file structure, Components, render method, state and props, lifecycle, Flow Architecture, Model- View-Controller Framework, Flux, Bundling the Application.	Mr. Swapnil Mistry	2:00 PM-5:00 PM	React:- React Router and Single page applications, UI design, Forms, Events, Animations, ReactStrap. ReactNative:- App, State, Prop, Styling, Flexbox, Images, HTTP, Buttons, Running over Android.	Mr. Swapnil Mistry



4	15-07-22	10:30 AM- 1:00 PM	Node.js:- Environment Setup, First App, Asynchronous Programming, Callback Concept. Node.js:- Event Loops, REPL, Event Emitter, Simple application using Node.js.	Mr. Jigar Pandya	2:00 PM-5:00 PM	Node.js:- HTTP Concepts, Networking module, REST, Express:- Data Management With MongoDB, Installation and Deployment, Creating express app.	Mr. Jigar Pandya
5	16-07-22	10:30-12: 30	Introduction to Bootstrap: CSS overview, Grid system, Bootstrap:- Tables, Images, Buttons, Forms, Navbar, Breadcrumbs, Labels, Badges, Jumbotron, Groups	Prof. Yogesh Pingle	1:30-2:30	Evaluation test	
					3:00-4:00	Valedictory	





AI&DS DEPARTMENT TECHFEST'23

Date & Time: 6th March 2023

9am-5pm

Dr. G. T. Thampi
pRINTIPAL
Thadomal Shahani Engineering College
Baedra (W), Mumbal - 400 050.



Events: 2 Workshops

AiSTRA

AI-Quest

Venue: Lab 208

801,802

901,907

Lab 203,503

Seminar Hall







Organizers for the Event:

TE Mentor: Vrinda Bundelkhandi

Workshops:

Ayush Singh , Manjiri Khodke , Mrunmayee Hegiste , Pratiksha Limbulkar , Radha Tumbre , Siddharth Bhatia

AiSTRA:

Kaustubh Mhatre , Dipshree Parmar , Gaurang Patyane , Harsh Pawar , Shristi Shetty, Muskan Tolani , Vidhi Vaishnav , Naman Vashistha , Surya Yadav

AI-Quest:

Aditya Sawant , Pragati Jakhodia, Manav Mangela , Priya Waghela , Dipen Merchant , Pankti Muni , Pankhudi Jaiswal , Vidhi Jain , Yatharth Karanjikar





Workshop-1

Speaker: Jayesh Potlabattini

He took a workshop on CRUD React.

He is a 3rd year student of Thakur College of Engineering and Technology.

He is web developer and web designer. He and his team were the first runner up of TSEC-Hacks 2023.

He has worked in startups on React since past 2 years.

He is also a community manager at GenosisX.

https://www.linkedin.com/in/jayeshvp24/

Time: 9am - 10:30pm







Some Glimpses from Session:













Workshop-2

Speaker: Tanay Kamath

The speaker took a workshop on KOTLIN.

He is a 4th Year Computer Engineering Student in our College and a self-taught developer, primarily in native Android apps.

He explained the basics of Kotlin and introduction on the same.

https://www.linkedin.com/in/tanay-kamath-69a65019a/

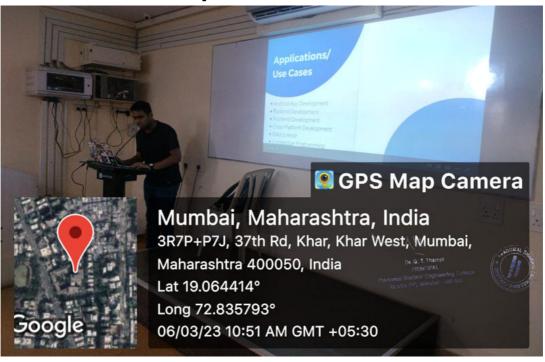
Time: 10:30 - 12pm







Some Glimpses from Session:











AiSTRA

It was based on AI tools and brainstorming where there were 3 rounds of competitions where teams were eliminated in each round and top 3 teams were the winners.

Total 45-50 teams consisting of 3 members each.

This event was open for FE, SE, TE & BE of all Departments.

Time : 1pm - 3pm

Winners: Team Vadapav

Galacitos

Jab tak hai Jaan







Round 1 - The Crosswits

It was a crossword round with questions related to artificial intelligence, machine learning and other technical terms. Total 4 sets were made and each of them had a question at the bottom and they had to solve it using the answers of the crossword and then move to the rooms assigned and five the answer of question on the bench assigned in that room. The fastest 20 teams progress to the next round.









Round 2 - Brisk Risk

It was a Jenga round. It was 1 vs 1 team round where technical based questions were asked and if they fail to answer they had to remove a block of Jenga.

The team which answers correctly is saved and the opposite team has to remove a block of Jenga.

As soon as the Jenga tower falls the team is then they will be eliminated and the other team moves to the next round.

Total 10 teams progress to the next round.











Round 3 - AISTRA

It was based on AI tools where total 5 questions were there.

Teams had to solve question 1 where 2 riddles were given and then move to the pdf link provided in which information about AI and their links were given and they had to use the AI's mentioned and give the desired output.

Each question had riddle which where the answer to the links of codeshare where they would have found the pdf of the AI to be used.









AI-QUEST

It was based on the learnings in the college and had some fun games like hangman and solve the code, round robin questions, decoding the morse code.

It had total 5 hints and was conducted in 2 tracks.

The last stage was to read the vision of the department and win!

Time : 3pm - 5pm

Winners: Team GKM (Track 1)

Naam (Track 1)

Farzi (Track 2)







Track 1 questions:

01010011 01110100 01100101 01100111 01100001 01101110 01101111 01100111 01110010 01100001 01110000 01101000 01111001

https://drive.google.com/drive/folders/1Yb_GJtV-ahXFjSo5UZLaiam29pANN1R5?usp=share_link

Hey welcome to the seminar , Himani ma'am is definitely beautiful! There are 7 processes given below: Find the RESPONSE TIME(RT). Each even process represent (.)[Eg.p2] and Each odd process represent (.)[Eg.p1].

PROCESS	ARRIVING TIME	BURST TIME	
P1	0	2	
P2 P3	0	3	
P3	2	1	
P4	6	s	
P5	6	3	
P6	12	2	
P7	14	4	

ANS(FORMATE): P1[RT]P2[RT]P3[RT] P4[RT]P5[RT] P6[RT]P7[RT]





203

503







Some glimpse:





















Prizes for the Winners:

- Textify AI vouchers worth 30\$ to each team for AiSTRA winners
- Wolfram Coupons one year subscription
 Offkick Sneakers coupons worth Rs 1500
 for AI Quest winners







Registration Links:

Workshop Registrations:

https://docs.google.com/spreadsheets/d/1AQ0_HyUBpaLDKVp7vw7x3FKkwlF61SM-eEFInVR-cm4/edit?resourcekey#gid=375039355

AiSTRA Registrations:

https://docs.google.com/spreadsheets/d/1wSPU5zYQsSTdh1L6ax 4_whOxInZYRrWpxgfbLletbUw/edit? resourcekey#gid=1085596640

AI-QuestRegistrations:

https://docs.google.com/spreadsheets/d/1g998nS5MNmAaPGSOQ3HT06LAmQM0x_wfLwIpploAtL0/edit#gid=1602570820







The organizing committee









REPORT PRESENTED ON HACKATHON BY ARTIFICIAL INTELLIGENCE & DATA SCIENCE BRANCH

NEED FOR CODE'22











TIME DURATION: 24 HOURS
MODE OF CONDUCTION: OFFLINE
NUMBER OF TEAMS:55







TEAMS DETAILS:

- Total registered teams:78
- Total shortlisted teams:55
- BOSTO DINIHA

- Intercollege teams registered:20+
- Registration from TSEC:45+







MENTORS

- Prof. Himani Deshpande
- Ms. Aatika Khan
- Mr Santosh Yadav
- Dr. Bhushan Jadhav
- Prof. Naveen Vaswani
- Mr. Harsh Kapadia







MENTORING SESSION















INTERNAL JUDGES:

- Dr. Jayant Gadge
- Dr Mukesh Israni
- Dr Shanthi Therese
- Dr. Seema Sharma
- Dr. Gopal Pardesi
- Dr. Shilpa Verma
- Dr. Arun Kulkarni
- Dr. Archana Patankar
- Dr. Arti Deshpande
- Dr Sachi Natu
- Dr. Tanuja Sarode
- Prof. Himani Deshpande
- Prof Sanober Sheikh
- Prof. Bharti Ingale
- Prof. Chetan Agarwal
- Prof Tasneem Mirza
- Prof Sakshi Surve
- Prof Kumkum Saxena







INTERNAL JUDGES:









EXTERNAL JUDGES:

- Mr Ishan Saksena
- Mr Ali Mustafa Shaikh
- Ms Dhanashree Pawar
- Ms Kanchan Tewani
- Mr Sunil Budhrani







EXTERNAL JUDGES:









COMMITTEE 2022-23









JUDGING ROUND















CASH PRIZES

WINNERS: 25,000 INR FIRST RUNNER-UP: 15,000 INR SECOND RUNNER-UP: 15,000 INR









WINNERS Mingwx86-TE COMPUTER



Sachin Jangid Jugal Ghia Manasi Ghutukade Suraj Chavan





FIRST RUNNER-UP

PIED PIPER-SE COMPUTERS



Jash Doshi Maithili Shinde Chetana Bhojwani Arnav Malvia





SECOND RUNNER-UP

RUNTIME TERROR-TE COMPUTERS



Manav Gandhi Yash Dalwani Ayush Dodia Amaan Ansari







EVENT SCHEDULE

NFC 2022 SCHEDULE						
DATE	TIME	DESCRIPTION				
26th July,2022	8:30	Reporting Time - Registration Begins				
26th July,2022	9:30	Registration Ends				
26th July,2022	9:30	Discussion of Problem Statements				
26th July,2022	10:00	Inaugration				
26th July, 2022	10:30	Inaugration Ends				
26th July,2022	11:00	Hackathon Starts				
26th July,2022	13:00	Lunch Break				
26th July,2022	16:00	Snacks				
26th July,2022	19:30	Mentoring Begins				
26th July,2022	20:00	Dinner				
27th July,2022	8:00	BREAKFAST				
27th July,2022	10:00	Presentation Prep				
27th July,2022	11:30	Internal Judging				
27th July,2022	1:00:00	LUNCH				
27th July,2022	2:00	External Judging Round				
27th July,2022	5:00	Winners Announce + Valedictory Ceremony				







ABOUT THE COMMITTEE

CodeTantra is the newly formed technical committee of Thadomal Shahani Engineering College. We have successfully organized Need For Code'22 and look forward to associating and collaborating with institutions around us and hosting webinars, seminars, tech fests, and other technical events in the near future. Our objective is to expand and surge opportunities for aspiring coders through our events and workshops. The committee collocates various events to monitor the applicability of existing standards, codes, and best practices. It offers technical expertise to other strategic initiatives. The committee prompts coding interests by updating people with new technologies and corporate applications. The committee organizes various workshops and coding competitions to make students take a step ahead toward their brilliant careers.







TEAM

SENIOR COMMITTEE

- Aakriti Sharma
- Aaryamonvikram Singh
- Aayushi Chauhan
- Aditya Patil
- Deep Shukla
- Deepti Gurnani
- Fahad Charolia
- Girish Rajani
- Khushi Ruparel
- Saris Singh
- Sourav Macwan
- Tushar Malankar
- Umang Divyora
- Ved Gadge
- Vrinda Bundelkhandi

JUNIOR COMMITTEE

- Ayush Singh
- Manjiri Khodke
- Meeraj Kanade
- Mitesh Singh
- Mrunmayee Hegiste
- Pratiksha Limbulkar
- Radha Tumbre
- Siddharth Bhatia

VOLUNTEERS

- Rachit Arora
- Soham Sanghv
- Khyati Vora
- Paratham Rohra











JOOMAIN WEB/APP







PROBLEM #1

REAL-TIME TRACKING OF STUDENTS' LEARNING OUTCOMES AND THEIR ACADEMIC PROGRESS IN SCHOOLS.



CURRENTLY IN SCHOOLS, TEACHERS TRACK STUDENTS' LEARNING OUTCOMES THROUGH REPORT CARDS WHICH ARE PREPARED MANUALLY. THIS IS A STANDARD PROCEDURE FOLLOWED THROUGHOUT THE COUNTRY. IN THE CURRENT SITUATION IT IS NOT POSSIBLE FOR A TEACHER TO PAY ATTENTION TO EVERY STUDENT AND FIND OUT THE BEST IN A CHILD.

HENCE THERE IS A NEED TO DEVELOP SOLUTIONS WHICH TRACKS ACADEMIC PROGRESS OF A STUDENT IN REAL TIME. INNOVATION IN THIS DOMAIN WILL BE APPRECIATED TO DEVELOP SYSTEMS WHICH AUTOMATICALLY READS THE STUDENTS PROGRESS AND GENERATES FEEDBACK, IT IS ALSO A GOOD WAY TO PROCEED.









PROBLEM #2

EVENTS SCHEDULER

COLLEGE IS AN INTEGRAL PART OF A STUDENT'S LIFE AND THIS IS BROUGHT UPON BY THE NUMEROUS SOCIAL AND EDUCATIONAL ACTIVITIES CONDUCTED THROUGHOUT THE YEARS.

AT TIMES THESE EVENTS CAN CLASH AND THE PERMISSION PROCESS ADDS ON TO THE DIFFICULTIES FACED. THE LONG VICIOUS CYCLE OF MAKING SURE THE DATE IS FREE AND APT FOR THE EVENT JUST ADDS TO THE PROBLEMS THE STUDENTS ALREADY FACE.

A WEB/APP THAT STREAMLINES THE ENTIRE PROCESS OF CHECKING FOR FREE DATES AND MAKING THE TASK OF GETTING PERMISSION EASIER. ADDING FEATURES LIKE AN ACTIVITY PAGE TO SEE WHAT IS HAPPENING AROUND THE COLLEGE AND ALSO MAKE THE WORK OF THE ORGANISING COMMITTEE EASIER.

RESEARCHING AND FINDING THE DIFFICULTIES THAT STUDENTS ARE MET WITH AND FINDING A SOLUTION FOR THE SAME.















PROBLEM #1

E-COMMERCE RECOMMENDER SYSTEM

A POPULAR WAY TO SELL PRODUCTS ONLINE IS THROUGH THE FORM OF DROP-SHIPPING. THIS INVOLVES SOURCING YOUR PRODUCTS FROM A THIRD PARTY AND THEN HAVE THEM SHIP THE PRODUCT DIRECTLY TO YOUR CONSUMERS.

BUILD A WEBSITE THAT HELPS BUYERS BY INTRODUCING SOME FORM OF RECOMMENDATION SYSTEM USING MODELS/

SENTIMENTAL ANALYSIS, AND SELLERS BY DISPLAYING CURRENT TRENDING CATEGORIES OR A PRIORITY-BASED SYSTEM FOR CERTAIN CATEGORIES OF GOODS.









PROBLEM #2

SMART CAREER CHOICES AND AI-BASED COUNSELLING

THE GRUELLING PROCESS OF CHOOSING THE RIGHT CAREER PATH IS SOMETHING ALL OF US DREAD TO FACE.

DESPITE THE UNLIMITED RESOURCES AVAILABLE ONLINE FINDING THE RIGHT ONE FOR YOU AND YOUR CAREER IS A HERCULEAN TASK.

CREATE AN AI-BASED CAREER COUNSELLING SYSTEM THAT CAN HELP MAKE THE PROCESS EASIER AND SIMPLER.

ALSO PROVIDING A PLATFORM TO STUDENTS IN DIFFERENT WALKS
OF LIFE TO INTERACT AND GET PERSPECTIVE.





HADOMAL SHAHANI ENGINEERING COLLEGE



CodeTantra

SOCIAL CAUSE









PROBLEM #1

PET FINDER

ONLY 10% OF THE DOGS BORN FIND A PERMANENT HOUSE. EACH YEAR, APPROXIMATELY 2.7 MILLION DOGS AND CATS ARE KILLED EVERY YEAR BECAUSE THEY AREN'T ABLE TO FIND A FOREVER HOME.

PAWS HUNGER AIMS TO BUILD AN APP/WEBSITE TO HELP AND SOLVE OR REDUCE THE PROBLEM.

POTENTIAL FEATURES:

- CAPTURE AND STORE IMAGES OF ANIMALS WHO NEED A HOME.
- TRACK AND STORE THE LOCATION OF THAT ANIMAL THAT NEEDS SHELTER.
- MAPS CAN BE USED TO PLOT LOCATIONS FOR EXISTING ANIMAL SHELTERS.
- MAKE A PLATFORM TO BUILD A COMMUNITY OF PEOPLE WHO CAN, COMMUNICATE, AND CHAT WITH OTHER POTENTIAL SHELTERS AND FOSTERERS.
- A PLATFORM TO COLLECT DONATIONS LIKE FOODS, MEDS, COLLARS, ETC.









WOMEN'S SAFETY PLATFORM

WOMEN'S SAFETY HAS BEEN A TOPIC OF CONCERN REGARDLESS OF THE TIME AND AGE.

DESPITE THE SURGES OF INDEPENDENCE WOMEN HAVE GOTTEN, THIS TASTE OF BEING SELF-SUFFICIENT HAS BEEN HINDERED BY THE CONSTANT NEED TO LOOK OVER THEIR SHOULDERS.

- CREATE A PLATFORM THAT ALLOWS WOMEN TO CONTACT OR FIND OTHER WOMEN (IN THE PRESENT TIME) AROUND THEM THAT CAN HELP THEM GET OUT OF AN UNCOMFORTABLE OR DIFFICULT SITUATION.
- HELP BUILD A COMMUNITY WHERE WOMEN TRAVELERS CAN INTERACT WITH EACH OTHER AND SUGGEST PLACES WHICH THEY VISITED AND FELT SAFE.
- THE PLATFORM NEEDS TO INCLUDE HELPLINE NUMBERS AND OTHER FEATURES WHICH CAN HELP WOMEN REGARDLESS OF THE SITUATION THEY MIGHT FACE.







S DOMAIN AIML

- 1. LITTLE GRADIENT- VEDANT
- 2. THE 4 GEEKS- PRATHIK
- 3. THE BUG STOPS HERE- MOKSHIT
- 4. SPY- SUNIDHI
- 5. TEAM CODINGTHUMBS-PRATHMESH
- 6. RUNTIME TERROR- MANAV
- 7. EMPTY905- MAYANI
- 8. GTA-DEON
- 9. OUTLIERS-PREET





SOCIAL CAUSE

10. I-TECHIE- GOURI 11 TEAM RABEL- ANANYA 12 PRIMITIVES- SIDHARATH 13 X86_64- MANDAR 14 NAKAMA- SHREYANSH 15 ALCHEMISTS- PARIA 16 FERVENT TECHIES- VEDANT 17 TERRIFYING TERABYTES- SUMANTA 18 NEED MORE TIME- HARSH 19 GEEKYHEROES- SHUBHAM 20 404 SKILLS NOT FOUND- DHRUVI 21 STAR TECH CODERS- GAURISH 22 IT SMASHERS- MEET 23 PIED PIPER- JASH 24 MINGWX86- SACHIN







STAPP STATES OF THE PROPERTY O

- 25. GEEKS SPEAKS HERTZ-HARSH
- 26. CHALLENGERS- VANITA
- 27. COMPILER- HARDIK
- 28. VIKAS- DHRUV
- 29. THE BUG SLAYERS- RUCHIKA
- 30. BIT_BY_BIT- HEER
- 31. TECHYCRAFTS-SOHAM
- 32. CAFFEINATED FINGERS- YASH
- 33. HACKODERS-PRERAK
- 34. CODELINK-HIMANSHU
- 35. RUNTIME TERROR- DAANISH
- 36. THE KODIKAS- VISHESH
- 37. GIT_INIT-PANKAJ
- 38. HACKO'HOLICS- VEDANT
- 39. DEPRESSI SPAGHETTI- BHARAT
- 40. CODE DIGGERS-RIZ





STATE OF THE STATE

- 41. HOJAYEGA- BHAVYA
- 42. CODE CREW-ISHAAN
- 43. SUCK UPS- AZEEM
- 44. RUNTIME TERROR- AADITYA
- 45. TEAM 7- KRISHANA
- 46. THE DEBUG THUGS- DEVESH
- 47. 3 DIFFERENT DATA TYPE- SAHIL
- 48. ESCAPE HACKERS- VAIBHAVI
- 49. MAVERICKS-DARSHAN
- **50. CODEFIGHTERS- AADITYA**
- 51. VCETIANS- VAISHNAVI
- **52. HACKATOONS- MANN**
- 53. D'PRESS^4- YASHNA
- 54. HERE TO SLEEP- ETASH
- 55. CODE WITH COFFEE- ARCHIT







RULES

- i) **Plagiarism** or re-using of past work is strictly prohibited. If upon inspection, it is found that the project has reused code that was not disclosed with the submission, the organizer may ask the participant to point out similarities and differences between the old and new work, and/or disqualify the submission from winning awards automatically.
- ii) We also request you to commit and push your code to **GitHub** regularly, as we might ask for access to your team's repository at any time during the event.
- iii) Teams are requested to join the registration line on the day of the hackathon ONLY **after** ALL their team members are present and you are also expected to know your team's name and team number beforehand.
- iv) **No discrimination**, on the basis of the following, shall be tolerated: gender, gender identity and expression, age, sexual orientation, disability, physical, appearance, body size, race, ethnicity, nationality, religion, political views, previous hackathon attendance, lack of computing experience, lack of chosen programming language, tech stack.





CodeTantra RULES

- v) **Harassment** of any kind will NOT be tolerated.
- vi) Participants are NOT allowed to **leave** the college premises after 5:00 PM on 26th July 2022. If found, the whole team shall be disqualified under any circumstances,
- vii) If you notice any violation of these rules and regulations or find otherwise suspicious behavior or have any concerns, please **contact** a member of the hackathon organizing committee immediately.
- viii) No college property should be damaged by the participants during the participants. In case it is, appropriate fines will have to be paid to the respective committee.

Event Name: JavaGenix 2022

(28TH October 2022)

• Event Convener: Dr. Shanti Therese

• Event Coordinator: Prof. Sanober Shaikh

• Event held under the guidance of : Dr. Arun Kulkarni(HOD-IT)

• Event Description :

JavaGenix 20223 was a technical event organised by the Information Technology Department of Thadomal Shahani Engineering College. It was a competition where in students showcased their Java Based Mini Projects which are a important part of their Sem 3 curriculum. The event had two rounds- In the first round the students had to show demo of their working projects, based on which top 10 teams were selected for the final round. In the final round each team was allotted 10mins to present their problem statement and show the working of the solution they came up with in the form of Java Based project. The team with the most innovative idea and efficient solution was declared as the winner. The judging panel included the most experienced and knowledgeable teachers of I.T department which guided the students throughout the semester and motivated them to come up with the best projects possible.

Winning Teams:

1. Winner:

Team Members:-

1.Rugved Mairal



2. Pratiksha Limbulkar

3.. Samarth ShanbhagShaunak

Project title :- Cafe management system

Description:

It is a system based on the Java language that digitizes the entire process of ordering and bookkeeping for retail stores,

specifically cafes while also printing out bills

2. Runner Up:

Team members:-

1. Ninad Naik

2. Anas Khan

3. Ayesha Nagdawala,

Project title: PassVault - password manager

Description: An intuitive and secure password manager. Java,

Swing, MySQL Password Manager built for the next million

people connecting to the internet for the first time, uses hashing

AES-256 encryption. Supports random password

generation, periodic reminders and more.

3. Second Runner up:

Team Members:-

1. Sumil suthar

2. Sarthak Tanpure

3.Om Pathak,



Project title: Universal Healthcare System







Event Name: WebGenix 2022

(28th October)

• Event Convener: Dr. Shanti Therese

• Event Coordinator: Prof. Sanober Shaikh

• Event held under the guidance of : Dr. Arun Kulkarni(HOD-IT)

• Number of students participated: 129 students

• Event Description :

WebGenix 2022 was a technical event organised by the Information Technology Department of Thadomal Shahani Engineering College. It was a competition where in students showcased their WebBased Mini Projects which are a important part of their Sem 5 curriculum. The event had two rounds- In the first round the students had to show demo of their working projects, based on which top 10 teams were selected for the final round. In the final round each team was allotted 10mins to present their problem statement and show the working of the solution they came up with in the form of WebBased project. The team with the most innovative idea and efficient solution was declared as the winner. The judging panel included the most experienced and knowledgeable teachers of I.T department which guided the students throughout the semester and motivated them to come up with the best projects possible.

Winning Teams:

1. Winner: Group No 38

Team Members:-



Siddharth Nachane, Ishaan Shinde, Adhiraj Soparkar

Project title :- Recipefolio

Description Of Project :-

Recipefolio is a recipe search engine that lets users select

ingredients which are commonly found in most kitchens and

shows them recipes they could make with their selection of

ingredients.

2. Runner Up: Group No 31

Team members:- Nahush Patil, Gargi Sathe, Mokshit Surana

Project title: DSA visualizer

Description: DSA Park is a visualizer for different Data

structures and algorithms. It helps you in understanding

concepts better.

3. Second Runner up: Group No 28

Team Members:- Prasad Ranjane, Archit Rathod, Omkar

Bhostekar

Project title: EDU SYS (CO-PO-PSO Mapping System)

Description: Edu Sys is an attempt to reduce the manual work

of teachers and by automating the entire flow of Outcome Based



Education (OBE) system for a college. It helps in performing complex mapping

calculations in an effortless way using the latest Rubrics provided by the University.















Event Name: PyExpo 2023

(5TH April 2023)

• Event Convener: Dr. Shanti Therese

• Event Coordinator: Prof. Sanober Shaikh

• Event held under the guidance of : Dr. Arun Kulkarni(HOD-IT)

• Event Description :

PyExpo 20223 was a technical event organised by the Information Technology Department of Thadomal Shahani Engineering College. It was a competition where in students showcased their Python Based Mini Projects which are a important part of their Sem 3 curriculum. The event had two rounds- In the first round the students had to show demo of their working projects, based on which top 10 teams were selected for the final round. In the final round each team was allotted 10mins to present their problem statement and show the working of the solution they came up with in the form of Python Based project. The team with the most innovative idea and efficient solution was declared as the winner. The judging panel included the most experienced and knowledgeable teachers of I.T department which guided the students throughout the semester and motivated them to come up with the best projects possible.

Winning Teams:

1. Winner:

Team Members:-

Sumil Suthar, Shreyas Dhamanakar, Sarthak Tanpure,



Shaunak Rananaware

Project title :- Gym Buddy

2. Runner Up:

Team members:- Anmol Tripathi, .Mitesh Audichya, Avadhoot

Dhumal, .Chetan Patil

Project title: Voice based Assistant

Description: It is a Voice based assistant using python

Wide range of tasks, such as playing music, answering

questions, making call opening applications and many more can

be done by using this assistant. We used PYQT for GUI.

3. Second Runner up:

Team Members: - 1. Ninad Naik, Gaurav Ghade, Atharva Pandit,

Atharva Honrao

Project title: Public speaking practice app

Description Of Project:

SpeakSure is a Public Speaking Practice App aimed to improve

public speaking skills. It measures speech metrics — filler

words, speech pace, confidence level and gives feedback and

tracks progress based on them.









Dr. G. T. Trannpi PRINTIPAL Thadomal Shaham Engineering College Bandra (W), Mumbal - 400 050.



Event Name: Machine Intelligence 2.0 2023

(6TH April 2023)

• Event Convener: Dr. Shanti Therese

• Event Coordinator: Prof. Sanober Shaikh

• Event held under the guidance of: Dr. Arun Kulkarni(HOD-IT)

• Event Description :

Machine Intelligence 2.0 20223 was a technical event organised by the Information Technology Department of Thadomal Shahani Engineering College. It was a competition where in students showcased their Machine Learning Based Mini Projects which are an important part of their Sem 3 curriculum. The event had two rounds- In the first round the students had to show demo of their working projects, based on which top 10 teams were selected for the final round. In the final round each team was allotted 10mins to present their problem statement and show the working of the solution they came up with in the form of Machine Learning Based project. The team with the most innovative idea and efficient solution was declared as the winner. The judging panel included the most experienced and knowledgeable teachers of I.T department which guided the students throughout the semester and motivated them to come up with the best projects possible.

Winning Teams:

1. Winner:

Team Members:-



- 1. Mokshit Surana
- 2. Archit Rathod
- 3.Gargi Sathe
- 4.Omkar Bhostekar

2. Runner Up:

Team members:-

- 1. Siddesh Shetty
- 2.Prateek Vishwakarma
- 3. Swapnil Vishwakarma
- 4. Veer Pariawala

3. Second Runner up:

Team Members:-

- 1.Aadi Vora
- 2.Siddharth Yadav
- 3. Abhishek Shirke
- 4. Sandeep Sinha











Roadmap to Hackathons

Event Details:

Event Name: Speaker Session / Tech Talk - Roadmap to Hackathons

Date: 21st September 2022

Time: 3 pm to 4 pm

Location: Lab 208, Thadomal Shahani Engineering College, Mumbai

Speakers: Jash Makhija, Gaurav Raj, Arjun Balamwar, Sachin Jangid, Harsh

Shah

Event Overview:

The event, organized by the Google Developer Student Clubs TSEC in collaboration with Codestorm, aimed to provide a one-stop solution to clear all doubts and help participants get the best hackathon experience. The workshop was designed to provide crucial advice from knowledgeable presenters, focusing on time management, division of work, techstacks' usage, adept presentation skills, and much more.

Event Description:

The event was designed to help participants understand what gives them an edge in Hackathons. Participants were encouraged to prepare for a Hackathon by picking up crucial advice from the experienced speakers. The event aimed to help participants navigate the chaos of a hackathon and provide them with a clear roadmap to success.

Speakers' Contributions:

The speakers played a pivotal role in preparing the students for the hackathon. They shared their experiences and provided valuable tips on how to succeed in hackathons. They emphasized the importance of time management, division of work, and techstacks' usage. They also highlighted the importance of having a unique idea and an excellent presentation. The speakers encouraged the participants to work on their ideas, brainstorm with their teams, and be ready with practical solutions. They also stressed the importance of having fun and learning during the hackathon, and not to take it as a competition.



Hackathon Explained:

A hackathon is a design sprint-like event where computer programmers and others involved in software development, including graphic designers, interface designers, project managers, domain experts, and others, collaborate intensively on software projects. Hackathons are events put together to bring the coding community together. They're typically over a weekend. "Hackers" get together and pitch ideas. People then split up into teams and work on turning the ideas into apps.

Hackathons are tools to drive sustained innovation and crowdsource solutions to address pressing real-life business problems and social issues. They are inclusive, agile, promote multidisciplinary collaboration, and have shorter innovation cycles that are better suited to addressing fast-changing consumer demands.

Tips and Tricks for Hackathon Success:

Preparation: Preparation is essential to success in a hackathon. Research some topics beforehand, understand what the organizing company is working on and what their projects are, look for indications of the hackathon theme, and research potential hackathon participants.

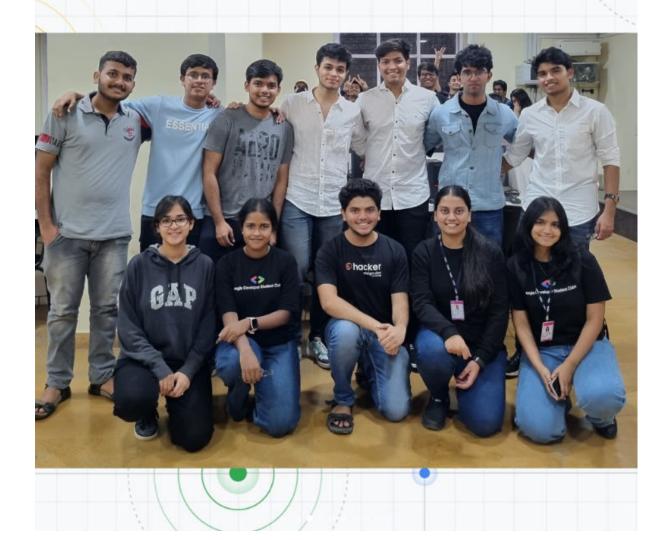
- Team Building: Most hackathons foster team participation, so use that to your advantage. Partner with other people you know will attend and form a small group (no more than five people), and make sure it is a diverse team. Having five developers working on the same idea can lead you to miss out on opportunities to show your great idea.
- Goal Setting: Consider why you want to join in the first place. Do you want to learn a new skill but don't know where to start? Are you looking for a way to add to your portfolio by coding something? Create an app using an API you've never used before. Are you looking for a job? Know why you're there and what you want to get out of it so you can plan accordingly.
- Market Research: Don't rush into creating a prototype/minimum viable product (MVP) or, even worse, a complete product. You'll have to do a lot of googling to find out what you're looking for. Look for similar ideas that have already been executed similar to your own (both locally and worldwide).

Footfall:

The event was a success, with a high footfall of 41 offline attendees. The event was well-attended, indicating the high demand for such workshops among the participants.



Roadmap to Hackathon



Conclusion:

The event was a great success, providing valuable insights and advice to the participants. The speakers shared their experiences and provided tips on how to succeed in hackathons. The event was well-attended, indicating the high demand for such workshops among the participants. The event served its purpose of providing a clear roadmap to success in hackathons.



Introduction to Google Cloud Career Practitioner Campaign

Event Details:

Event Name: Seminar - Introduction to Google Cloud Career Practitioner

Campaign

Date: 4th November 2022

Time: 7 pm

Location: Online

Speakers: Girish Rajani, Tanvi Mantri

Event Overview:

The event, organized by the Google Developer Student Clubs UMIT and TSEC, aimed to provide a comprehensive introduction to the Google Cloud Career Practitioner Campaign. The seminar was designed to provide participants with real-world, hands-on experience using Google Cloud technologies essential to the Cloud Engineering Role. The event was structured to cover 13 Learning Activities/Modules, On-Demand Courses, Labs, and Skill Badges.

Event Description:

The event aimed to help participants understand the basics of cloud computing, its applications, and the insights on the upcoming Google cloud program. The speakers, Girish Rajani and Tanvi Mantri, shared their experiences and provided valuable tips on how to succeed in the Google Cloud Career Practitioner Campaign. The event also included a QnA session on cloud, eligibility for rewards, certifications, skill badges, and swags.

Speakers' Contributions:

The speakers played a pivotal role in preparing the students for the Google Cloud Career Practitioner Campaign. They shared their experiences and provided valuable tips on how to succeed in the campaign. They emphasized the importance of understanding the basics of cloud computing, its applications, and the insights on the upcoming Google cloud program. They also stressed the importance of eligibility for rewards, certifications, skill badges, and swags.

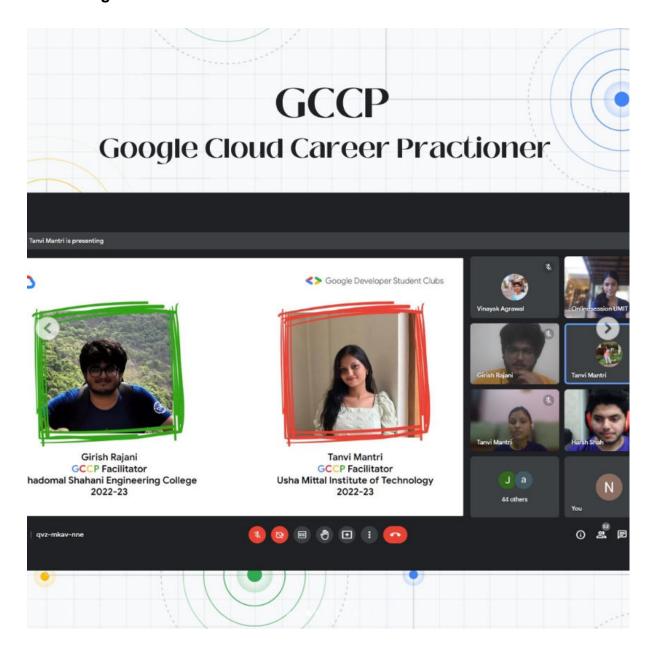


Google Cloud Career Practitioner Campaign Explained:

The Google Cloud Career Practitioner Campaign is an opportunity to launch your career in the cloud and gain practical experience with the Google Cloud Platform, the collection of cloud computing services that underpins popular web applications like Google Search, Gmail, Drive. The campaign provides a track of career readiness modules that help students gain proficiency with industry-recognized training and certification.

- Understand the Basics of Cloud Computing: Before starting the Google Cloud Career Practitioner Campaign, it's essential to understand the basics of cloud computing. This includes understanding what cloud computing is, its applications, and how it works.
- Prepare for the Campaign: The campaign provides 13 Learning Activities/Modules, On-Demand Courses, Labs, and Skill Badges. It's important to prepare for these activities and prepare for the QnA session on cloud.
- Stay Eligible for Rewards, Certifications, Skill Badges, and Swags: The campaign provides rewards, certifications, skill badges, and swags. It's important to stay eligible for these rewards and keep earning them.





Conclusion:

The event was a great success, providing valuable insights and advice to the participants. The speakers shared their experiences and provided tips on how to succeed in the Google Cloud Career Practitioner Campaign. The event was well-attended, with 64 online participants, indicating the high demand for such workshops among the participants. The event served its purpose of providing a clear roadmap to success in the campaign.



Automation Simplified

Event Details:

Event Name: Seminar - Automation Simplified

Date: January 1, 2023 - January 4, 2023

Time: 6:00 PM - 8:00 PM GMT+5:30

Location: Online

Footfall: 40 participants

Speakers: Girish Rajani, Sarah Pendhari, Harsh Shah, Sachin Jangid

Event Overview:

The event, organized by the Google Developer Student Clubs (GDSC) TSEC, aimed to provide a comprehensive introduction to the field of automation. The seminar was designed to provide participants with practical experience in creating their own bots and extensions. The event was structured to cover key themes related to web automation and bot creation.

Event Description:

The event aimed to help participants understand the basics of bots and extensions, how to select a good problem for automation, the fundamentals of web DOM, and the tools needed to create a bot and extension. The speakers, Girish Rajani, Sarah Pendhari, Harsh Shah, and Sachin Jangid, did an excellent job of explaining these concepts in detail. They emphasized the importance of understanding the basics of bots and extensions, how to select a good problem for automation, and the fundamentals of how they work. They also stressed the importance of learning how to create one of your own.

Participants got a chance to showcase the bots or extensions they created during the campaign and gain valuable feedback from the speakers. This interactive session allowed participants to apply what they learned in a practical context, further enhancing their understanding of the concepts.



Speakers' Contributions:

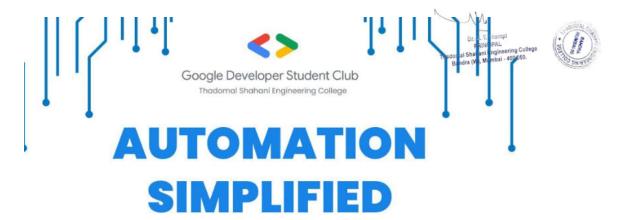
The speakers played a pivotal role in preparing the students for the Automation Simplified campaign. They shared their experiences and provided valuable tips on how to succeed in the campaign. They emphasized the importance of understanding the basics of bots and extensions, how to select a good problem for automation, and the fundamentals of how they work. They also stressed the importance of learning how to create one of your own.

Agenda:

The event was structured over four days, with the following agenda:

- Sunday: Introduction to Bots
- Monday: Introduction to Extensions
- Tuesday: Tools needed to create a bot and extension
- Wednesday: Walkthrough of creating a bot or extension

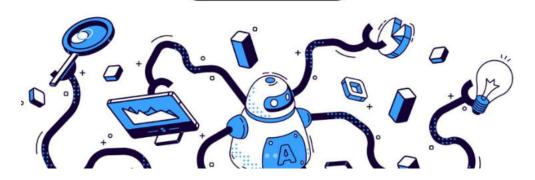
Event Images:



Experience the simplicity and power of automation by learning about bots and extensions.



1st - 4th January











Experience the simplicity and power of automation by learning about bots and extensions









Conclusion:

The event was a great success, providing valuable insights and advice to the participants. The speakers shared their experiences and provided tips on how to succeed in the Automation Simplified campaign. The event was well-attended, with 40 participants, indicating the high demand for such workshops among the participants. The event served its purpose of providing a clear roadmap to success in the campaign.



Google Solution Challenge Info Session

Event Details:

Event Name: Seminar - Google Solution Challenge Info Session

Date: February 15, 2023

Time: 11:00 AM - 11:45 AM GMT+5:30

Location: Room No-305, Thadomal Shahani Engineering College - Mumbai

Footfall: 23 participants

Event Overview:

The Google Solution Challenge Info Session was organized by the Google Developer Student Clubs (GDSC) TSEC. The event aimed to provide participants with all the details about the Google Solution Challenge and how they can participate. The seminar was designed to provide participants with practical experience in applying their knowledge and critical thinking, and coming up with innovative solutions to real-world problems.

Event Description:

The event was an excellent platform for participants to showcase their talents, gain practical experience, and make a difference. The speakers did a great job of explaining the details about the Google Solution Challenge and how participants can participate. They emphasized the importance of working with a team of like-minded individuals and applying knowledge and critical thinking to come up with innovative solutions to real-world problems.

Participants had the opportunity to learn about the Google Solution Challenge, a challenge that puts technical skills to the test and gives a chance to showcase abilities to the world. The speakers provided all the necessary details about the challenge, the rules, and how to participate. They also highlighted the importance of the Google Solution Challenge as a platform to showcase talents, gain practical experience, and make a difference.







Solution day



Key Themes:

The key theme of the event was the Google Solution Challenge. Participants learned about the challenge, its rules, and how to participate. They also learned about the importance of the challenge as a platform to showcase talents, gain practical experience, and make a difference.

Conclusion:

The event was a great success, providing valuable insights and advice to the participants. The speakers shared their experiences and provided tips on how to succeed in the Google Solution Challenge. The event was well-attended, with 23 participants, indicating the high demand for such workshops among the participants. The event served its purpose of providing a clear roadmap to success in the challenge.



Uxplore - Trust your creativity

Introduction

This report provides an overview of the Uxplore event organized by GDSC TSEC and RC TSEC. The event took place on March 20th and 21st at Thadomal Shahani Engineering College in Mumbai, Maharashtra. The Uxplore event aimed to provide participants with a deep dive into the world of UI/UX design through inspiring talks and a workshop on Figma.

Event Details:

Event Name: Seminar - Uxplore - Trust your creativity

Date: March 20, 2023 - March 21, 2023

Time: 3:00 PM - 5:00 PM GMT+5:30

Location: TSEC New Building, Room No-508, Thadomal Shahani Engineering

College - Mumbai

Footfall: 86 participants

The Uxplore event was a flagship event of GDSC TSEC and was designed to promote UI/UX design skills among participants. The event featured two industry leaders, Trushant Narwani, Head of Design at Solblocks, and Faiz Malkani, Head of Product at Rippl and GDG Mumbai organizer, who delivered insightful talks on various aspects of UI/UX design.

Event Schedule

Day 1: March 20, 2023

Speaker: Trushant Narwani

Talk Topics:

- Importance of UI/UX
- Design Workflow
- Al and Design Future



On the first day of the event, Trushant Narwani, an experienced designer from Solblocks, delivered a talk on the importance of UI/UX design. He discussed the significance of a well-designed user interface and user experience in creating successful products. Trushant also covered the design workflow and provided insights into how AI technology is shaping the future of design.

Day 2: March 21, 2023 Speaker: Faiz Malkani

Talk Topics:

- Product-focused design systems
- User-centered design for success
- Real-world UX case studies

On the second day of the event, Faiz Malkani, Head of Product at Rippl and GDG Mumbai organizer, delivered a talk on product-focused design systems. He emphasized the importance of designing products that prioritize the needs and preferences of users. Faiz also shared real-world case studies to illustrate the impact of user-centered design on the success of products.

Event Description:

The event featured two inspiring talks from industry leaders Trushant Narwani, Head of Design at Solblocks, and Faiz Malkani, Head of Product at Rippl and GDG Mumbai organizer. Trushant's talk covered the Importance of UI/UX, Design Workflow, and the AI and Design Future. Faiz's talk focused on Product-focused design systems, User-centered design for success, and Real-world UX case studies.

In addition to the talks, participants had the opportunity to attend an engaging workshop on Figma, a popular design tool used by professionals worldwide. This workshop provided participants with hands-on experience and the opportunity to learn from experienced designers.

Overall, the Uxplore event was a successful seminar that brought together industry leaders and participants interested in UI/UX design. The talks by Trushant Narwani and Faiz Malkani provided valuable insights and knowledge on various aspects of UI/UX design, while the Figma workshop offered practical learning opportunities. The event achieved its goal of promoting UI/UX design skills and inspiring participants to trust their creativity in the design process.



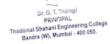






UXPLORE

. Trust your creativity .











Key Themes:

The key themes of the event were UI/UX design and the use of Figma as a design tool. Participants learned about the importance of UI/UX, the design workflow, and the future of design with AI. They also learned about product-focused design systems, user-centered design for success, and real-world UX case studies.

Conclusion:

The Uxplore event was a great success, providing valuable insights and advice to the participants. The talks by Trushant Narwani and Faiz Malkani were well-received, and the Figma workshop was a highlight of the event. The event was well-attended, with 86 participants, indicating the high demand for such workshops among the participants. The event served its purpose of providing a clear roadmap to success in the field of UI/UX design.





Mockupp - A 10-hour Designathon

This report provides an overview and detailed information about the GDSC-TSEC Mockupp event organized by the Google Developer Student Clubs (GDSC) of TSEC and RCTSEC. The event was a 10-hour designathon aimed at enhancing UI/UX skills and fostering collaboration among design enthusiasts. The report includes information about the event's objectives, speakers, and PR message, as well as a comprehensive analysis of the topics covered during the event.

Event Details

Event Name: Mockupp - A 10-hour Designathon

Organizers: GDSC-TSEC & RCTSEC

Date: 26th March

Time: 10 am to 8 pm IST

Location: Online (Discord Server)

Judges: Faiz Malkani, Trushant Narwani, Tanya Chandnani

Event Objectives:

The Mockupp designathon aimed to provide participants with an opportunity to showcase their UI/UX skills, think creatively, visualize ideas, and transform them into outstanding designs. The event fostered collaboration among design enthusiasts and encouraged participants to think outside the box to create innovative and impactful designs.

Judges

The event featured industry experts who shared their knowledge and experience in the field of design. The speakers included:

1. Faiz Malkani: Faiz is currently leading product and design at Rippl, focusing on strategic and experience design. He is passionate about inclusive design and accessible tech. Faiz has extensive experience in community-building and has organized and run GDG MAD for the past 7 years. He has given 28 talks in the last 6 years.



- 2. Trushant Narwani: Trushant is a final-year Computer Engineering student and the Head of Design at Solblocks. His journey in design started as a hobby in school with graphic design. With his web development experience in college, he ventured into UX/UI design and has since dedicated himself to this field.
- 3. Tanya: Tanya is a highly talented and skilled UI/UX Designer. She has recently worked with Discovery Admin, a US-based company, where she was recognized for her strong work ethic and valuable contributions. Tanya was also associated with ProdX, a Delhi-based product development and web design company, where she proved to be an invaluable asset to the team.

Event Overview

The event, organized by the Google Developer Student Clubs TSEC and RCTSEC, aimed to provide a platform for design enthusiasts to put their UI/UX skills to the test. The designathon, named "Mockupp", was a perfect opportunity to showcase skills, collaborate with other designers, and bring ideas to life. The event was designed to be a fun and engaging experience, encouraging participants to think creatively and bring their ideas to life within a 10-hour timeframe.

Event Description

The event was a designathon, a type of event where participants are given a set amount of time to design a solution to a problem. In this case, the challenge was to bring ideas to life within the constraints of a 10-hour timeframe. The event was designed to be a fun and engaging experience, encouraging participants to think creatively and bring their ideas to life. The event was also a great opportunity to collaborate with other designers and showcase their skills.

Judges' Contributions

The event was judged by three experts in the field of design: Faiz Malkani, Trushant Narwani, and Tanya. Their expertise and insights were invaluable in assessing the designs produced during the event. They brought a wealth of experience and knowledge to the judging process, providing valuable feedback and insights to the participants.



Tips and Tricks for Designathon Success

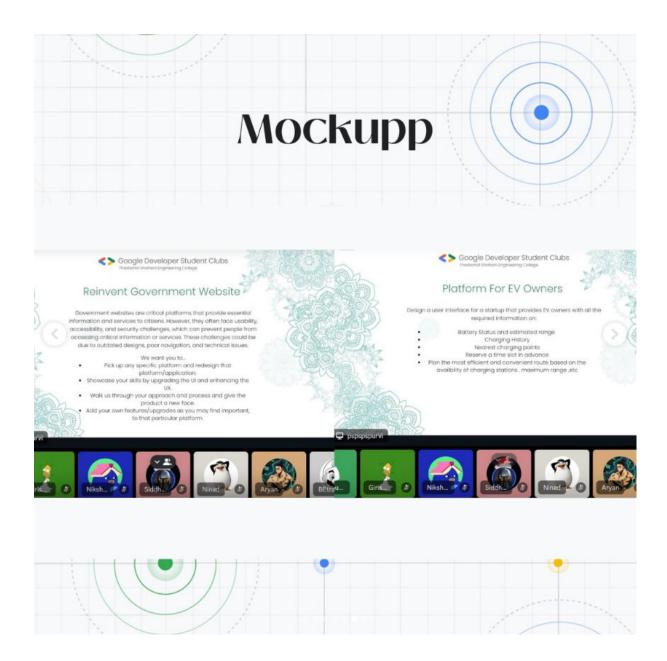
- Preparation: Just like any other design challenge, preparation is key.
 Understand the problem statement, brainstorm ideas, and plan your approach. Don't rush into designing; take your time to understand the problem and come up with a creative solution.
- Collaboration: Designathons are about collaboration. Work together with your team to come up with innovative solutions. Share ideas, give feedback, and learn from each other.
- Time Management: Given the time constraint of the designathon, it's important to manage your time effectively. Break down the design process into manageable tasks and allocate time for each task.

Event Images









Conclusion

The Mockupp designathon was a great success, providing a platform for design enthusiasts to showcase their skills and collaborate with other designers. The event was well-received, with 24 participants registering for the event. The judges' expertise and insights were invaluable in assessing the designs produced during the event. The event served its purpose of providing a platform for designers to challenge themselves and have fun while doing so.



High Performance Computing - Industry Interaction

Event Details:

Event Name: High Performance Computing - Industry Interaction

Organizers: GDSC-TSEC

Date: 27th March

Time: 11 am to 12:45 pm

Location: Thadomal Shahani Engineering College, Marg Off Linking Road,

Mumbai, Maharashtra, 400050

Speaker: Smt. Urvashi Karnani Gaur, Scientific Officer (F) at BARC

Event Overview:

The event, organized by the Google Developer Student Clubs TSEC, aimed to provide an insightful talk on High Performance Computing (HPC) by Smt. Urvashi Karnani Gaur, a Scientific Officer at BARC. The event was an opportunity for tech enthusiasts and students to learn from one of the best in the field of HPC 1.

Event Description:

High Performance Computing (HPC) refers to the use of computer systems that are designed to perform complex calculations and processing tasks at extremely high speeds. HPC is used in a wide range of applications, including scientific research, engineering simulations, financial modeling, weather forecasting, and data analysis.

The development of HPC systems has been driven by advances in computer hardware and software, as well as innovations in networking and storage technologies. HPC systems are often used in conjunction with specialized software tools and programming languages that are optimized for parallel processing and distributed computing.

High Performance Computing (HPC) refers to the use of computer systems that are designed to perform complex calculations and processing tasks at extremely high speeds. HPC systems are essential tools for researchers and organizations that need to analyze and process vast amounts of data quickly.



HPC has a wide range of applications across various industries. Some of the key applications of HPC include:

- Scientific Research: HPC plays a crucial role in scientific research by enabling complex simulations and modeling. It is used in fields such as physics, chemistry, biology, and astronomy to analyze and process large datasets, perform computational experiments, and simulate real-world phenomena.
- Engineering Simulations: HPC is extensively used in engineering to simulate and analyze complex systems and structures. It enables engineers to conduct virtual testing and optimization, leading to cost and time savings in product development. Applications include computational fluid dynamics, structural analysis, and finite element analysis.
- Financial Modeling: HPC is utilized in the financial sector for high-frequency trading, risk analysis, portfolio optimization, and Monte Carlo simulations. It enables financial institutions to process large volumes of data and perform complex calculations in real-time, leading to improved decision-making and reduced time-to-market for financial products.
- Weather Forecasting: HPC plays a vital role in weather forecasting and climate modeling. It enables meteorologists to process vast amounts of meteorological data, run complex numerical models, and simulate weather patterns. HPC-based weather forecasting models improve the accuracy and timeliness of weather predictions, leading to better disaster preparedness and resource allocation.
- Data Analysis: HPC is used in data-intensive fields such as genomics, bioinformatics, and big data analytics. It enables researchers and data scientists to process and analyze large datasets to derive meaningful insights and make data-driven decisions. HPC facilitates tasks like genome sequencing, pattern recognition, machine learning, and data mining.

Speaker's Contributions:

Smt. Urvashi Karnani Gaur, a Scientific Officer at BARC, shared her journey and experiences in the field of HPC. She has made significant contributions to the development of indigenous Storage Area Network-based Storage Systems like SANGRAH and ANUPAM. She also played a major role in designing and developing the Data Archival Storage System of MACE Telescope Hanle, Ladakh, a shining example of the "Make in India" initiative. Her experience and expertise provided valuable insights into the world of high performance computing.









Conclusion:

The High Performance Computing - Industry Interaction event was a great success, providing valuable insights and knowledge about the field of high performance computing. The event was well-received, with 70 participants registering for the event. The speaker's expertise and insights were invaluable in providing valuable knowledge about the field of high performance computing. The event served its purpose of providing an opportunity for tech enthusiasts and students to learn from an expert in the field.



Hacking 101 - Seminar

Event Details:

Event Name: Hacking 101 - Seminar

Organizers: GDSC-TSEC

Date: 12th April 2023

Time: 3:00 pm to 5:00 pm

Location: Room 508, NB, Thadomal Shahani Engineering College, Marg Off

Linking Road, Mumbai, 400050

Speaker: Jaden Furtado, Offensive Security Engineering Intern at RUDRA

Secure

Event Overview:

The event, organized by the Google Developer Student Clubs TSEC, aimed to provide an insightful talk on "Hacking 101: A Beginner's Guide to Capture The Flag (CTF) Competitions" by Jaden Furtado, an Offensive Security Engineering Intern at RUDRA Secure. The event was an opportunity for tech enthusiasts and students to learn from an expert in the field of cybersecurity 1.

Event Description:

Capture The Flag (CTF) competitions are a popular way for aspiring and professional ethical hackers to improve and evaluate their skills in a more fun way. CTF is an information security contest in which participants are assigned a certain number of tasks to get into the servers and steal an encoded string from a hidden file. This string resembles sensitive information and is known as a flag. Participants capture these flags using their ethical hacking skills and put these flags into the CTF server 3.

Speaker's Contributions:

Jaden Furtado, an Offensive Security Engineering Intern at RUDRA Secure, shared his extensive experience in cybersecurity. He walked the participants through the basics of CTF competitions, tips, and tricks to get started, and how to approach challenges like a pro. His experience and expertise provided valuable insights into the world of ethical hacking 1.



Topics Covered:

The speaker covered several key topics in the seminar:

- Introduction to Capture The Flag (CTF) Competitions: He explained what CTF competitions are, their purpose, and how they are conducted.
- Ethical Hacking Basics: He covered the basics of ethical hacking, including understanding the difference between ethical and malicious hacking, and the importance of ethical hacking in protecting systems and data.
- CTF Competition Structure: He explained the structure of a CTF competition, including the tasks participants are given and the process of capturing flags.
- Tips and Tricks for CTF Competitions: He shared tips and tricks for participating in CTF competitions, including how to approach challenges and what tools to use.
- Career Opportunities in Cybersecurity: He discussed the career opportunities in the field of cybersecurity, including roles such as ethical hackers and offensive security engineers.

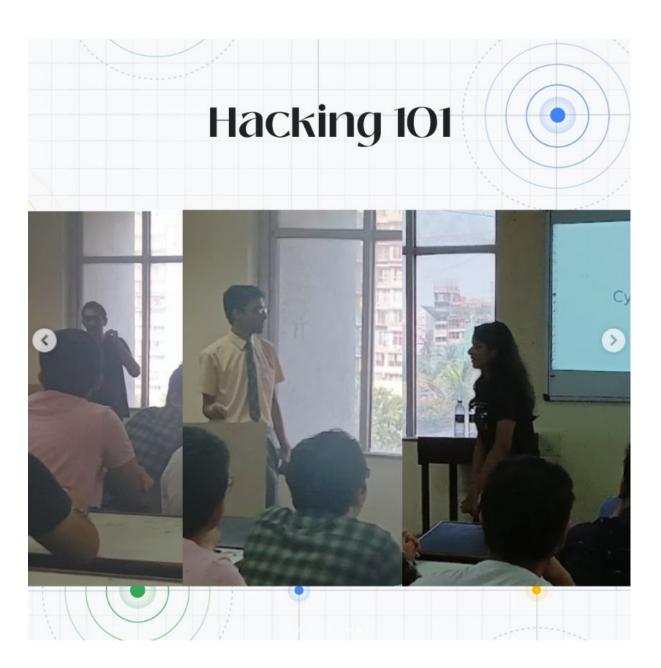
Insights:

The speaker's insights were invaluable in providing valuable knowledge about the field of cybersecurity. He shared his experience and expertise in the field, providing participants with a firsthand understanding of ethical hacking and CTF competitions. His insights were particularly useful for beginners looking to get started in the field of cybersecurity, as he provided practical tips and tricks for participating in CTF competitions.









Conclusion:

The Hacking 101 - Seminar event was a great success, providing valuable insights and knowledge about the field of cybersecurity. The event was well-received, with 45 participants registering for the event. The speaker's expertise and insights were invaluable in providing valuable knowledge about the field of cybersecurity. The event served its purpose of providing an opportunity for tech enthusiasts and students to learn from an expert in the field.



Cybersprint - Capture The Flag (CTF) Event

Event Details:

Event Name: Cybersprint - Capture The Flag (CTF) Event

Organizers: GDSC-TSEC

Date: 13th April 2023 to 14th April 2023

Time: 6:30 pm to 6:30 pm

Location: Online (Discord server)

Event Overview:

The event, organized by the Google Developer Student Clubs TSEC, aimed to provide an exciting Capture The Flag (CTF) event named "Cybersprint". The event was designed to test the hacking skills of participants and provide a valuable learning experience for anyone interested in cybersecurity.

Event Description:

Capture The Flag (CTF) competitions are cybersecurity competitions where participants must solve challenges and puzzles to find "flags" that are hidden throughout the event. These events are not only fun but also provide a valuable learning experience for anyone interested in cybersecurity.

Capture The Flag (CTF) events refer to cybersecurity competitions where participants, either individually or as part of a team, are challenged to identify and exploit vulnerabilities in a system to capture a "flag" or a piece of information. These competitions are designed to test participants' cybersecurity skills and enhance their understanding of security concepts. In CTF events, participants attempt to find hidden text strings called "flags". There are different types of CTF events, including Jeopardy, Attack-Defence, and mixed formats.

Cybersecurity competitions, such as Capture The Flag (CTF) events, are designed to simulate real security issues found in networks and systems. These competitions consist of challenge "levels" that participants must solve to earn points and progress up a leaderboard. Participants often compete in teams to see who can solve the levels first. These competitions aim to address the shortage of technically skilled individuals needed to operate and support existing systems. They provide an opportunity for participants to showcase their hacking skills, potentially earn prize



PRINCIPAL omal Shahani Engineering College Bandra (W), Mumbai - 400 050. money, and demonstrate their abilities to potential employers. Some cybersecurity competitions, like the US Cyber Challenge, are presented by organizations such as the Center for Internet Security and offer multiple competitions that take place online. There are also competitions specifically designed for high school and middle school students, challenging them to identify and fix cybersecurity vulnerabilities in virtual operating systems. Other competitions, like Cyber Quests, allow participants to demonstrate their knowledge in various areas of information security through online challenges.

Overall, cybersecurity competitions provide a platform for individuals to enhance their hacking skills, compete for prizes, and showcase their abilities to potential employers. They address the shortage of skilled cybersecurity professionals and offer opportunities for participants of different skill levels and age groups to engage in challenging and educational cybersecurity activities.

Event Structure:

"Cybersprint" is a team event with team sizes ranging from 1-4 people. Participants can compete together in teams of up to four people. The event was held online on the GDSC TSEC Discord server. The event continued for two days, from 13th April 2023 to 14th April 2023.

Prizes and Recognition:

The top participants will receive exciting prizes and recognition from GDSC TSEC. The recognition will not only be a great achievement for the participants but also a valuable addition to their resume or portfolio.











Conclusion:

The Cybersprint - Capture The Flag (CTF) Event is an exciting opportunity for tech enthusiasts to put their hacking skills to the test. The event provides a valuable learning experience for anyone interested in cybersecurity. The event is well-structured and offers exciting prizes and recognition for the top participants. The event serves its purpose of providing an opportunity for tech enthusiasts to learn and compete in the field of cybersecurity.





मारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA



ऑनलाइन दुरस्थ अधिगम कार्यक्रम ONLINE DISTANCE LEARNING PROGRAMME

COR20221122345

समन्वयं का प्रमाणपत्र CERTIFICATE OF COORDINATION

जाता है कि aे¤¥aे¤¡aè¥<aे¤®aे¤² aे¤¶aे¤¹aे¤¾aे¤£a襀 प्रमाणित किया यह इà¤,जीà¤"िà¤⁻रिà¤,ग कॉलेज कार्यरत à¤:ॉ॰ मà¤"ीरà¥<जा à¤□डिà¤"बरà¥□ग, ने à¤à¥,-डेटा सàx¾à¤□àx¾àx•àx°àx£ àx"àx° àx¸àx¾àx‡àx¬àx° àx¸à¥□àx°àx•à¥□àx·àx¾ विषय पर इस संस्थान द्वारा दिनांक 17 à¤...कà¥∏टà¥,बर, 2022 से 21 à¤...कà¥∏टà¥,बर, 2022 तक संचालित ऑनलाइन प्रशिक्षण पाठचक्रम को समन्वित किया।

This is to certify that DR. MANIROJA EDINBURGH, working with Thadomal Shahani Engineering College, has coordinated the online training course on Geo-data sharing and Cyber Security conducted by this institute during October 17, 2022 to October 21, 2022 and

दिनाँक/ Date: 03-11-2022

देहराद्रन/ Dehradun

जियोवेब सर्विसेस, सचना प्रौद्योगिकी एवं दरस्थ अधिगम विभाग Head, Geoweb Services, IT & Distance Learning Department, IIRS

भ-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समृह



मारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA



बहि: परिसर संपर्क / विस्तार कार्यक्रम प्रमाण पत्र
OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME

COR202210272345

समन्वयं का प्रमाणपत्र
CERTIFICATE OF COORDINATION

यह प्रमाणित किया जाता है कि थडोमल शहाणी इंजीनियरिंग कॉलेज कार्यरत डॉ॰ मनीरोजा एडिनबर्ग ने यू.ए.वी. सुदूर संवेदन विषय पर इस संस्थान द्वारा दिनांक 21 नवंबर, 2022 को आयोजित एक दिवसीय ऑनलाइन कार्यशाला को समन्वित किया।

This is to certify that **DR. MANIROJA EDINBURGH**, working with **Thadomal Shahani Engineering College,** has coordinated one day online workshop on **UAV Remote Sensing** conducted by this institute on November 21, 2022

दिनाँक/ Date: 25-11-2022

देहरादून/ Dehradun

प्रमुख,

जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं द्रस्थ अधिगम विभाग

Head, Geoweb Services, IT & Distance Learning Department, IIRS

Dr. G. T. Thampi PRINCIPAL Thadomal Shahani Engineering College Bandra (W), Mumbal 409 050. Sgramal

समूह प्रमुख,

भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह



भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION अंतरिक्ष विमाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA



COR202210282345

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 शहाणी इंजीनियरिंग कॉलेज ने भारतीय सुदूर संवेदन संस्थान, इसरो देहारादून द्वारा संचालित ऑनलाइन प्रशिक्षण पाठचक्रम पैलियोचैनल अध्ययन में भू-स्थानिक प्रौद्योगिकी के अनुप्रयोग : संभावित और भविष्य के रुझान में भाग लिया। इस ऑनलाइन पाठचक्रम का संचालन दिनांक 11 अक्टूबर, 2022 से 11 अक्टूबर, 2022 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 **Applications of Geospatial Technology in Paleochannel Studies: Potential And Future Trends**. This online programme was conducted during October 11, 2022 to October 11, 2022

दिनाँक/ Date: 19-10-2022

देहरादून/ Dehradun

प्रमुख,

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

समूह प्रमुख,

भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह



भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION अंतरिक्ष विमाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA



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बहि: परिसर संपर्क / विस्तार कार्यक्रम प्रमाण पत्र
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संस्थान की सहभागिता का प्रमाण पत्र CERTIFICATE OF PARTICIPATION OF INSTITUTE

यह प्रमाणित किया जाता है कि थडोमल शहाणी इंजीनियरिंग कॉलेज ने भारतीय सुदूर संवेदन संस्थान, इसरो देहारादून द्वारा संचालित ऑनलाइन प्रशिक्षण पाठचक्रम 'मशीन लर्निंग से डीप लर्निंग तक: सुदूर संवेदन डेटा वर्गीकरण की एक यात्रा" मे भाग लिया। इस ऑनलाइन पाठचक्रम का संचालन दिनांक 05 जुलाई, 2021 से 09 जुलाई, 2021 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 **"Machine learning to Deep Learning: A journey for remote sensing data classification"**. This online programme was conducted during July 05, 2021 to July 09, 2021.

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दिनाँक/ Date: 19-07-2021

देहरादून/ Dehradun

प्रमुख,

जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग

Head, Geoweb Services, IT & Distance Learning Department, IRS

सनूर प्रनुख भू-स्थानिक

भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह



भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA



ऑनलाइन दूरस्थ अधिगम कार्यक्रम ONLINE DISTANCE LEARNING PROGRAMME

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समन्वयं का प्रमाणपत्र CERTIFICATE OF COORDINATION

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

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

दिनाँक/ Date: 27-07-2022

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जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग

Head, Geoweb Services, IT & Distance Learning Department, IIRS

Dr. G. T. Thampi
PRINCIPAL
Thadmal Shhani Engineering College
Bandra (W), Mumbai – 400 050.

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समूह प्रमुख,

भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह



भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA



ऑनलाइन दूरस्थ अधिगम कार्यक्रम ONLINE DISTANCE LEARNING PROGRAMME

COR20221012345

समन्वयं का प्रमाणपत्र CERTIFICATE OF COORDINATION

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

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

दिनाँक/ Date: 27-07-2022

देहरादून/ Dehradun

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जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग

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Hackathon – IoT Hardware

Problem statements:

 "Develop an IoT enabled Android application to give realtime parking space available on the campus."

The application would ensure optimum use of resources, it would help save time and also be far more efficient than the traditional way of finding the parking slots on the streets. At the same time, it would also reduce unnecessary chaos and traffic on the campus.

How should the application work?

Whenever a person wants to find a parking space on the campus, he has to login to the application using his user id and password, a request message will then be sent to the server. The server will send back a response with the available parking details, real-time mapped directions and real-time parking space to allocate parking according to the size of the vehicle. The application would be smart enough to identify whether the car is heading towards the same parking space or not. If not, the application would re-route the same car to another nearest available parking space.

Challenges

The above mentioned will be applicable to those vehicles that have logged in to the system and used the navigating system. But we also need to consider those vehicles which have not logged in and are manually finding parking space and heading towards the same parking slot. Can you solve this problem?

Develop a smart efficient application system to solve the problem related to real-time parking space.



"Smart Street Light Metering System"

Design a Street Light Metering System for monitoring the power usage. It should calculate the number of units consumed during a day, month and year. Bill should be generated automatically and alert messages will be sent on high power consumption.

How should the application work?

The system will register the name of the area, pin code, number of light poles, units consumed and number of poles which are in working condition and it will store that information to the database. The system will also store the count of faulty bulbs and it will send a notification to the department to replace them.

The system should have smart light dimming module, which will use the following approaches: The first is based on visibility i.e. if the visibility is low, the intensity of light should be maximized. The second approach is to dim the light for the streets automatically when no movement is detected and it will automatically increase the intensity of light.

The system should convey the usage of power accurately to the concerned department and should automatically calculate the bill by storing monthly unit consumption.

The system should store electricity consumption not only daily but also yearly and it should represent electricity consumption graphically for past 15 days. If power consumption goes beyond a threshold level, which is the average power consumed in the last 15 days, then the system will generate an alert message to lower the consumption.



"Multimodal Attendance System"

Implement a student's attendance in monitoring system using Fingerprint Identification /Radio Frequency Identification Tags etc. The system should automatically mark and notify the attendance of the students to the respective stakeholders of the organization.

How should the application work by using fingerprint identification?

This application will store student's biometric information along with the details like name, roll number, residential address, phone number, parents' names and phone number, and date of birth into the school's database/cloud.

First, the teacher should mark his/her biometric attendance to unlock the system.

Once the system has been unlocked, students will mark their fingerprint attendance.

This data will be compared with the stored entries. The system should automatically send an SMS to parents on observing the ward's absence.

The teacher should then mark his/her biometric attendance to lock the system.

(You can develop your own attendance system using your ideas, but do give a second thought to the above specifications.)

Challenges:

In what cases can your system fail? Can it be cracked? How can you make it robust?



"Smart Security System for a Smart University!"

How will the security office keep a record of all the objects on the campus at any point in time? If any damage occurs to that object, how can it be notified to security immediately? The system should detect any sorts of emergency like fire or earthquake on the campus and the security should get an alert that there is some kind of emergency and immediate action is required. Way to track any movement around the river side slope to make sure student safety during the night.

There are generic Internet of Things (IoT) modules designed to connect devices to the internet and control them through cloud software. You are expected to develop economically suitable wireless IoT systems to solve these problems.

Challenges

There are different kinds of objects present on the campus and there are also humans that move around. Which technology can be used to track them? How can you make your system generic so that its scope can be expanded?

Can this be linked with the CCTV surveillance so that all the cameras in that area focused on the distressed spot for example the river side slope;

Can you link sensors around the campus covering the whole university to avoid any blind spots?

Can we develop such a system, which can identify priorities or multitask events?



"Water Management System"

From the underground storage tank, water is pumped using motors to overhead water tanks, which are placed at the highest elevated floor of the building for optimum pressure. The system should also continuously monitor the soil moisture along with rain predictions to water the landscapes in the campus.

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How can the system work?

The system should check water quality whether it is drinkable or brackish i.e. it should check PH-level, oxygen level, etc.

It should check water level of over-head as well as lower-head tanks and control the pumping of water as per the required limit of the over-head tank.

The system should also give real time water volume of both the tanks, through the android application. Watering system mobile app should display type of soil, which is being taken, how much water is needed, and its moisture level.

It should check weather forecast online and act accordingly, verifying if the forecast was appropriate or not.

"Smart Podium"

Often students/teachers forget to switch off the electrical appliances in classroom, so what can be done to automatically operate those appliances through mobile application? Can it be notified via app when there is no one in the class and those appliances are ON?

Can we develop a system to keep details of each classroom?

Develop a smart podium to manage LCD projector, room lights, presentation controller, air conditioner, audio-video system, etc.













Thadomal Shahani Engineering College Electronics and Telecommunication Department

presents

HARDWARE HACKATHON



ELECTROVERSE.COMM

PROBLEM STATEMENTS









PROBLEM STATEMENT #1

DESIGN A SMART ATTENDANCE SYSTEM TO MONITOR THE ATTENDANCE IN THE CLASSROOM.

To avoid the risk of infection, organizations are looking to implement a contactless attendance system that enables zero contact using face/fingerprint. This device will be used inside a classroom for collecting the attendance of the students. A detailed report of a student's attendance will be generated through AI and will be sent to their respective faculty at the end of the lecture.

- Must-haves: Clocking in/out, Biometrics, Leave management, Payroll, and Reporting
- Nice-to-haves: Missed alerts, and Calendars
- Differentiators: Mobile and cloud support, Self-service, and Analytics







PROBLEM STATEMENT #2

DESIGN SMART WEARABLE FOR SPECIALLY ABLED

Wearable technology has so much potential to enrich the lives of people with disabilities, not only giving them more independence, but also giving them a voice. These technologies make use of sensors to detect movement, position, temperature, location, sleep, and even mood to monitor user's fitness levels and general health. Wearable gear is equipped with microprocessors that extract, transform, and load data to a transmittable format, explains the Georgia 4-H guide. Transmitters upload the data gathered by the sensors and converted by microprocessors to cloud storage for further analysis and then for access to users.

- Must-haves: Solve a problem of any kind of disability, Easy to Wear.
- Nice-to-haves: Alerts, Data Analysis.
- Differentiators: Power Consumption of the device, Design of the device.







PROBLEM STATEMENT #3

DESIGN A SECURED WIRELESS CONTROLLER FOR PEAK HOUR TRAFFIC MANAGEMENT

A vehicle actuated road traffic signal controller controls signal lamps over wireless medium. It should be compatible, having features to perform at isolated intersections or as part of a synchronized chain of signal controllers. It should support remote monitoring and management of signal plans over various mediums of communication network. The controller can be made suitable for solar power operation. It can be installed or can be hand held without digging and ducting of road surface. It should have two modes: manual and automatic.

- Must-haves: Manage Real-Time Traffic, Manage Traffic Congestion.
- Nice-to-haves: Solar Power Operation, Immune to environmental conditions.
- Differentiators: Priorities to Emergency Vehicles.







PROBLEM STATEMENT #4

DESIGN A MOBILE JAMMER FOR COLLEGE CAMPUS.

One of the most popular things that are being used in colleges nowadays is the cell phone jammer. There are a lot of teachers and schools who think that school is an institution for learning, and a device like a cell phone can distract the pupils and interrupt their studies. We all are aware of the fact that the students definitely are not able to talk on the phone during class, but they can chat with their friends. Another reason why a lot of schools have jammers is to try to prevent the students from cheating. A cell phone can be an easy cheating device where they can get the answers from a person who has the information or from the internet. All you need to do is to design a system in order to get it started by pushing a button to interrupt a chat or conversation. Once the device is on, the cell phone will not be able to catch any signal and the phone will lose its value and get the students back in the class. Basically, a Mobile Jammer Circuit is an RF Transmitter, which broadcasts Radio Signals in the same (or similar) frequency range of the GSM Communication.

- Must-haves: Sophisticated Device, Easy to Use
- Nice-to-haves: Should not Jam the Emergency Band Signals
- Differentiators: Range Adjustable





PROBLEM STATEMENT #5

DESIGN A SMART STREET LIGHT SYSTEM WITH RENEWABLE ENERGY SOURCES.

A smart streetlight is a public lighting fixture that incorporates technology, such as cameras, light-sensing photocells and other sensors, to introduce real-time monitoring functionalities. Also referred to as adaptive lighting or intelligent street lighting, this type of lighting system is recognized as a significant step in the development of smart cities. The technology behind smart streetlights can vary depending on its features and requirements, but typically, it involves a combination of cameras and sensors. When implemented on standard streetlights, these devices can detect movement that enables dynamic lighting and dimming. It also allows neighbouring fixtures to communicate with each other. If a pedestrian or car is detected, all surrounding lights will brighten until movement is no longer captured.

- Must-haves: Real Time System, Track Pedestrian or Car, Low Power Consumption device.
- Nice-to-haves: Digital signage, Solar Powered
- Differentiators: Detect Speed of the moving object, Data Analysis





PROBLEM STATEMENT #6

DESIGN SMART TRACKING SYSTEM USING GSM TECHNOLOGY BUT NO CELL PHONE.

An ideal smart tracker device would be able to track an object anytime and anywhere. That scalability allows smart trackers devices to serve a variety of applications combining sophisticated location tracking technologies such as GPS, Low-Power GPS, UWB/Bluetooth beacons and Wi-Fi sniffing. These devices can work indoors, and outdoors and also offer an efficient long-range tracking solution.

- Must-haves: Real-time tracking, Alerts.
- Nice-to-haves: Emergency response, Fleet tracking.
- Differentiators: Route mapping, Historical report.







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PROBLEM STATEMENT #7

DESIGN A NO CONTACT SMART LOCK WITH SECURITY.

A smart lock is an electromechanical lock that is designed to perform locking and unlocking operations on a door when it receives a prompt via an electronic keypad, biometric sensor, access card, Bluetooth, or Wi-Fi from a registered mobile device.. The main components of a smart lock include the physical lock, the key (which can be electronic, digitally encrypted, or a virtual key to provide keyless entry), a secure Bluetooth or Wi-Fi connection, and a management mobile app. Smart locks may also monitor access and send alerts in response to the different events it monitors as well as other critical events related to the status of the device Certain smart locks include a built-in Wi-Fi connection that allows for monitoring features such as access notifications or cameras to show the person requesting access. Some smart locks work with a smart doorbell to allow the user to see who and when someone is at a door.

- Must-haves: Biometric access, Alerts and Notification, Mobile Operated
- Nice-to-haves: Automatic Dialing Emergency Number incase of theft
- Differentiators: Lock and Door Damage sensing







PROBLEM STATEMENT #8

DESIGN AN UNDERWATER VEHICLE FOR SURVEILLANCE.

An autonomous underwater vehicle (AUV) is a robot that travels underwater without requiring input from an operator. AUVs constitute part of a larger group of undersea systems known as unmanned underwater vehicles, a classification that includes non-autonomous remotely operated underwater vehicles (ROVs) – controlled and powered from the surface by an operator/pilot via an umbilical or using remote control for long-term data collection in oceanography and coastal management.

- Must-haves: Navigation, Surveying.
- Nice-to-haves: Flexible payload, Mapping.
- Differentiators: Thrust, Data Analysis.







PROBLEM STATEMENT #9

ENERGY HARVESTING USING FOOTSTEPS

Energy harvesting from human motion presents a promising clean alternative to electrical power supplied by batteries for portable electronic devices and for computerized and motorized prosthetics. The footstep power generation system is to capture the typically wasted energy surrounding a system and transform it into electrical energy. The technique used in gaining the energy is via piezoelectric materials. Afterwards, the electrical energy can be regulated or stored.

- Must-haves: Portable, withstand weight,
- Nice-to-haves: Real-time indication, easy to establish
- Differentiators: Demonstrate practical application







PROBLEM STATEMENT #10

DESIGN A BOOKSHELF FINDER FOR LIBRARY MANAGEMENT.

In a library, books are arranged in shelves based on their classification of subjects. There is a lot of movement of these books in and out of the library and so there is every possibility that these books get misplaced. When such misplacement of books occurs, it becomes a tall order for both the librarian and the user to search for the book. So, a system that could lead the user directly to the place where the book is placed would come in very handy and it also saves a lot of time. It also helps in finding the misplaced books.

- Must-haves: Search function, Membership management,
- Nice-to-haves: Barcode scanning, RFID scanning,
- Differentiators: Online access, Payment Gateway.





































TSEC ALUMNI WEBINAR SERIES: Session 3

Introduction to Process Engineering

MR. SUSHIL I.KHITANI

Industry Expert
TSEC 2004 ALUMNI

24TH JAN 2023 2:00P.M - 3:00P.M

Venue: OB Seminar Hall

Convener:
Dr G.T. Thampi
Principal

Co-Convener:
Dr Elizabeth Joseph
HoD (Chem)

Co-ordinator: Prof. Nita Mehta



THADOMAL SHAHANI ENGINEERING COLLEGE CHEMICAL ENGINEERING DEPARTMENT TE (CHEMICAL) SEM - VI AY - 2022-23

Webinay ATTENDANCE 24 Jan 2023 2 Pm - 330 Pm

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THADOMAL SHAHANI ENGINEERING COLLEGE DEPARTMENT OF CHEMICAL ENGINEERING B.E.CHEMICAL-SEMESTER VIII AY 2022-23

ATTENDANCE

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Dr. G. T. Thampi
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THADOMAL SHAHANI ENGINEERING COLLEGE CHEMICAL ENGINEERING DEPARTMENT SE (CHEMICAL) SEM - IV AY - 2022-23

ATTENDANCE

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ubject:	Process Buys	TUES	HAG	24	-31	m 20		
	Date	24/1	123					
Roll.No.	NAME	1						
224001	Aadithya Premraj							
224002	Ansari Md Aves Md Kafeel	-						
224003	Ansari Mohd Asad	Solo	No					
224004	Apurv Ajit Talegaonkar	1		17				
224005	Atharva Jindal							
224007	Danish							
224008	Darsh Bharat Chotalia	1				_		
224009	Devang Prakash Gada	1						
224010	Divya Prakash Sakharwade	Saula.	a cate	7	-		-	
224011	Divyansu Bhalotia	Harr	Church		-	-		
224012	Gharge Devika Rajendra	14	100		-		_	
224013	Harsh R Mayne	1	7		-			
224014	Holmukhe Atharva Bharat	11			-			
224015		4	waii .		-		_	
224016	Ira Sahasrabudhe		asrabud		-	-		
224017	Jatin Moolchand Gola	Dan	1		-	-		
224018	Jeet Mahendra Mehta				+	-		
224019	Joshi Ajinkya Makarand				-			
224020		1						
224021		-			-	-	_	
224022		-						
22402	Mahiskar Abdul Basit Hasrat Al	li						
22402	4 Mistry Manas Sanjog							
22402	5 Mrunmayee Harish Hegiste							
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22402		_						1
	9 Padhye Anvisha							
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22403		T	ratak					
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221027 2				
224037 Sejal Deepak Nimbare		LII ALLAIT		
224038 Shetty Sia Pavan				1
224039 Shivam Jadhav		110000		1
224040 Sumit Shaji Panickar		A CALL	1	-
224041 Surin Upendra Gupte	frence			1
224042 Swaraj Vibhooshan Pai				1
224043 Tanay Laxmikant Patil		1.4	-	-
224044 Thaker Manav Jalpa		,	-	-
224045 Viraj Vijay Dalvi				
224047 Sharma Anurag Mukund				
224048 Bhabar Mohammed Adil Ashpaque		Time.		
224049 Sankhe Parth Sanjay				
224050 Varliani Vridhi Rajkumar				
224051 Maulik Kothia				
224052 Shah Maanay				
224053 Shaikh Abdul Rehman				
224054 Thakkar Yash				
224055 Raikar Devraj				
224056 Solanki Tirth				
224057 Yadav Ritika	-			
224058 Pawaskar Aroush				
224059 Durva Mohite				
224060 Aamir Palasra				
24061 Hammad Khan		,		
24062 Parab Jajwal Deepak		-		
24063 Shukla Riya Brijbhushan		-		
24064 Koli Sameer Vilas				
24065 Poddar Aranav Amit				
4066 Malde Meer		-	-	
4067 Granth Jain			-	
4068 Misal Aayush Chandrakant			+	
Mahadik Shruti Sachin			+	1
070 Gohil Dharmik Jayant			+	1
071 Gidde Atharva Rajesh			+	1
072 Harsh Ajay Divedia			+	1
073 Mubarak Shaikh			+	1

Chemical Engineering Department, TSEC

Report on "Fire Safety and Demonstration of Fire Extinguisher"

Venue: 11th Floor New Building TSEC

Day: 29th August 2022

Time: 10.00 am - 12.00 pm

Objective: To educate and train students about fire safety and how to use the

fire extinguisher.

A seminar on Fire Safety by Mr. Nilesh Verlekar, the Chief Fire Officer at MCGM, was organized by the Chemical Engineering Department of TSEC, on 29th of August 2022.





The seminar aimed at educating and training students about fire safety and the usage of fire extinguisher in an event of a fire hazard. The seminar was crucial for budding chemical engineers, as many industries may undergo situations of a fire hazard. The seminar began with felicitation of the speaker by the Head of



the Department, Dr. Elizabeth Joseph and few words of introduction from Prof. Mannat Khanwani.





The speaker introduced the attendees with basics of the fire safety education and how fire training and disaster management is an important knowledge from the early ages. Interesting statistics, facts and leading causes of fire accidents were discussed.

After establishing the basics of fire safety, the speaker discussed real-life fire incidents like One Avighna Park, Mumbai incident and the Mundka, Delhi fire incident. The seminar went on with the introduction of the Fire Triangle concept and various methods of breaking the fire triangle such as Starvation, Cooling and Smothering, in order to limits its spread.

Further, the categories of fire were discussed in detail by the speaker along with insights on how to control the spread of fire of different categories. The speaker



introduced the attendees with different types of fire extinguisher and a brief about how to behave in a fire incident.





The seminar neared its end with hands on demonstration, with active student participation, on how to use the fire extinguisher. Students got practical knowledge about the usage of fire extinguisher, along with a clear idea about Fire Safety.













Bioreactors : An Overview

PROF. CLAIRE KOMIVES

Chemical & Materials Engineering San Jose State University, Washington





20TH MARCH 2023 12:15P.M - 1:15P.M

Venue: OB Seminar Hall

Convener:
Dr G.T. Thampi
Principal

Co-Convener:
Dr Elizabeth Joseph
HoD (Chem)

Co-ordinators:
Prof. Nita Mehta /
Prof. Prasad Parulekar





































TSEC ALUMNI WEBINAR SERIES SESSION 2 (2022-2023)

Pump Hydraulics

RAKESH KAMATH

Principal process engineer, Worley Singapore

BATCH: 2004





24TH SEPT 2022

11:00AM-12:00PM

Convener:

Dr G.T. Thampi Principal **Co-Convener:**

Dr Elizabeth Joseph HoD (Chem) Co-ordinators: Prof. Mudita Dixit Prof. Nita Mehta













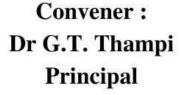


TSEC ALUMNI WEBINAR SERIES SESSION 1 (2022-2023)

Chemical engineering in composite materials: New Avenues

DR. AADITYA SURATKAR BATCH: 2015





Co-Convener:
Dr Elizabeth Joseph
HoD (Chem)

Co-ordinators: Prof. Mudita Dixit Prof. Neeta Mehta













Insights of Heat Exchangers

MR JASWANT TAWDE

General Manager, Worley India





Convener: Dr G.T. Thampi **Principal**

Co-Convener: Dr Elizabeth Joseph HoD (Chem)

Co-ordinators: **Prof. Prasad Parulekar** Prof. Nita Mehta















Solvent resistant membranes

OLVIYA GONSALVES

Junior Research Fellow, Chem Engg Institute of Chemical Technology





15TH APRIL 2023 2:00P.M - 3:00 P.M

Platform: MS Teams

Convener : Dr G.T. Thampi

Principal

Co-Convener:

Dr Elizabeth Joseph

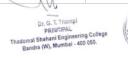
HoD (Chem)

Co-ordinator: Prof. Nita Mehta





1. Summary							
Meeting title	TSEC Expert Lecture : Solvent Resistant Membranes						
Attended particip	28						
Start time	4/15/23, 1:46:52						
End time	4/15/23, 2:53:59						
Meeting duration	1h 7m 6s						
Average attenda	34m 35s						
2. Participants							
	First Join	Last Leave	In-Meeting Durat		Participant ID (UI		
Nita Mehta	4/15/23, 1:47:00	4/15/23, 2:53:59	1h 6m 59s	Nita13074@tsec	Nita13074@tsec	Organizer	
Amandeep Chaw	4/15/23, 1:59:47	4/15/23, 2:53:46	53m 58s	Amandeep16152	Amandeep16152	Attendee	
Elizabeth Joseph	4/15/23, 2:00:07	4/15/23, 2:53:59	53m 52s	Elizabeth13076@	Elizabeth13076@	Presenter	
Shruti Nayak	4/15/23, 2:02:06	4/15/23, 2:52:19	47m 50s	Shruti16176@tse	Shruti16176@tse	Attendee	
Urja Maladkar	4/15/23, 2:02:17	4/15/23, 2:53:18	51m 1s	Urja16191@tsec	Urja16191@tsec	Attendee	
Olviya Gonsalves	4/15/23, 2:03:52	4/15/23, 2:53:10	49m 17s			Presenter	
Shreya Pillai	4/15/23, 2:04:10	4/15/23, 2:51:30	47m 19s	Shreya16180@ts	Shreya16180@ts	Attendee	
Snehal16172	4/15/23, 2:04:19	4/15/23, 2:53:59	49m 39s	Snehal16172@ts	Snehal16172@ts	Attendee	
Gayatri Nalawad	4/15/23, 2:04:22	4/15/23, 2:20:54	16m 32s	Gayatri16175@ts	Gayatri16175@ts	Attendee	
Rishabh Bhingar	4/15/23, 2:04:50	4/15/23, 2:53:21	48m 30s	Rishabh16182@	Rishabh16182@	Attendee	
RANE SAKSHI S	4/15/23, 2:05:14	4/15/23, 2:53:59	48m 44s	SAKSHIDSE201	SAKSHIDSE201	Attendee	
Sharang Rajan	4/15/23, 2:05:41	4/15/23, 2:53:59	48m 17s	Sharang18133@	Sharang18133@	Attendee	
Ashlesha Kadaw	4/15/23, 2:06:13	4/15/23, 2:53:59	47m 45s	Ashlesha31102@	Ashlesha31102@	Attendee	
SIA SHETTY	4/15/23, 2:06:24	4/15/23, 2:53:59	47m 34s	sia.shetty212037	sia.shetty212037	Attendee	
Shaikh M. Fasih	4/15/23, 2:07:14	4/15/23, 2:07:56	42s	Shaikh31109@ts	Shaikh31109@ts	Attendee	
KULAYE TANMA	4/15/23, 2:07:16	4/15/23, 2:53:59	45m 24s	TANMAY22019@	TANMAY22019@	Attendee	
Sinha Subodh	4/15/23, 2:07:32	4/15/23, 2:44:13	36m 40s	Sinha31081@tse	Sinha31081@tse	Attendee	
Aditya Karade	4/15/23, 2:07:45	4/15/23, 2:47:17	39m 31s	Aditya31108@tse	Aditya31108@tse	Attendee	
AJINKYA JOSHI	4/15/23, 2:08:52	4/15/23, 2:13:13	4m 21s	ajinkya.joshi2120	ajinkya.joshi2120	Attendee	
AKHIL GUTTI	4/15/23, 2:09:26	4/15/23, 2:15:16	5m 49s	akhil.gutti21227@	akhil.gutti21227@	Attendee	
Riddhi Patil	4/15/23, 2:10:12	4/15/23, 2:53:59	43m 46s	Riddhi16178@ts	Riddhi16178@ts	Attendee	
IshneetKaur Alac	4/15/23, 2:13:45	4/15/23, 2:53:59	40m 14s	IshneetKaur1615	IshneetKaur1615	Attendee	



RISHI HARIHAR	4/15/23, 2:15:05	4/15/23, 2:53:59	38m 53s	RISHI16183@tse	RISHI16183@tse	Attendee
IRA SAHASRABI	4/15/23, 2:15:08	4/15/23, 2:30:30	15m 22s	ira.sahasrabudhe	ira.sahasrabudhe	Attendee
TAWDE MRUNA	4/15/23, 2:26:15	4/15/23, 2:27:35	1m 19s	MRUNAL22023@	MRUNAL22023@	Attendee
PATIL MIHIR LAX	4/15/23, 2:39:08	4/15/23, 2:52:16	13m 8s	MIHIRDSE20121	MIHIRDSE20121	Attendee
Kajal16196	4/15/23, 2:49:21	4/15/23, 2:53:41	4m 19s	Kajal16196@tse	Kajal16196@tse	Attendee
Ankit Myana	4/15/23, 2:52:11	4/15/23, 2:53:46	1m 34s	Ankit16174@tse	Ankit16174@tse	Attendee
3. In-Meeting Act	ivities					
Name	Join Time	Leave Time	Duration	Email	Role	
Nita Mehta	4/15/23, 1:47:00	4/15/23, 2:53:59	1h 6m 59s	Nita13074@tsec	Organizer	
Amandeep Chaw	4/15/23, 1:59:47	4/15/23, 2:53:46	53m 58s	Amandeep16152	Attendee	
Elizabeth Joseph	4/15/23, 2:00:07	4/15/23, 2:53:59	53m 52s	Elizabeth13076@	Presenter	
Shruti Nayak	4/15/23, 2:02:06	4/15/23, 2:43:22	41m 16s	Shruti16176@tse	Attendee	
Shruti Nayak	4/15/23, 2:45:45	4/15/23, 2:52:19	6m 34s	Shruti16176@tse	Attendee	
Urja Maladkar	4/15/23, 2:02:17	4/15/23, 2:53:18	51m 1s	Urja16191@tsec	Attendee	
Olviya Gonsalves	4/15/23, 2:03:52	4/15/23, 2:53:10	49m 17s		Presenter	
Shreya Pillai	4/15/23, 2:04:10	4/15/23, 2:51:30	47m 19s	Shreya16180@ts	Attendee	
Snehal16172	4/15/23, 2:04:19	4/15/23, 2:53:59	49m 39s	Snehal16172@ts	Attendee	
Gayatri Nalawad	4/15/23, 2:04:22	4/15/23, 2:20:54	16m 32s	Gayatri16175@ts	Attendee	
Rishabh Bhingar	4/15/23, 2:04:50	4/15/23, 2:53:21	48m 30s	Rishabh16182@	Attendee	
RANE SAKSHI S	4/15/23, 2:05:14	4/15/23, 2:53:59	48m 44s	SAKSHIDSE201	Attendee	
Sharang Rajan	4/15/23, 2:05:41	4/15/23, 2:53:59	48m 17s	Sharang18133@	Attendee	
Ashlesha Kadaw	4/15/23, 2:06:13	4/15/23, 2:53:59	47m 45s	Ashlesha31102@	Attendee	
SIA SHETTY	4/15/23, 2:06:24	4/15/23, 2:53:59	47m 34s	sia.shetty212037	Attendee	
Shaikh M. Fasih	4/15/23, 2:07:14	4/15/23, 2:07:56	42s	Shaikh31109@ts	Attendee	
KULAYE TANMA	4/15/23, 2:07:16	4/15/23, 2:45:46	38m 30s	TANMAY22019@	Attendee	
KULAYE TANMA	4/15/23, 2:47:05	4/15/23, 2:53:59	6m 54s	TANMAY22019@	Attendee	
Sinha Subodh	4/15/23, 2:07:32	4/15/23, 2:44:13	36m 40s	Sinha31081@tse	Attendee	
Aditya Karade	4/15/23, 2:07:45	4/15/23, 2:47:17	39m 31s	Aditya31108@tse	Attendee	
AJINKYA JOSHI	4/15/23, 2:08:52	4/15/23, 2:13:13	4m 21s	ajinkya.joshi2120	Attendee	
AKHIL GUTTI	4/15/23, 2:09:26	4/15/23, 2:15:16	5m 49s	akhil.gutti21227@	Attendee	



Riddhi Patil	4/15/23, 2:10:12	4/15/23, 2:53:59	43m 46s	Riddhi16178@ts	Attendee
IshneetKaur Alag	4/15/23, 2:13:45	4/15/23, 2:53:59	40m 14s	IshneetKaur1615	Attendee
RISHI HARIHAR	4/15/23, 2:15:05	4/15/23, 2:53:59	38m 53s	RISHI16183@tse	Attendee
IRA SAHASRAB	4/15/23, 2:15:08	4/15/23, 2:30:30	15m 22s	ira.sahasrabudhe	Attendee
TAWDE MRUNA	4/15/23, 2:26:15	4/15/23, 2:27:35	1m 19s	MRUNAL22023@	Attendee
PATIL MIHIR LAX	4/15/23, 2:39:08	4/15/23, 2:52:16	13m 8s	MIHIRDSE20121	Attendee
Kajal16196	4/15/23, 2:49:21	4/15/23, 2:53:41	4m 19s	Kajal16196@tse	Attendee
Ankit Myana	4/15/23, 2:52:11	4/15/23, 2:53:46	1m 34s	Ankit16174@tse	Attendee











Fluid fluid reactions: **Importance** in chemical industry Dr. KALPANA DESHMUKH

Professor

Datta meghe college of engineering





4TH APRIL 2023 11:00A.M

Platform: MS Teams

Convener:

Dr G.T. Thampi

Principal

Co-Convener:

Dr Elizabeth Joseph

HoD (Chem)

Co-ordinator: Prof. Nita Mehta



