



Department of Information Technology



ANNUAL REPORT 2022 - 2023

CHAIRPERSON

Divya Patel

**VICE CHAIRPERSON
(TECHNICAL)**

Jinish Shah

**VICE CHAIRPERSON
(ADMIN)**

Saurav Shah

SECRETARY

Vedit Beladia

SECRETARY

Hetvi Solanki

TREASURER

Vairag Parikh

TREASURER

Aadil Sudagar

TECHNICAL HEAD

Ayush Shah
Shiv Bhonde

MARKETING HEAD

Vinit Shah
Mandar Parekh

LOGISTICS HEAD

Prem Doshi
Sharvari Salgaonkar
Kunaal Vadgama

**PUBLICITY
HEAD**

Meet Vora
Priyank Shah

**EVENTS
HEAD**

Parshva Vyas
Riya Deorukhar

**CREATIVES
HEAD**

Ardon Kotey
Bhavna Mulchandani

**EDITORIAL
HEAD**

Om Thakrar
Prathamesh Nayak

**SOCIAL MEDIA
HEAD**

Drishti Dhingani
Rucha Gavaskar



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Event 01: Co-Committee Interviews

Dates: 29 and 30 September 2022

Venue: Ground Floor Staff Room

Permitted candidates: Second Year and DSE students from all departments of Dwarkadas Jivanlal Sanghvi College of Engineering.

Description of the Event:

DJCSI – the official student chapter of the Computer Society of India of Dwarkadas Jivanlal Sanghvi College of Engineering, began the interview process with the announcement of applications for the co-committee interviews of DJCSI on September 23, 2022, during the introduction session. Applications were kept open till September 28, 12:00 noon, during which 181 applications were received. The candidates came from a variety of departments, including IT, Computer Science, Data Science, Artificial Intelligence and Machine Learning, as well as Electronics and Telecommunications.

The interviews took place in the Ground floor Staff Room on Thursday, September 29, and Friday, September 30, 2022, over the course of two days, from 09:00 am to 04:30 pm.

Three groups of applicants were scheduled for interviews each day, and each group was divided into slots. The committee itself was divided into groups, with the core members distributed equally and one head from each department participating in each group. A WhatsApp group was created and utilized to schedule times with the candidates in order to ensure seamless functioning and minimal delay. A desk was set up at the centre of the interview room to verify the candidate's application and guide them to the correct interview panel.

According to the schedule given to them, the applicants were let into the interview room. They were greeted and then proceeded to give their interview for each department according to the 3 preferences filled out by them. Candidates who applied for the technical department were questioned about their prior work and asked if they had fulfilled the tasks assigned for the interview. The editorial and creative departments asked the interview applications case their previous work and asked them about any previous experience. Both departments also gave them respective tasks as per the level of the candidate. The editorial had gone one step further to test their language skills as well. Candidates for the Marketing and Publicity teams were encouraged to demonstrate their persuasive and pitching abilities to the panel, while those interested in joining the Events team were urged to come up with fresh event ideas for the committee. We questioned



Department of Information Technology



potential candidates for the Social Media team to show the completed tasks they had been given and Logistics candidates were quizzed on their management and situation-handling abilities.

The entire process was carried out smoothly on both days and all applicants were diligently and carefully considered. The committee sat down to discuss their findings and work together after carefully speaking with each applicant. Since there were so many deserving candidates vying for limited spots, the short-listing process was challenging.

Ultimately, after thorough discussion, the committee made its decision and unanimously decided upon the 52 candidates who were to be a part of the co-committee of DJCSI for the year 2022-2023.

Once the list of candidates was given a seal of approval by the faculty advisor, the results were promptly announced to the applicants on October 10, 2022, via Instagram stories on the official DJCSI Instagram page. The selected candidates were heartily congratulated, and words of encouragement were conveyed to the ones who did not get the chance to be a part of the team.

We also held online interviews on MS Teams on December 18, 2022, starting at 10:00 am, to also provide an equal opportunity for the Direct Second Year students. Out of the 10 applications we received, 4 were chosen to join the co-committee.

The now fully formed student body for DJCSI 2022-2023 was all geared up and looking forward to the upcoming year of events and workshops.



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CO-COMMITTEE 2022-2023

TECHNICAL TEAM

Mahek Jain
Priyanka Ramachandran
Murtaza Shikari
Rupesh Raut
Mithil Bavishi
Nemin Sheth
Tanmay Mistry
Deep Parekh

MARKETING TEAM

Anuj Bohra
Forum Sanjhanwala
Udayan Vats
Jainish Jain
Hargun Singh Chandok
Mustansir Motivala
Shabbir Rangwala
Yashvi Shah
Vaishnavi Kadukar
Jeet Doshi

PUBLICITY TEAM

Sara Kore
Merul Shah
Soham Thatte
Bhavya Majani
Bhavya Zaveri
Enrique Dcosta
Hargun Singh Chandhok
Yashvi Shah
Khushi Shah

CREATIVES TEAM

Jainam Patel
Sanjal Ghate
Isha Patade
Anurag Lade
Het Nakhua
Ariash Shaikh
Haardhik Kundher

EVENTS TEAM

Anusshka Chaudhary
Nihar Nandoskar
Kanika Chitnis
Shivani Patel
Uday Baldha
Shreya Sharma
Smit Shah
Ronakk Jhaveri

EDITORIAL TEAM

Nishtha Chitalia
Sara Kore
Manas Patil
Gaj Joshi
Tanika Madhavi
Priyal Donda
Aditya Thatte
Siddhi Shetty

LOGISTICS TEAM

Hrishikesh Karmalkar
Viral Dalal
Purnay Kanchi
Isha Shah
Dhruv Karia

SOCIAL MEDIA TEAM

Nemin Sheth
Ronak Rajput
Shubham Nikat



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DJCSI

WE ARE RECRUITING

We are elated to announce that our Co-committee Recruitment for the year **2022-2023** is now LIVE!

Time : 9am - 4pm

Venue : Ground Floor, Staff Room

Date : 29 / 30 September

Go check out our page for more details!

djcsi

Vedit Beladia- 9324291794
Hetvi Solanki- 8369536522

SCAN TO REGISTER

GO REGISTER NOW >

Instagram post was put up for the event



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Photographs:



Lat 19.107239° N, Long 72.837225° E

A candidate being interviewed at the Interview Table-A



Lat 19.107239° N, Long 72.837225° E

A candidate being interviewed at the Interview Table-B



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Lat 19.107239° N, Long 72.837225° E

A candidate being interviewed at the Interview Table-C



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Event 02: CSI Membership Drive

Date: 03-14 November 2022

Time: Daily Offline Desk from 08:00 am to 05:00 pm

Total Membership Count: 249

Objectives of the activity: Encouraging the college students to purchase the valuable CSI Membership.

Description of the Event:

CSI's Membership Drive was officially announced on November 2, 2022 during the Git For Geeks event. Posters highlighting the myriad perks of the CSI membership had been expertly designed by the creatives department of DJCSI. The logistics department had already put them up in the lobby as well as in other strategic places all over the college. The social media department was tasked with uploading posts on platforms such as Instagram and LinkedIn.

The publicity department was at the helm of forwarding WhatsApp messages on various groups to increase awareness regarding the membership drive. The aforementioned messages had been drafted by the editorial department. The membership drive commenced on 3rd November, in both online and offline mode.

For the online mode, interested students just had to fill out a Google Form and make the payment via Google Pay. For offline mode, the members of the publicity department were tasked with going to each and every classroom of the college to explain the various benefits of being a CSI member. A desk had been set up in the lobby on the ground floor for registration purposes. A systematic schedule was set with proper time slots for desk duty. All co-committee members were supposed to complete their quota of desk duty which basically meant persuading second-year students to become CSI members. A core committee member oversaw the whole process. They had to face stiff competition from other committees owing to their membership drives coinciding with ours. In spite of that, everyone soldiered on with their tasks. The drive was scheduled to end on 13th November but it was extended by a day due to the overwhelming response. DJCSI also gave the Direct Second Year Diploma students a chance to enrol for the membership through online mode as their admissions were confirmed after the end of our membership drive.

In the end, the efforts put in by everyone paid off. A total of 249 second-year students became members of CSI this year which was unprecedented. The success of this drive was truly a testament to the teamwork shown by the members of DJCSI.



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The DJCSI Team was successful in providing 249 students with CSI Membership and creating awareness about the benefits of becoming a CSI Member.



Lat 9.10724° N, Long 72.83719° E

Offline Desk Setup for the Membership Drive



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Event 03: Git For Geeks: Second Commit

Date: 02 November 2022

Time: 02:00 pm - 05:00 pm

Number of Participants:

227 Registrations, 117 Attendees

Objectives of the activity:

Giving an insight into the workings of Git, GitHub and open-source.

Description of the Event:

DJCSI kicked off the academic year 2022-23 with Git for Geeks: Second Commit, a hands-on, offline workshop focused on Git and GitHub. The workshop was set in motion by Divya Patel, Chairperson of DJCSI, who introduced CSI, the speakers, the event and Dr. Vinaya Sawant, Head of the Department of Information Technology at DJSCE, who spoke about the student chapter of DJCSI and gave her best wishes to the organisers.

Ayush Shah took the stage to explain version control systems and Git with a practical demonstration of creating a Git repository and various git commands. After the conclusion of the session on Git, a fun-packed educational quiz was conducted by our Vice-Chairperson, Saurav Shah. The quiz winners were Rachit and Darsh.

Jinish Shah started the session on GitHub. He gave insights into its applications, advantages, types of repositories, and their respective uses, and taught how to transfer the code written in the previous part of the workshop from the local machine to a remote repository such that the code is accessible from GitHub. This session ended with a quiz on GitHub. The winners of the second quiz were Ansh and Prasanna Prasad Nadkarni.

Our speaker for the final session, Shiv Bhonde, introduced open-source development with an example of the popular app VLC media player. The attendees were given a task to add their names to a website created by DJCSI by using the knowledge of Git and GitHub they had acquired. The event concluded with a final round of quizzing on open-source development, which was won by Mithil and Manas Patil.

Working with some of our partners was an honour and a source of pride for DJCSI.



Department of Information Technology



- **InterviewBuddy:** Interview Partner – Their website prepares students for job interviews by conducting mock interviews.
- **Rogue Code:** Education Partner for Collaborative Projects, Web and App Development, and Coding Training.
- **Miss Oven Mitts:** Refreshment Partner. They provide a variety of delicious, healthy foods that are made without refined flour and sugar. They had a desk set up in front of the seminar hall. All our quiz winners were rewarded with a hamper by our sponsor, Miss Oven Mitts.
- **Studypaq:** A USA-based EdTech company that provides course documents for college students enabling students to prepare for any assignment or exam for any course. The attendees were asked to register on their platform and provide reviews about the same.

Outcomes:

This session provided attendees with hands-on knowledge of various aspects of open-source programming.



GFG Workshop in action



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DJCSI was on its toes to solve all our attendees' queries



Awarding the Quiz Winners



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Event 04: The Weekend

Date: 10–11 February 2023

Timeline:

TIME	DESCRIPTION
Day 1: 10 February, 2023	
07:30 am	DJCSI and Trinity committee members reach college for preparations
10:00 am	Non-tech games start
10:00 am	Inauguration of the Weekend in the Seminar Hall
10:30 am	PowerBI Seminar begins
11:45 am	PowerBI Seminar concludes
12:15 pm	Participants of Relay Coding assemble at the Seminar Hall for rules explanation
12:45 pm	Relay Coding rules explanation ends
12:45 pm	Participants escorted to the 6 th floor for Relay Coding
01:45 pm	Tech Tac Toe participants assemble at the Seminar Hall for rules explanation
02:00 pm	Tech Tac Toe begins in the Seminar Hall
03:30 pm	Relay Coding concludes
05:00 pm	Tech Tac Toe and non-tech games conclude
06:00 pm	Release of Problem Statements for Pixel Paranoia
Day 2: 11 February, 2023	
07:30 am	Reporting time for all the participants
08:00 am	Inauguration ceremony begins
09:00 am	Release of Allotted problem statements and beginning of prototyping
12:00 pm	Mentoring rounds begin
01:00 pm	Distribution of lunch
04:00 pm	Prototyping ends
05:00 pm to 06:45 pm	First judging round
06:45 pm	Announcement of shortlisted teams
06:45 pm to 08:00 pm	Final judging round for shortlisted teams and closing ceremony



Department of Information Technology



Guests Invited:

Guest Name	Reason for Inviting
Mr. Alihasan Sabuwala	Speaker for Power BI Seminar
Mrs. Grishma Nanavaty	OpenCanvas Study Abroad Seminar Speakers
Mrs. Nishreen D.	
Mrs. Madhavi Mehta	
Ms. Tanvi Save	Mentors for Pixel Paranoia
Mr. Shivam Vora	
Mr. Darshan	Mentors and Judges for Pixel Paranoia
Mr. Mayuresh	
Mr. Roshan	
Mr. Darren	Judges for Pixel Paranoia
Mr. Kishan	
Mr. Siddhant	
Mr. Mayur	
Ms. Purna	Online Judges for Pixel Paranoia
Mr. Amey	
Mr. Amogh	

Permitted participants/attendees: Students of any college

Total Footfall: 500

Description of the Event:

DJCSI partnered with DJSCE Trinity for “The Weekend” event. A two-day event which did not only help our participants enhance their skills but also provided them with the platform to network with other like-minded individuals and companies in the industry.

Day 1: Power BI Seminar

As a part of “The Weekend”, a hands-on Power BI Seminar on 10th February 2023 was the first of many events. The Seminar Hall on the third floor of the college served as the venue. The guest speaker invited was Mr. Alihasan Sabuwala, a data engineer working at JP Morgan Chase, and an alumnus of DJ Sanghvi College of Engineering.



Department of Information Technology



The event commenced with a felicitation ceremony during which Dr. Vinaya Sawant, the Head of the IT Department, presented Mr. Sabuwala with a bouquet of flowers as a token of appreciation. This was followed by a short speech introducing the guest to the audience, emphasising his achievements and extensive experience as a seasoned professional in the field of data engineering.

Mr. Sabuwala then took to the stage and graciously thanked the management for inviting him as a guest speaker. He began by explaining the fundamentals of data science and business intelligence, emphasising its significance in today's world. The fundamentals included the four steps to be followed while handling any type of data which he later illustrated in the hands-on session. He then moved on to Power BI and its numerous features. With the help of a sample dataset, he gave the audience a complete walkthrough of Power BI going through the aforementioned steps. He ensured that the session was an interactive one by asking questions, solving any queries and by encouraging the audience members to ask questions.

This was followed by a Q&A session. Mr. Sabuwala answered various questions including but not limited to the following – advantages and disadvantages of Power BI, differences between Power BI and Tableau, steps to becoming a master in Power BI, starting a journey in Data Science as a novice. Following the Q&A session, the closing speech was delivered, and the audience dispersed.

The session was instructive and served as an excellent starting point in the domain of data science for most of the audience members. It introduced them to the world of business intelligence, providing valuable insights on how to transform raw data into meaningful and actionable information.

Day 1: Relay Coding

The excitement and adrenaline rush of coding was palpable at “The Weekend” event. Relay Coding was one of the most hotly contested games, with 43 teams vying for the top spot. Participants had the opportunity to showcase their coding skills and put their knowledge to the test.

The relay coding competition was designed to test the speed and accuracy of the participants, with time playing a major role. The round-wise progression was rigorous and demanding. Each team had a size of 4 members. The first member of each team started the competition. 22 participants were present in the AI Lab and 21 participants in the NS Lab of the IT Department. In the lobby, the second member of each team was kept waiting for their turn, while the third and fourth members of the team were kept waiting in Room 66.



Department of Information Technology



The questions in each round were a mix of pattern-based and output-based, and the difficulty level increased with each round. The order of participants was pre-decided, and only after one question was solved and the output was verified by our volunteers, were the participants allowed to run to call their next teammate. The next question would then be given to the next teammate.

To add to the excitement, power cards were included to aid them in the competition. The first member of each team was asked to pick up two chits randomly, which had the power cards they were provided. In total, the chits had four types of power cards – browser search for 20 seconds, Phone-a-Friend (the ability to call a teammate for 1 minute), Teammate Swap, and Change the Question. Each team had two lives, and a life was lost if a wrong answer was given.

Each team had a volunteer assigned who managed all the questions, kept a track of the power cards used, and prevented the usage of unfair means to solve the questions.

The competition was fierce, with only 6 teams qualifying for the second round. In the end, there was only one winning team and they were awarded prizes and goodies to celebrate their victory.

Overall, the event was a resounding success, providing a fun and challenging environment for participants to test their coding skills. It was well-organised and provided an exciting atmosphere that encouraged participants to push themselves to their limits. The organisers thanked all the participants for their enthusiastic participation and look forward to conducting more thrilling and challenging events in the future.

Day 1: Tech Tac Toe

“Tech Tac Toe” was an exhilarating quiz competition among the tech as well as non-tech enthusiasts. It was a head on competition amongst two teams consisting of two or three members each.

The individual teams were allotted an ‘X’ or a ‘O’ which would later be used to place on the grid. Placing their respective symbols on the grid required the teams to answer the quiz question correctly. In order to answer a question, to increase the adrenaline among the players, the team was provided with a buzzer. The quickest team to press the buzzer would be given a chance to answer the question. Golden Questions were also prepared in case of a tie.

The excitement and euphoria increased after every question as the winner was decided based on which team would get 3 consecutive X’s or O’s vertically, horizontally or diagonally. A minor twist included was that each team got only 3 lives. Incorrect answer to a question led to the loss of one life.



Department of Information Technology



In conclusion, the event was a major success full of twists, turns and triumphs. Every team was thrilled to be a part of this event and gained tech as well as non-tech knowledge.

Day 1: Non-Tech Games

Mini Golf: Mini Golf was set up on the 6th Floor, in the IT Department. It proved to be a fun and entertaining activity that combined elements of traditional golf with a more lighthearted and playful approach. Players used a small club to hit the ball into the hole in as few strokes as possible. Depending on the difficulty of hitting a hole, score denominations were set as 10, 30, 50.

Nerf Gun: The Nerf gun game was set up inside the Conference Room on the 1st Floor. It was a fun and energetic way to engage in friendly competition with friends. In this particular game, each player is equipped with a Nerf gun and a supply of soft foam darts. The can is placed on a flat surface, and the ball is placed on top of it. The players take turns trying to hit the ball with their Nerf darts, trying to knock it off the can without hitting the can itself.

Flip the Cup: A fun game was set up at the ground floor which could be played with 2-4 players. A timer of 45 seconds was set up, within which one of the players had to win, else nobody received any prize. Each player was given a cup and the aim was to constantly try to flip the plastic cup onto its top, by flicking the cup from the edge of the table with one hand.

The player who successfully flips the cup takes the can one step closer towards him/her on the board. The first one to reach the end of the board wins the game.

Basketball Pong: A fun and competitive game set up inside the Conference Room on the 1st Floor that combined elements of traditional beer pong with the sport of basketball. In this game, players attempt to shoot a ping-pong ball into cups placed on a wall, with each cup being worth a different number of points. Each cup is assigned a specific point value (10, 20, 50), with the cup at the center being worth the most points and the cups at the bottom worth the least. When a player successfully shoots the ball into a cup, they are awarded the corresponding number of points.

Day 2: Open Canvas Study Abroad Seminar

Day 2 of DJCSI X Trinity's "The Weekend" started off with a session by Team OpenCanvas Education on "Financing Your Study Abroad: Scholarships & Aid", where their Founder, Mrs Grishma Nanavaty answered queries and delineated on how students can begin their journey towards their dream postgraduate college.



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The seminar began with a detailed overview on benefits of studying abroad, including language skills, career opportunities, and personal growth, the types of study abroad programs, the application process including information on deadlines, requirements, and what to expect during the selection process. She also enlightened about financing options like scholarships, grants, loans, and other aids.

After a detailed exegesis about the process of application and other aspects, the students attending the seminar were given an opportunity to ask their queries. There were questions of wide depth from the attendees and all of them were interactively answered.

The seminar was a houseful. Students were extremely absorbed and grinned in understanding the process for their future pathway. It provided them with valuable information and resources to help them make an informed decision about studying abroad and prepare for their overseas experience.

Pixel Paranoia Winners:

Position	Team Name	Team Members
First Place	Pixel Puffs	Araish Shaikh
		Sanjal Ghate
Second Place	Creativelux	Kashish Gandhi
		Meet Patel
Third Place	NoCode	Yuvraj Thakur
		Deshna Gandhi



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Day 1 Photographs:



Flip The Cup Mini-game



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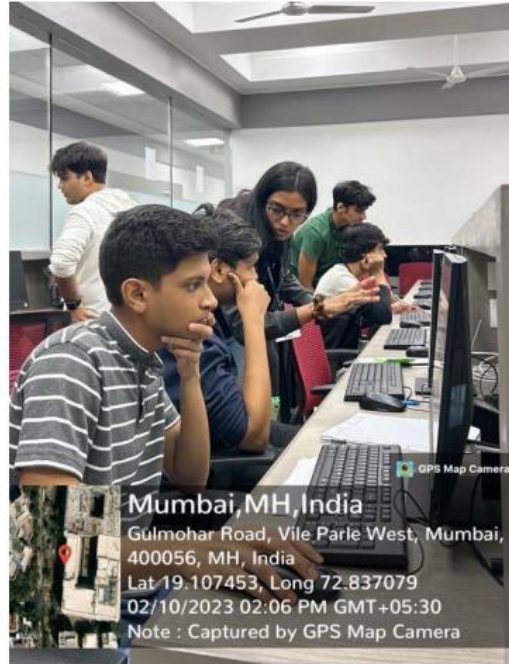
Mini Golf game



Nerf Gun Mini-game



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Relay Coding: Volunteers on their toes throughout the event



Tech Tac Toe in action



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Relay Coding: Lab 1 Winning Team



Relay Coding: Lab 2 Winning Team



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Day 2 Photographs:



OpenCanvas Study Abroad Seminar



Pixel Paranoia: Opening Ceremony in the 1st Floor Conference Room



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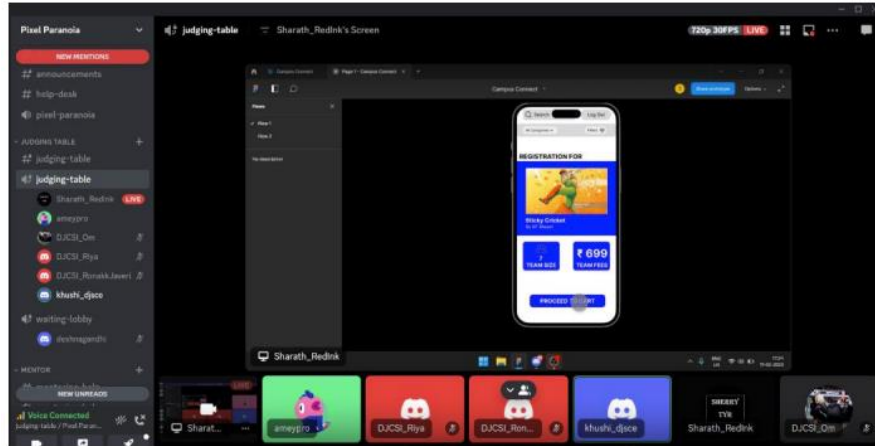
Pixel Paranoia: Mentoring Rounds



Pixel Paranoia: Round 1 of Judging (Offline)



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Pixel Paranoia: Round 1 of Judging (Online)



Pixel Paranoia: Final Round of Judging



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Pixel Paranoia: Participants presenting in the Final Round of Judging



Pixel Paranoia: Team Pixel Puffs winning First Place



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Pixel Paranoia: Team Creativelux winning Second Place



Pixel Paranoia: Team NoCode winning Third Place



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We had an action-packed schedule, starting with a series of informative seminars on Abroad Studies and Power BI. Inclusion of Tech games which proved to be a fun and engaging way to connect with people who share the passion for coding, tested their technical skills and challenged them to think outside the box.

For those who were looking for a break from technology, we also had a range of non-tech games that provided a fun and relaxed atmosphere for everyone to unwind and socialise.

And finally, we had the flagship UI/UX Hackathon where participants received the opportunity of working with a team of talented individuals to create innovative solutions to real-world corporate problem statements.

This partnership between DJCSI and Trinity brewed a dynamic and inspiring weekend for all of our participants and committee members. The enthusiasm and energy displayed by all participants made the event truly unforgettable. We hope that this tradition continues in the years to come and provides a platform for students to showcase their skills and talents.

In conclusion, the event was a resounding success that showcased the diverse range of talents and abilities within the DJSCE community. The participation of students in various competitions and committees highlighted the strength and unity of the college.



Department of Information Technology



Event 05: **CODESHAstra 9.0**

Dates: 08–09 April 2023

Timeline:

TIME	DESCRIPTION
Day 1: 08 April, 2023	
06:30 am	DJCSI committee members reach college for preparations
07:30 am	Reporting Time for participants
7:30 am to 09:00 am	Bag Checking and ID allotment to the participants
7:30 am to 09:00 am	Team leaders assemble in Seminar Hall while other team members are escorted to the labs on the 6th floor
09:15 am	Inauguration Ceremony begins in the Seminar Hall
09:15 am to 10:00 am	Speeches by Honourable Principal, Vice-Principal, Training & Placement Officer and Branch Counsellor
10:00 am	CodeShashtra rules, instructions and food plan explanation
10:30 am	Problem Statements allotment
11:00 am	Hacking Starts
01:30 pm	Mentoring Round 1 starts
02:30 pm	Lunch
03:30 pm	Mentoring Round 1 ends
05:30 pm	High Tea



Department of Information Technology



Day 2: 09 April, 2023	
12:00 am	Mentoring Round 2 starts
01:00 am to 02:00 am	Waffles served to all participants
02:00 am	Mentoring Round 2 ends
02:30 am	Midnight Snacks
08:00 am	Breakfast
11:00 am	Hacking ends
11:30 am	Teams assembled in classrooms as per their respective Problem Statements
11:45 am	Judging Round 1 begins
02:30 pm	Judging Round 1 ends
03:00 pm	Announcement of the Top 12 Teams
03:15 pm	Lunch for top 12 teams
04:00 pm	Judging Round 2 begins in Seminar Hall
05:00 pm	DJCSI committee members start winding-up the decorations and other clean-up
07:30 pm	Judging Round 2 ends
08:00 pm	Closing Ceremony
08:30 pm	Prize Distribution ceremony
09:00 pm	CodeShastra 9.0 officially ends.

Permitted participants/attendees: Shortlisted teams consisting of 3-4 students of any college on the basis of profile and resume screening.

Total Footfall: 55 Teams, 219 Participants (1100+ registrations overall)\

Problem Statements: There were 6 Problem Statements out of which the participants had to fill in their preference. The problem statements were released on the 7th of April, at 06:00 pm. The preference form for the choice of problem statements was released on the 7th of April at 07:00 pm. The problem statements were then allotted on a first-come first-served basis during the inauguration ceremony on Day 1.



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A brief description of each problem statement is as follows:

PS 01 – Domain: Web/App

Restaurants and cafes face challenges verifying employee credentials, risking security and finances. A user-friendly, secure, and cost-effective solution is needed. Features should include enrolling verified employees with photos and ID cards, flagging employees with colors based on their reports, verifying photos with eKYC services, and checking the central database for past work experience.

PS 02 – Domain: Blockchain

A Juhu-based coffee shop targets customers aged 15-35 to increase revenue and reduce costs. The required features include a blockchain-based loyalty and wallet program, a dashboard for loyalty incentives and exclusive event access, a gamified ordering process with a user leaderboard, and push notifications for important messages.

PS 03 – Domain: Cloud

Parents are concerned about their children's safety online, and a parental control solution can help. The solution provides website/app blocking, time management, content filtering, activity monitoring, customizable rules, and security features such as PIN protection to prevent uninstallation or turning off the monitoring app.

PS 04 – Domain: AI/ML

Homeowners often begin renovating or redecorating their homes by painting the walls, as this simple project can provide a fresh look and set the tone for the entire house. Create a system that simplifies the process of choosing a new paint colour for homeowners by allowing them to visualise how their homes would look with a new coat of paint. The system should accurately paint only the necessary wall sections while still providing a realistic representation of the image. This would eliminate the stress of choosing from the endless paint colour options available and prevent homeowners from making costly mistakes. The system should include features like uploading images of rooms that may or may not contain walls and the ability to select different wall sections to be painted with colours chosen by the user.

PS 05 – Domain: Open Innovation

Develop a threat intelligence solution for the cyber security company to detect and analyse potential security threats from networks, systems, and applications. The solution should scrape data from websites and applications like shopping, betting, gaming, dating, and chatting platforms, and analyse it to identify any registered mobile numbers or email addresses with the company's websites/apps. The scraped data should be presented in a tabular form without notifying the user. The solution should execute requests within seconds and present output data in a user-friendly



Department of Information Technology



visual format. Extracting a maximum number of attributes from various platforms is also a crucial feature.

PS 06 – Domain: Web/App

A mobile app is needed to help students manage their finances effectively. It should be mobile-friendly and address common student finance issues such as budgeting, expense tracking, and student loan management. The app should have a user-friendly interface, provide budgeting tools, expense tracking, student loan management, and optional features such as personalised financial guidance through AI and machine learning algorithms, and social networking features.

Description of the Event:

Day 01: Saturday, 08 April 2023

DJCSI - the official student chapter of the Computer Society of India of Dwarkadas Jivanlal Sanghvi College of Engineering, hosted its 9th edition of the legendary 'CodeShastra'. The 24-hour hackathon, held on the 8th and 9th of April, was a thrilling event that tested the mettle of some of the most innovative minds in Mumbai. CodeShastra, which has gained a reputation as the largest and longest-running hackathon in the city, proved once again why it holds such a prestigious position in the world of hackathons. The theme for this year was "Among Us", and the event's tagline was "Unmasking Innovation".

The event kicked off early in the morning with the DJCSI committee members reaching the college premises for the preparations at 06:30 am. The reporting time for the participants was 07:30 am, where they were welcomed by the event organisers and taken through the security check-in process. After receiving their IDs and an official CodeShastra 9.0 T-Shirt, the team leaders assembled in the Seminar Hall, while the other team members were escorted to the labs on the 6th level.

The inauguration ceremony began at 09:15 am in the Seminar Hall on the 3rd floor with speeches by the Honourable Principal Dr. Hari Vasudevan, Vice-Principal Dr. Manali Godse, Training & Placement Officer Dr. Rajendra Khavekar, Branch Counsellor Dr. Vinaya Sawant, and one of our most honourable senior faculty Dr. Abhijit Joshi. They highlighted the importance of hackathons and how they foster innovation and creativity by providing an environment for experimentation, collaboration, problem-solving, time management, and networking.

The rules and regulations along with the food plan were briefly explained, following which the problem statements were allotted to the teams at 10:30 am. At 11:00 am, the hacking began, and



Department of Information Technology



participants discussed the features, user interface, tech stacks, timelines, and the unique selling points for their project. The first round of mentoring began at 01:30 p.m., with experienced industry professionals offering guidance to the teams and answering their questions. The attendees were served a delicious meal during the lunch break, which lasted from 02:30 pm to 03:30 pm. The Round 1 of Mentoring ended at 03:30 pm, and the teams continued working on their solutions. At 05:30 pm, the organisers provided high tea to participants to keep them energised for the long haul.

As the day progressed, the teams worked hard to come up with innovative solutions to the given problem statements. The organisers served dinner to the participants at 09:30 pm while streaming the live IPL match of MI vs CSK for everyone to watch. After dinner, participants had the option to take a nap on comfortable beds provided in 2 classrooms or play FIFA and F1 22 on PlayStation 4 which had been set up in Classroom 64.

Day 02: Saturday, 09 April 2023

The second round of mentoring began at 12:00 am. The mentors (final-year students of the IT Department) offered advice and ideas to the teams, assisting them in refining their projects. The participants were then offered waffles between 01:00 am and 02:00 am, refuelling them for the remaining hours of the hackathon. The second round of mentoring concluded at around 02:00 am, and the participants were provided with snacks and energy drinks to help the participants power through the night. The participants continued to work diligently on their projects. At 08:00 am, the participants were served a nutritious breakfast to prepare them for the final stages of the hackathon.

The coding period came to an end at 11:00 am sharp as the teams made their final commits on GitHub and consequently the final submission on Devfolio. The teams were then organised in different classrooms according to their problem statements for the judging round. At 11:45 am, the teams began presenting their projects to a panel of judges who were specialists in their respective domains. The judges evaluated the projects based on the features offered, innovation, technical skills, creativity and practicality.

Judging Round 1 concluded at 02:30 pm, and the Top 12 teams were announced at 03:00 pm. The Top 12 teams were then treated to a special lunch. The teams had an opportunity to unwind and take a break from the frenetic pace of the hackathon.

At 04:00 pm, Judging Round 2 began in the 3rd Floor Seminar Hall. The Top 12 teams presented their projects to a panel of judges, who assessed the projects based on various parameters such as impact, feasibility, scalability, and implementation. Judging Round 2 concluded at 07:30 pm, and the final results were announced during the Closing Ceremony.



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Before announcing the winners, all our judges were presented with hampers and a trophy as a token of appreciation. The event concluded with the Prize Distribution ceremony, where the winners were awarded cash prizes, certificates and round-trip tickets to Singapore.

The event was a resounding success. Each department did its job flawlessly while assisting in all other tasks without hesitation, irrespective of their department.

- Our **Secretaries** managed to get all the permissions and allowances sorted well in advance.
- The **Treasurers** did all they could to keep the finances up-to-date and transparent. Our Vice-Chairpersons and Chairperson managed communication with our faculty members.
- The **Technical team** created the highly praised website for CodeShastra, drafted the problem statements, managed the submissions on Devfolio, assisted with technical difficulties, and were in charge of the candidates' Round Zero and General Round shortlisting.
- The **Creatives team** designed beautiful decorations which embellished the corridors and the lobby of the 6th floor.
- The **Marketing team** was successful in obtaining sponsors to support the whole event, which included an unprecedented prize pool of ₹1.5 lacs.
 - Publicising within the college and physically visiting other colleges in Mumbai to promote the event, the **Publicity team** ensured that the event was widely known and recognised by a large audience.
- The **Events team** were in charge of maintaining the flow of the event along with inviting the judges and mentors.x
- From relocating the benches to lugging the mattresses, the **Logistics team** handled all of the heavy liftings.
- The **Editorial team** drafted numerous speeches, promotional messages, invitation emails, social media content, and reports.
- The **Social Media team** kept the audience up to date by uploading Instagram stories and reels and LinkedIn updates



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CodeShastra 9.0 Winners:

Position	Cash Prize	Team Name	Team Members
First Place	₹70,000	Enemies of Syntax	Dishant Zaveri (TE CS)
			Mihir Shinde (TE CS)
			Vismay Vora (TE CS)
			Kartik Jolapura (TE CS)
Second Place	₹50,000	Lambda Coders	Jay Patel (TE CS)
			Kunal Joshi (TE CS)
			Jharana Solanki (TE CS)
			Rudra Trivedi (TE CS)
Third Place	₹30,000	CORS Warriors	Khushi Mehta (TE CS)
			Kush Maniar (TE CS)
			Pratham Bhoir (TE CS)
			Urmi Dedhia (TE CS)

Sponsors for CodeShastra 9.0:

Sponsor Name	Type of Sponsorship
Ettara	Title Sponsor
Pixel Free Studios	Associate Sponsor
Devfolio	Platinum Sponsor
Polygon	
Solana	
Filecoin	Gold Sponsor
Replit	
BeReal	Social Media Partner
Aara Education Consultancy	Knowledge Partner
BOUNCE Inc	Fun Partner
Orelo	Energy Drink Partner
NuCash	Finance Partner
Taskade	Tech Partner
KodeKloud	
Axure	
Beeceptor	
Learning While Travelling	Ecosystem Partner



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Day 1 Photographs:



Lat 19.107239° N, Long 72.837225° E

Efforts taken by the Creatives Team to decorate the entire college



Mumbai, MH, India
Gulmohar Road, Vile Parle West, Mumbai,
400056, MH, India
Lat 19.107154, Long 72.837051
04/08/2023 09:18 AM GMT+05:30
Note : Captured by GPS Map Camera

Registration Desk at the Ground Floor



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Dr. Hari Vasudevan addressing the crowd at the Inauguration Ceremony



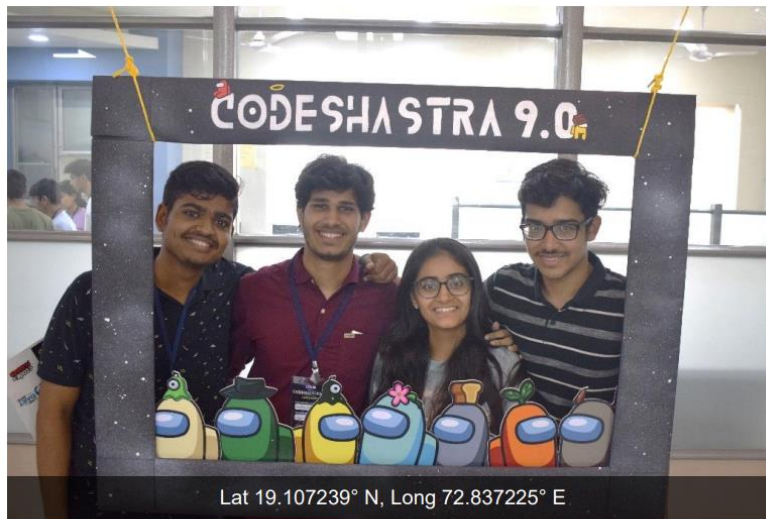
Our honourable principal kindling the traditional light



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Participants at the Inauguration Ceremony



Participants at the CodeShastra Photo Booth



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Title Sponsor, Ettara at the Round 1 Mentoring



Round 1 Mentoring by Industry Experts



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Day 2 Photographs:



Addressing the Judges in the 6th Floor Staff Lounge before the Judging Round



Teams presenting their solution in the Judging Round 1



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One of the Top 12 Teams presenting their project to the Panel in Judging Round 2



Panel of Judges



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Felicitating our Panel of Judges



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The Second Runners-up: Team CORS Warriors



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The First Runners-up: Team Lambda Coders



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The Winning Team: Enemies Of Syntax



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CodeShastra Judges with the DJCSI Core

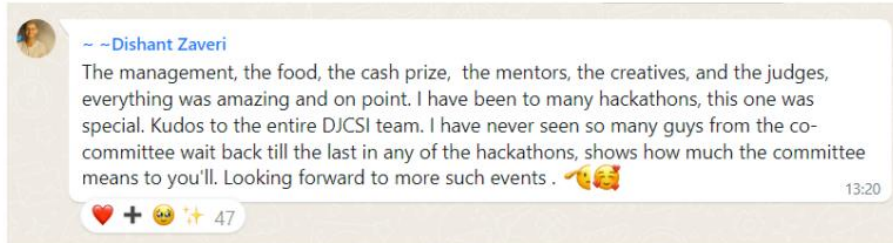


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The Organising Committee of CodeShastra 9.0



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Feedback received from the Leader of the Winning Team

It was the first time that a hackathon at DJS received praise of this magnitude from all participants and guests. Our hackathon's quality and management garnered praise even from those who weren't shortlisted. The positive response we received bolstered our committee's belief in its ability to successfully plan future mega-events.

Throughout the hackathon, every member of the organising team worked diligently to ensure that there were no hiccups. Any problems that arose were easily resolved. Everyone worked together as a team and helped each other. The fact that they took turns taking naps really highlighted their commitment towards the event. Their attention to detail was truly remarkable.

This event gave participants the opportunity to showcase their coding talents, learn from experts in the field, and network with other like-minded individuals. The overwhelmingly positive feedback from participants and sponsors illustrates the enormous potential of such events to drive creativity and technical growth. The hackathon concluded with inspired minds, ignited brains and an experience of a lifetime for the participants as well as the organisers. Overall, CodeShastra 9.0 set a high standard for future events, and we can expect even greater success in the coming years. DJCSI will continue bringing excellence to the community – onwards and upwards.



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Event 06: One-to-One Mentoring Session

Date: 13 April 2023

Time: 10:00 am – 06:00 pm

Venue: Class 65, Library Seminar Hall

Guests Invited:

Guest Name	Reason for Inviting
Prof. Shirley Mathew	Mentors for the Morning slot
Ayush Attawar	
Shivam Vora	
Om Naik	
Himanshu Harlalka	
Devanshi Jhaveri	
Ishika Chokshi	
Mr. Rocky Jagtiani	Mentors for the Afternoon slot
Mrs. Simran Jagtiani	

Permitted participants/attendees: Second-year students who had purchased the CSI Membership.

Total Footfall: 130 (90 in the morning slot, 40 in the afternoon slot)

Description of the Event:

DJCSI - the official student chapter of the Computer Society of India of Dwarkadas Jivanlal Sanghvi College of Engineering, hosted a one-on-one mentoring session in preparation of the Internship Fair organised by the Training and Placement Cell of DJSCE (15th – 16th April, 2023). This session was held exclusively for CSI members, to provide them an edge over other students at acing internship and placement interviews.

The goal of this session was to mentor students on how to structure their resumés and present themselves for interviews, in order to guarantee optimal results.



Department of Information Technology



10:00 am to 01:00 pm Slot

The event commenced at 10:00 AM on 13th April, 2023. The mentoring was provided by Prof. Shirley Mathew, who is an author, educator and an expert in Communication and Soft Skills, along with a team of final-year IT students. A preference form had been floated earlier, asking participants if they were aiming for Tech-based jobs or Non-Tech jobs. On this basis, they were classified into two groups. 38 students had chosen non-tech, while 90 had chosen Tech. The participants who selected non-tech were led to the Library Conference Room on the first floor, where Prof. Mathew guided them with respect to their resumes and gave them tips for acing interviews. The participants with Tech preferences were given one-on-one guidance by the final year students, their super seniors, in room 65. Room 64 served as a waiting room. In both groups, every individual student's resume was reviewed and inputs were given to them on how to improve it and land jobs or internships of their liking. Participants who requested a mock interview went through the interview procedure as well.

02:00 pm to 06:00 pm Slot

The second slot started at 2:00 PM, after a lunch break. The mentors for this slot were Mr. Rocky Jagtiani, Head of Training and Development at Suven Consultants and Technology Pvt Ltd, and Mrs. Simran Jagtiani, Managing Director at Suven Consultants and Technology Pvt Ltd. Our industry experts arrived at 2:00 PM and started off by giving a brief introduction of themselves. Then they proceeded with the individual resume screening and mentoring session, which went on till 6:00 PM. They gave invaluable feedback and tips for each student's resume, and guided them on how they could crack even the toughest of interviews. Their advice was immensely helpful to the students, who left with a sense of confidence and satisfaction.

The event was declared over at 6:00 PM, after the final mentoring session.



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Photographs:



SE students in a mock interview with the super-seniors



SE CSI Members getting all their doubts cleared with their super-seniors



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Prof. Shirley Mathew providing tips to crack interviews



Mrs. Simran Jagtiani screening the resumes of CSI Members

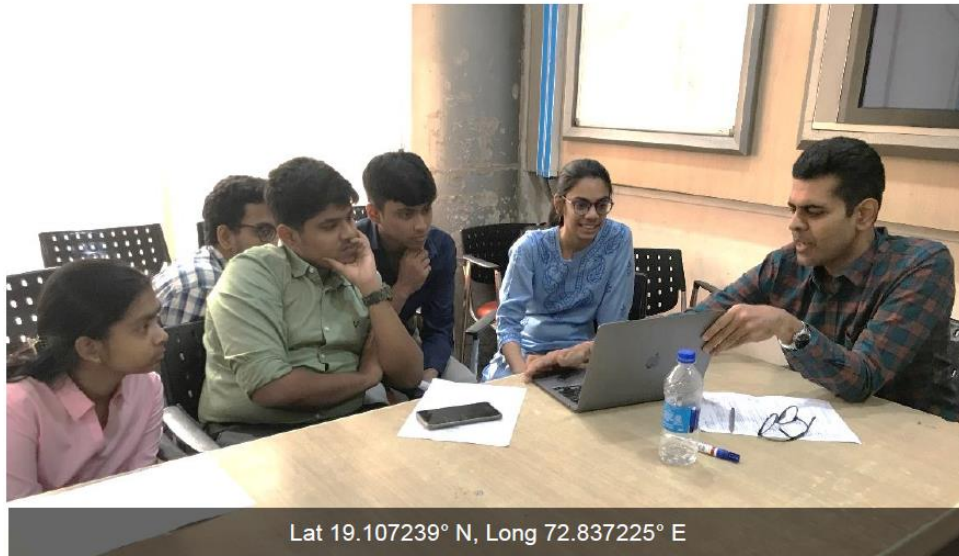


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Dr. Vinaya Sawant interacting with our industry experts



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Mr. Rocky Jagtiani telling about how to get internship opportunities



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This was a first-of-its-kind event conducted by DJCSI. The need to train students to build their resumes and ace interviews was recognized and acted upon. Students who had purchased the CSI membership were able to reap this benefit that would prepare them for the consequent internship fair, and all other internship / job opportunities they might encounter. Each and every member of the DJCSI team worked seamlessly to ensure the success of this event, even staying back after college hours to guarantee the smooth flow of the session.

The participants were extremely satisfied with this mentoring session, as indicated by the overwhelming feedback. The response in the morning session was so great and the publicity gained by word-of-mouth was so widespread that even people who had not registered for the mentoring requested us to allow them to sit with our mentors. In the future, DJCSI hopes to conduct more such events to provide the students with whatever guidance they require and highlighting the importance of a good resume and soft skills required to ace interviews. DJCSI will continue bringing excellence to the community – onwards and upwards.



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Event 07: Mentoring Session for Internship Fair 2023

Collaboration: Official Training and Placement Cell

Date: 14 April 2023

Time: 09:30 am – 12:30 pm

Guest Speaker: Prof. Shirley Mathew

Permitted participants/attendees: Students from all years and departments of Dwarkadas Jivanlal Sanghvi College of Engineering.

Total Attendees: 154

Description of the Event:

DJCSI – the official student chapter of the Computer Society of India of Dwarkadas Jivanlal Sanghvi College of Engineering, in collaboration with the Training and Placement Cell of DJSCCE, hosted a Mentoring Session for the Internship Fair conducted by the Training and Placement Cell on 15th and 16th April, 2023. This session was conducted by Prof, Shirley Mathew, an author, educator and expert in the field of Communication and Soft Skills online via MS Teams.

The purpose of this session was to prepare students for the upcoming Internship Fair, to provide participants with practical advice and guidance on how to prepare a strong resume and perform well in interviews. For most students attending, it was their first time giving an interview. They needed guidance on how to present themselves formally for an interview and how to navigate through tricky questions asked by interviewers to land a job. This kind of guidance is exactly what Prof. Mathew provided the attendees.

The session commenced at 9:30 AM with Prof. Mathew introducing herself and highlighting the importance of such a session. She emphasised the importance of preparing for the interview, such as researching the company and the job position, practising responses to common interview questions, and preparing questions to ask the interviewer. The participants were provided with several tips on how to make a good first impression, such as dressing appropriately, arriving early, and being polite to everyone they meet.

Prof. Mathew also discussed the different types of interviews, such as phone interviews, video interviews, and in-person interviews, and provided guidance on how to prepare for each one. The participants were provided with several tips on how to handle difficult interview questions, such as staying calm, being honest, and focusing on their strengths.

Prof. Mathew then proceeded to guide participants on how to build an effective resume. She

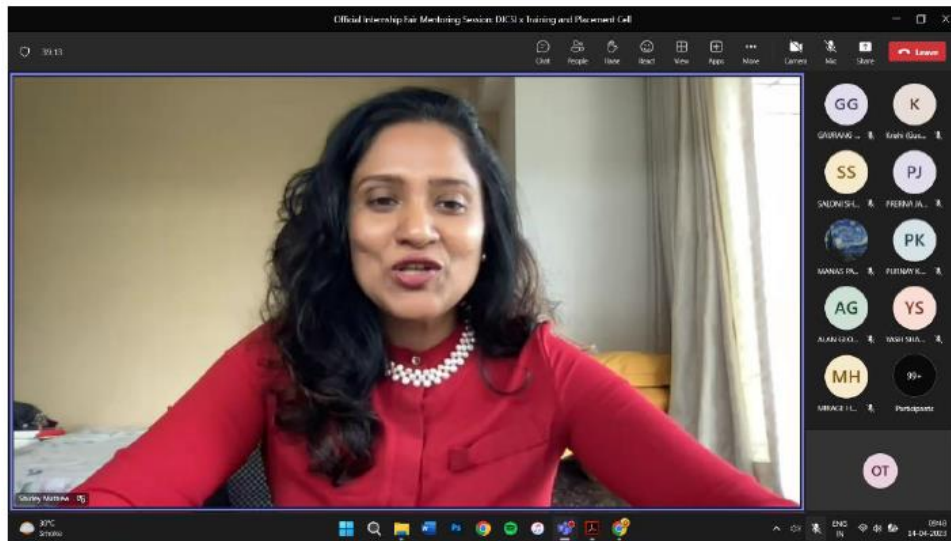


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emphasised the importance of tailoring the resume to the job description and highlighting the relevant skills and experiences. The participants were provided with several tips and tricks to make their resume stand out, such as using action verbs, including quantifiable achievements, and avoiding generic statements. Prof. Mathew also discussed the common mistakes that job seekers make in their resumes, such as spelling errors and formatting issues, and provided guidance on how to avoid them. She also reviewed some resumes submitted by participants, and provided inputs on how they could be made better and more effective.

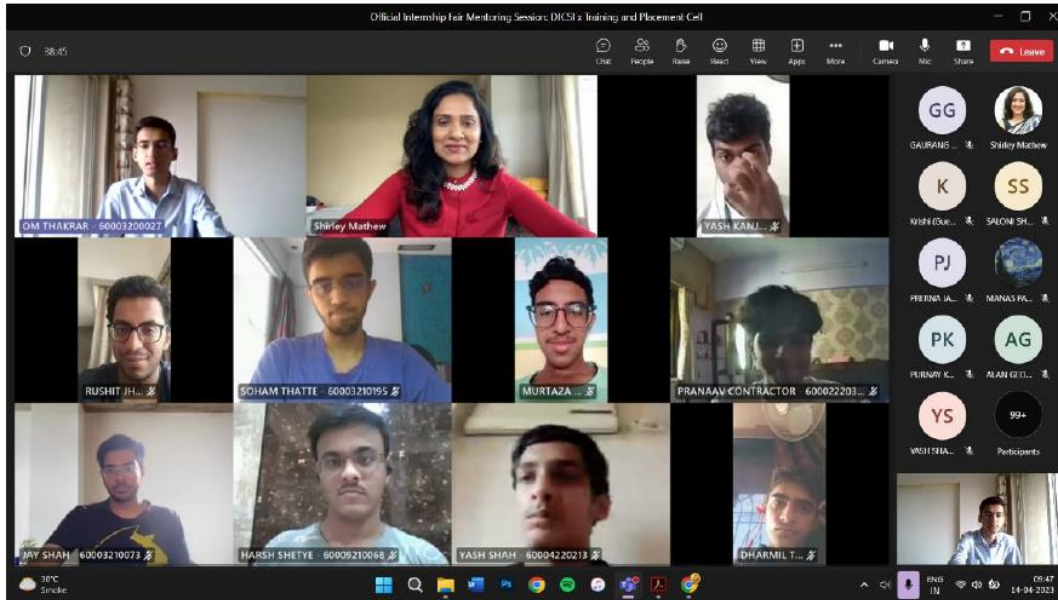
Photographs:



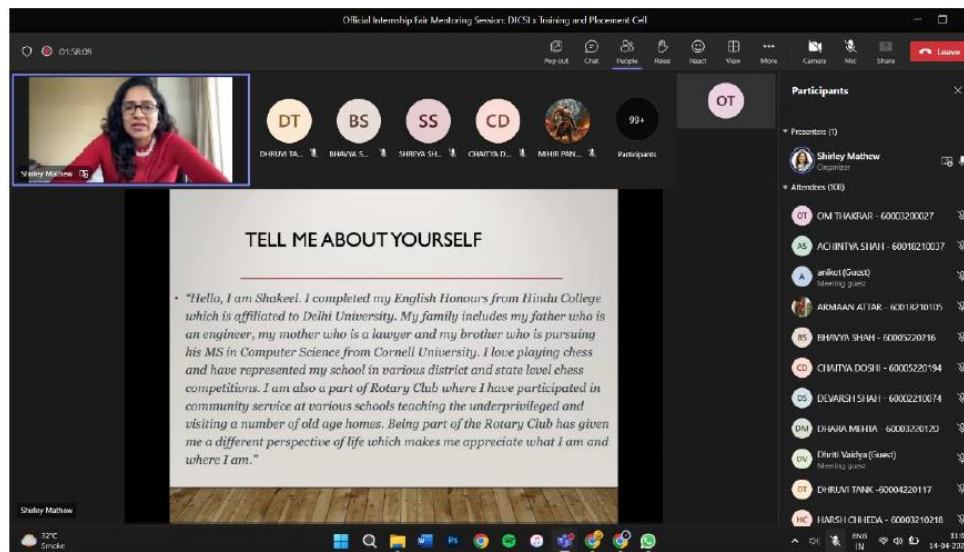
Prof. Shirley Mathew welcoming all students



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A group photograph with our participants



Tips on how to tackle the "Tell me About Yourself" question



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Official Internship Fair Mentoring Session: DJCS | Training and Placement Cell

Resume_Shera Shah - Rena Shah.pdf
Page 1 of 2

Rena Shah
 Mumbai, India | +91 9824106331 | therenashah@gmail.com

S.E. B.Tech – Computer Science Engineering (IoT, Cybersecurity, Blockchain Technology). www.linkedin.com/in/therenashah
<https://github.com/therenashah>
 Dwarkadas Jivanlal Sanghvi College of Engineering

EDUCATION

Degree/Certificate	Institute/Board	GPA/Percentage	Year
B.E. CSE (IoT, Cybersecurity, Blockchain technology)	DJSCE	8.86 (latest)	2021-present
Senior-Secondary	CBSE	95.6%	2021
Secondary	CBSE	95.3%	2019

WORK EXPERIENCE

President, Dream School Project February 2022-Present
 Yishalakshi Foundation, Mumbai, Maharashtra

Design Intern March 2022-March 2023
 Montfort Care, Mumbai, Maharashtra

- Created engaging content for Montfort Care's social media presence
- Designed and edited videos, flyers and posters using tools like Canva, Adobe Photoshop and Figma.

Resume Screening of our participants



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This was DJCSI's first time collaborating with the Training and Placement Cell of DJSCE, and overall, this first collaboration was well received. The online session was a huge success. The participants found the presentation informative and practical, and they appreciated the opportunity to ask questions and receive personalised feedback. The session provided the participants with the knowledge and skills they need to create a strong resume and perform well in job interviews. The participants left with a sense of satisfaction and confidence to ace interviews.

Our efforts paid off in an even better manner when we found that there were also parents who were attending the seminar on behalf of their children. One of the parents even gave a vote of thanks to our guest speaker towards the end of the seminar. The feedback from participants was extremely positive, and DJCSI hopes that this collaboration with the Training and Placement Cell will continue and yield more of such successful events. DJCSI will continue to strive to bring excellence to the community – onwards and upwards!

Prof. Richa Sharma

Faculty Advisor, DJCSI

Dr. Vinaya Sawant

Branch Counsellor, DJCSI