



Shri Vile Parle Kelavani Mandal's
DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING
(Autonomous College Affiliated to the University of Mumbai)
NAAC Accredited with "A" Grade (CGPA : 3.18)





DJS CodeStars Annual Report 2023-2024

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Introduction

DJS CodeStars, the official competitive programming club of Dwarkadas Jivanlal Sanghvi College of Engineering, has had a highly productive year, marked by several significant events aimed at fostering competitive coding skills among students. Competitive programming is a mind sport where participants solve well-defined problems by writing computer programs under specified constraints. Recognized as one of the biggest competitive programming college clubs in the country, CodeStars has been instrumental in guiding students for their ACM ICPC preparation, often referred to as the Olympics of programming.

The committee successfully organized two major events this year, "Code UnCode" and "Code Bounty," which attracted substantial participation and enthusiasm from students. "Code UnCode" was particularly notable, being one of the largest competitive programming competitions in the country. Additionally, the club conducted post-contest discussions after every CodeChef and Codeforces contest, assisting students with doubts and questions. These sessions have played a crucial role in enhancing the problem-solving skills of our members.

Furthermore, CodeStars' regular tie-ups and sessions with some of the highest competitive programmers in the country have been immensely beneficial for our members. With an increasing number of students regularly participating in contests, CodeStars is becoming increasingly successful in accomplishing its mission. The dedication and efforts of the committee and its members are paving the way for a brighter future in competitive programming for all students involved.



Event 01: Co-comm Interviews

Date of the Event: 5th and 6th November, 2023

Mode: Offline

Time: 09.00 a.m. – 06.00 p.m.

Permitted participants/attendees: Second year and DSE students from all departments of Dwarkadas Jivanlal Sanghvi College of Engineering

Description:

The recruitment aimed to select enthusiastic and talented students to join the DJS CodeStars co-committee across various roles including Creatives, Publicity, Editorial, Marketing, and Technical. The recruitment process involved interviews round in order to assess and evaluate the skills, creativity, and commitment of the applicants.

During the selection process, applicants had to showcase their specific skills and passions through a combination of written applications, portfolios, and interviews. For the technical domain, we looked for students with strong problem-solving abilities and proficiency in relevant technologies. The marketing and publicity department sought individuals with creative ideas and experience in social media management, advertising, and public relations. The editorial team needed candidates with excellent writing, editing, and communication skills. For the creatives domain, the committee prioritized those with talents in graphic design, photography, and other artistic areas. By clearly defining the roles and responsibilities of each domain and creating an inclusive and engaging recruitment process, the committee attracted enthusiastic and capable students who were eager to contribute to the committee.

Conclusion:

The co-committee recruitment was successfully conducted, bringing in a diverse group of talented students who are expected to contribute significantly to the various activities and events organized by DJS CodeStars in the upcoming year.



Outcome:

A total of 44 students were shortlisted across different categories. The breakdown of the shortlisted candidates is as follows:

- Creatives: 8
- Publicity: 8
- Editorial: 4
- Marketing: 9
- Technical: 15

CO-COMMITTEE 2023-2024

TECHNICAL TEAM

Akashram
Amod Joshi
Atharva Narvekar
Bhavesh Suresh Lalwani
Deep Pandharkar
Dhvani Thakkar
Dnyanesh Sawant
Gargeya Parab
Hardik Ashok Rana
Jenil Shah
Lakshita Chellaramani
Prathamesh Chodankar
Rachit Garg
Veer Chheda
Yash Asgaonkar

MARKETING TEAM

Amit Upadhyay
Ayush Palkar
Dev Popat
Hakshit Adimulam
Jugal Pandav
Mohit Gokhale
Shail Jain
Swayam Mehta
Taksh Tejas Shah

CREATIVES TEAM

Aryan Patankar
Ashish Satavase
Harshil Koladiya
Lakshya Joshi
Prisha Mitesh Desai
Priyanshu Singh
Rahil Dabhi
Tanvi Upadhyay

PUBLICITY TEAM

Bhumit
Darshan Dihora
Mallank Gogri
Moksha Shah
Neel Parekh
Riya Sadrani
Shah Pakshal Bhavik

PUBLICITY TEAM

Chelsi Shukla
Vruddhi Shah
Ansh Shah
Anish A. Shetty



Tanish Bagadia

Program Outcomes mapped (Please tick mapped POs)

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
✓	✓			✓			✓	✓	✓	✓	

Program Specific Outcomes mapped (Please tick the mapped PSOs):

PSO1	PSO2	PSO3	PSO4
✓	✓		✓

Alan George
Chairperson, DJS CodeStars

Dr. Aruna Gawde
Head Of Department, AIML

Dr. Vinaya Sawant
Head Of Department, IT



Event 02: Code Bounty

Date of the Event: 1st December, 2023

Mode: Offline

Time: 09.00 a.m. – 06.00 p.m.

Permitted participants/attendees: Students from all academic years.

Description of the Event:

DJS CodeStars, in association with DJS CSI, organized an exhilarating event titled "Code Bounty," a competitive coding competition hosted on the popular platform, HackerRank. This event was meticulously designed to identify, encourage, and nurture the coding talents within the college, providing them with a platform to showcase their skills and contribute to the institution's esteemed reputation.

The competition featured a series of challenging problems that tested participants' algorithmic thinking, problem-solving abilities, and coding efficiency. These questions were thoughtfully curated by the technical co-committee members, ensuring a diverse range of topics and difficulties. The preparation of these problems was supervised by the technical heads, who brought their extensive experience and expertise to ensure the competition was both rigorous and fair.

"Code Bounty" not only aimed to stimulate a competitive spirit among the students but also to foster a community of passionate coders who could learn from each other, collaborate, and push the boundaries of their knowledge. By participating in this event, students had the opportunity to enhance their coding skills, gain recognition, and potentially inspire others to delve into the world of competitive programming.

Event Timeline:

Preliminary Round: All 49 teams participated, out of which the top 12 teams advanced to the final round.



Outcomes:

➤ **Winners:**

- 1) **First Place:** Team Bogan Breakers
 - Shubham Jaiswar (SY Comps)
 - Siddhant Uniyal (SY Comps)
 - Tirath Bhathawala (SY Comps)
- 2) **First Runner-up:** Team #include
 - Ram Sapra (SY Comps)
 - Harsh Kanani (SY CSE-DS)
 - Mahek Vira (SY IT)
- 3) **Second Runner-up:** Team 3/4 Boiled Rice
 - Yash Kanjariya (SY CSE-DS)
 - Nishanth Ravichandran (SY CSE-DS)
 - Vedant Naik (SY CSE-DS)

Conclusion:

The event received an overwhelming response from students across all branches. It was a successful initiative to promote competitive coding within the college.

Photographs





Program Outcomes mapped (Please tick mapped POs)

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
✓	✓	✓	✓	✓			✓	✓	✓	✓	

Program Specific Outcomes mapped (Please tick the mapped PSOs):

PSO1	PSO2	PSO3	PSO4
✓	✓		✓

Alan George
Chairperson, DJS CodeStars

Dr. Aruna Gawde
Head Of Department, AIML

Dr. Vinaya Sawant
Head Of Department, IT



Code Bounty Participants' List

Name	Department	Year
Naman Surana	IT	SE
Mrinmayee Saste	IT	SE
Nupur Rawal	IT	SE
Neel Koradia	IT	SE
Mohammed Parkar	IT	SE
Harsh Vikas Shetye	CSE DS	TE
Rachit Chotalia	IT	FE
Vineet Mota	AI & DS	TE
Rohit Parmar	AI & DS	SE
Aryan Sharma	IT	SE
Harshal Vora	ICB	SE
Pravin Nag	AI & DS	TE
Mahek Vira	IT	SE
Parth Das	CE	SE
Akshay Kulkarni	IT	SE



Nivi Bokadia	IT	SE
Niharika Veer	IT	FE
Minori Wakade	IT	FE
Suman Swain	EXTC	SE
Sahil Singh	CE	TE
Dev Pandhi	ICB	TE
Aditya Gupta	CE	FE
Kalp Shah	AIML	FE
Varad Girolla	IT	SE

Yash Shah	IT	TE
Divam sanghvi	IT	SE
Shantanu Dhar	IT	SE
Yash parikh	CE	SE
Diksha	IT	SE
Dharmil Parekh	IT	SE
Ayush Karani	IT	SE
Gunj Waghela	ICB	SE
Abhishek Sinha	CSE DS	TE



Vidhi Shah	IT	FE
Rishabh Shah	AI & DS	TE
Aaron Mendonca	AI & DS	SE
Bhumit Mehta	IT	SE
Deval Kotak	ICB	SE
Shreevardhan Bhosale	AI & DS	TE
Kashvi Mahetaliya	IT	SE
Purva Patel	CE	SE
Amit Upadhayay	IT	SE
Veer Parikh	CE	SE
Khushi Parekh	IT	FE
Nyasa parikh	IT	FE
Soham Nagvekar	EXTC	SE
Krishi Shah	CE	TE
Mihir Vora	CE	TE
Bhaumik Chavda	CE	FE
Harsh Karakasia	AIML	FE
Soham Patil	IT	SE
Jhenil Parihar	IT	TE
Dev Bhanushali	IT	SE



Saurav Haldar	IT	SE
Saniya	IT	SE
Anvaya	IT	SE
Lakshya Joshi	IT	SE
Kush kapadia	IT	SE
Meet vaidya	CSE DS	SE
Uday Mahajan	CSE DS	TE
Tirth Gandhi	IT	FE
Kush Doshi	AI & DS	TE
Nilay Koul	AI & DS	SE
Chinmay Bopalkar	IT	SE
Bhargav pandit	ICB	SE
Darshil Joshi	AI & DS	TE
Kashvi Rita	IT	SE
Prince Adani	CE	SE
Aryan Singh	IT	SE
Riya Gala	IT	SE
Poorva Sawant	IT	FE
Krishnakant Singh	IT	FE
Yashraj Sangle	EXTC	SE
Aayush Bhagat	CE	TE



Rachit Mody	CE	TE
Chaitanya Raut	CE	FE
Kirtan Chitalia	AIML	FE
Sagar Harsora	IT	SE
Dhruv karia	IT	TE
Dharmil vadhar	IT	SE

Roushan Jha	IT	SE
Vansh mehta	IT	SE
Janhavi	IT	SE
Rahil	IT	SE
Manan Desai	IT	SE
Taksh shah	IT	SE
Shantanu Sakpal	CSE DS	TE
Tia Shah	IT	FE
Sahil Shah	AI & DS	TE
Naman Rathod	AI & DS	SE
Aryan Hule	IT	SE
Shanay Jain	ICB	SE
Harsh Samant	AI & DS	TE
Isha Patel	IT	SE



Ram Sapra	CE	SE
Abhinav Nair	IT	SE
Prisha Desai	IT	SE
Soham Lotlikar	EXTC	SE
Jay Mistry	CE	TE
Manasvi Deshmukh	ICB	TE
Aatmaj Rakshe	CE	FE
Aditya Dharawat	AIML	FE
Soham Pawar	IT	SE
Vaishnavi naik	IT	TE
Dikshant	IT	SE
Rudra Desai	IT	SE
Anish shetty	IT	SE
Harshil	IT	SE
Dhruv	IT	SE
Himanshu Main	IT	SE

Alan George
Chairperson, DJS CodeStars

Dr. Aruna Gawde
Head Of Department, AIML

Dr. Vinaya Sawant
Head Of Department, IT



Event 03: Session by Dhvani Thakkar

Date of the Event: 17th March, 2024

Mode: Online (DJS CodeStars official discord server)

Time: 02.00 p.m. – 04.00 p.m.

Permitted participants/attendees: First and Second year students

Description of the Event:

In our ongoing efforts to equip our students with the knowledge and tools necessary for success in the tech industry, we had the pleasure of hosting Dhvani Thakkar, a 2024 STEP Intern at Google. Dhvani conducted an invaluable session for our first and second-year students, shedding light on the often intimidating process of securing internships at prestigious tech companies like Google. Her journey from a motivated student to a Google intern was both inspiring and educational, as she meticulously detailed her preparation strategies and emphasized the importance of a structured approach and consistent effort. The session demystified the process of getting into top tech firms, breaking it down into manageable steps that our students could follow. Dhvani shared tips on resume building, effective use of online coding platforms, and provided insights into the interview process at Google, offering a comprehensive guide to aspiring tech professionals.

A significant portion of the session was dedicated to resume building, where Dhvani provided tips on how to effectively highlight relevant skills and experiences. She stressed the importance of tailoring resumes to specific job roles and including measurable achievements to stand out to recruiters. Another key focus was the effective use of online coding platforms, with Dhvani sharing her experiences and highlighting which ones were most beneficial for different stages of preparation. She encouraged students to regularly practice coding problems, participate in coding contests, and utilize the extensive resources available online to hone their skills. Dhvani's insights into the interview process at Google were particularly valuable, as she provided a detailed overview of what to expect, from initial screenings to technical interviews and beyond. Her tips on approaching coding challenges, clear communication, and demonstrating problem-solving skills during interviews were greatly appreciated by the attendees.

The feedback from attendees was overwhelmingly positive. Students found the session to be highly motivational and appreciated the practical advice that Dhvani provided. Many felt more confident

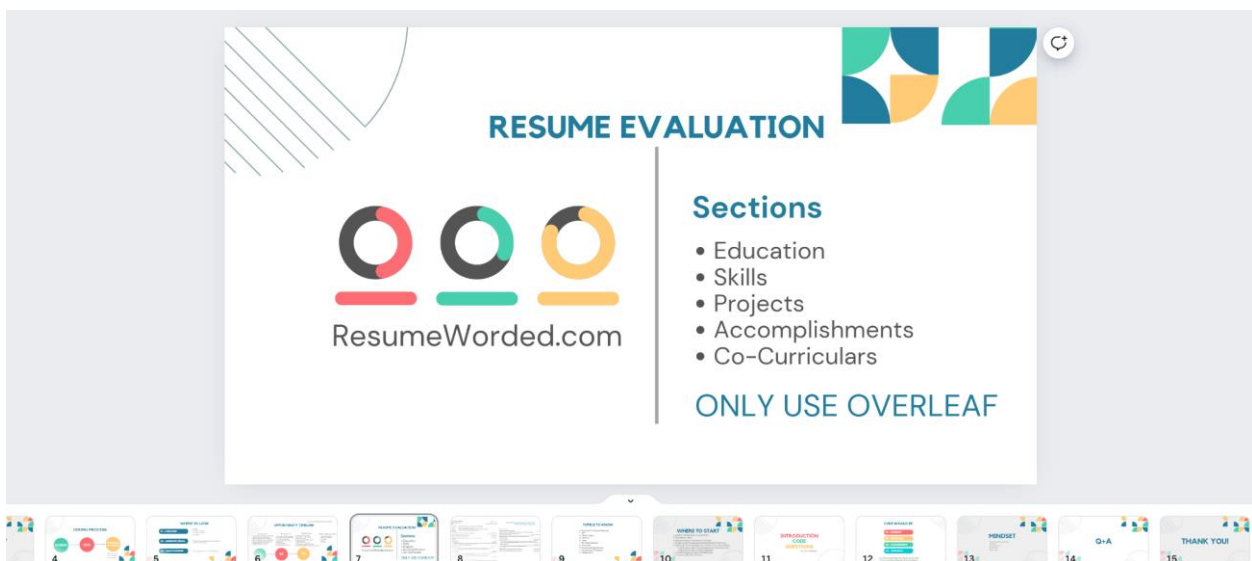


and informed about the steps they need to take to pursue internships at top tech firms. The session not only provided a roadmap for success but also ignited a renewed sense of determination among our students. Dhvani's willingness to share her experiences and knowledge exemplifies the collaborative spirit we strive to foster within our community. Her session has undoubtedly had a lasting impact on our students, equipping them with the insights and inspiration needed to navigate their career paths. As we continue to support our students in their academic and professional journeys, sessions like these play a crucial role in bridging the gap between education and industry. We are immensely grateful to Dhvani Thakkar for her contribution and look forward to hosting more such enlightening sessions in the future.

Photographs:



Dhvani Thakkar's seminar presentation for students aspiring to excel in the tech industry



Dhvani Thakkar emphasizing the importance of a well-c



rafted resume during her insightful session

Dhvani stressing the importance of competitive programming as a key component of tech career preparation

Program Outcomes mapped (Please tick mapped POs)

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
✓	✓			✓				✓	✓		✓

Program Specific Outcomes mapped (Please tick the mapped PSOs):

PSO1	PSO2	PSO3	PSO4
✓	✓		✓

Alan George
 Chairperson, DJS
 CodeStars

Dr. Aruna Gawde
 Head Of Department,
 AIML

Dr. Vinaya Sawant
 Head Of Department,
 IT



Event 04: FE Contest

Date of the event: 25th February 2024

Mode: Online

Permitted Participants: FE students from all Branches.

Event Type: Online Contest on Hackerrank

Time: 3:00 pm to 5:00 pm

Participants: Total of 26 students participated.

Description:

DJS Codestars organized a contest exclusively for FEs. The contest aimed at shortlisting and identifying the talented individuals for advanced lectures in Competitive Programming. Participants engaged in a series of challenging tasks that tested their knowledge and creativity in programming. Successful candidates were further invited to enhance their abilities through sessions delivered by the seniors to kickstart their CP Journey.

Conclusion:

The event received an overwhelming response from First Year students across all branches. It was a successful initiative to promote competitive coding within the college. It inspired many first year students to start Competitive Programming and get better at it.



Photographs:

Leaderboard

Filter by

Rank	User	Score	Time	Country
1	adithgshetty0306	70.00	4:26:29	
1	tarancodes	70.00	4:27:32	
1	sachhidanandama1	70.00	4:31:52	
1	harshrajvjain10	70.00	4:42:47	
1	Batmann_dev	70.00	4:58:08	
1	vishveshshri1	70.00	5:54:29	
1	scholiboi	70.00	6:14:18	
1	virammehta48	70.00	10:31:35	
9	pratikjlande	60.00	4:29:31	
10	sarthakdg03	50.00	2:32:26	

Leaderboard after the contest

Program Outcomes mapped (Please tick mapped POs)

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
✓	✓							✓	✓	✓	

Program Specific Outcomes mapped (Please tick the mapped PSOs):

PSO1	PSO2	PSO3	PSO4
✓	✓		✓

Alan George
 Chairperson, DJS CodeStars

Dr. Aruna Gawde
 Head Of Department, AIML

Dr. Vinaya Sawant
 Head Of Department, IT

Participants List:



Name	Department	Year
Adith Shetty	IT	FE
Harsh Jain	IT	FE
Pratik J Lande	IT	FE
Taran Singh	IT	FE
Ashimt Kinariwala	CSE	FE
Krishnakant Singh	AI & DS	FE
Sarthak Gund	IT	FE
Vivesh Shrikant	CSE	FE
Devansh Shah	CSE	FE
Aagam Shah	CSE DS	FE
Dhruv Gandhi	CSE DS	FE
Sachhidananda Mahapatro	IT	FE
Mustansir Hariyanawala	IT	FE
Dhruv Gandhi	ICB	FE
Khushi Parekh	IT	FE
Devansh Raulo	IT	FE
Jeet Darji	AIML	FE
Amey Sawant	CSE	FE

Alan George
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Dr. Aruna Gawde
Head Of Department, AIML

Dr. Vinaya Sawant
Head Of Department, IT



Event 05: Code UnCode

Date of the Event: 14th April , 2024

Mode: Hybrid (Online Eliminators, Offline Regionals and Finals)

Time: 09.00 a.m. – 06.00 p.m.

Permitted participants/attendees: Undergraduate students from all over the country.

Participants: 1500 initially, 90 shortlisted

Description:

DJS CodeStars, in collaboration with KJSCE CodeCell and CSI - SPIT, orchestrated an innovative competitive programming contest called "Code UnCode." This event was designed to challenge and inspire coding enthusiasts, following the prestigious International Collegiate Programming Contest (ICPC) format. The organizers structured the competition into three distinct rounds: Prelims, Regionals, and Finals, each progressively more demanding than the last.

The initial two rounds, Prelims and Regionals, were conducted online, allowing participants from various locations to showcase their programming skills from the comfort of their own environments. These virtual rounds served as rigorous qualifying stages, testing contestants' ability to solve complex algorithmic problems under time constraints. The online format ensured a wide reach and accessibility, attracting a diverse pool of talented programmers from different institutions.

The culmination of "Code UnCode" took place at Dwarkadas J. Sanghvi College of Engineering (DJSCE), where the Finals were held in an offline setting. This face-to-face finale brought together the top-performing teams from the previous rounds, creating an atmosphere of intense competition and camaraderie. The offline format allowed participants to experience the pressure and excitement of solving challenging problems in real-time, surrounded by their peers and under the watchful eyes of judges and spectators. This event not only provided a platform for budding programmers to demonstrate their skills but also fostered networking opportunities and promoted the spirit of healthy competition in the field of computer science.

Event Timeline:



➤ **Day 1: 7th April 2024**

- 08:05 PM: Online prelims round started
- 10:05 PM: Prelims round ended
- Post Contest Discussion: Conducted online on Discord

➤ **Day 2: 10th April 2024**

- 03:15 PM: Eliminators round on HackerRank started
- 05:30 PM: Coding round ended
- 06:00 PM: Post Contest Discussion in the seminar hall

➤ **Day 3: 14th April 2024**

- 10:00 AM: Final round began
- 12:30 PM: Final round ended
- 01:00 PM: Post Contest Discussion and Prize Distribution in the seminar hall

Outcomes:

➤ **Winners:**

- **First Place:** Aditya Busa (@theobito2034)
- **Second Place:** Suraj Iyer (@surajiyer26)
- **Third Place:** Paras Churi (@paraschuri2005)

Conclusion:

The event was a tremendous success with active participation and enthusiasm from students. The dedication and hard work of the DJS CodeStars members, faculty, and participants made this event a milestone in the college's competitive coding journey.



Photographs:



Participants in the final coding round on Day 3



Respected Principal Dr. Hari Vasudevan addressing the crowd during the prize distribution ceremony



The Winner of CodeUncode being presented with the prize



The top 10 participants with the Core committee of DJS Codestars and KJSCE CodeCel



Program Outcomes mapped (Please tick mapped POs)

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
✓	✓							✓	✓	✓	

Program Specific Outcomes mapped (Please tick the mapped PSOs):

PSO1	PSO2	PSO3	PSO4
✓	✓		✓

Alan George
Chairperson, DJS CodeStars

Dr. Aruna Gawde
Head Of Department, AIML

Dr. Vinaya Sawant
Head Of Department, IT



Participants:

Candidate's Name	Year Of Study	Candidate's Organisation	Specialization
Pranshu Gupta	Fourth Year	BMS College of Engineering (BMSCE), Bangalore	Electronics and Communication
Adarsh Jha	Fifth Year	Pro. Ram Meghe College of Engineering and Technology Amaravati	Information Technology
Priyank Naik	Third Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Information Technology
sourav singh Adhikari	Third Year	Graphic Era Hill University (GEHU), Bhimtal	Computer Science
Yogit Malethia	Third Year	Chandigarh University (CU), Ajitgarh, Punjab	Computer Science
Siddhesh kirdat	Fourth Year	Sardar Patel Institute of Technology (SPIT), Mumbai	Computer Science
Dishie Vinchi	Fourth Year	Veermata Jijabai Technological Institute (VJTI), Mumbai	Computer Science
Dhruv Chauhan	Fourth Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Computer Science
Nimit Saxena	Third Year	National Institute of Technology (NIT), Raipur	Computer Science



Luv Patel	Fourth Year	Jaypee University of Engineering and Technology, Guna	Computer Science
VISHAL MISHRA	Third Year	Delhi Technological University (DTU), New Delhi	Information Technology
Samuvin Jenish	Third Year	Kalaignar Karunanidhi Institute of Technology (KKIT), Coimbatore	Computer Science
hridhik bhai	Third Year	Delhi Technological University (DTU), New Delhi	Computer Science
Aakash Mokani	Third Year	Sardar Patel Institute of Technology (SPIT), Mumbai	Computer Science
Nayan Agarwalla	Fourth Year	BMS College of Engineering (BMSCE), Bangalore	Electronics and Communication
Vinod Kumar Kesavan	Fifth Year	Vignan's Institute of Information Technology (VIIT), Duvvada, Visakhapatnam	Computer Science
Jeet Darji	Second Year	SVKM D.J.Sanghvi College of Engineering	Data Science
Arun Nithyaanandam	Third Year	SASTRA Deemed to be University	Computer Science
Gaurav Tomar	Fourth Year	Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat	Electrical
Shreyansh Gupta	Third Year	Ajay Kumar Garg Engineering College (AKGEC), Ghaziabad	Computer Science



Madhusudan Rathi	Fourth Year	National Institute of Technology (NIT), Warangal	
AMIT SHARMA	6	NurtureLabs	Computer Science
Sachin	Fourth Year	M.B.M. Engineering College (MBM), Jodhpur, Rajasthan	Computer Science
Mahesh Patil	Third Year	JSPM's Rajarshi Shahu College of Engineering (JSPMRSCOE), Pune	Computer Science
Sargam Nagar	Second Year	DJ sanghavi	Computer Science
Manan Patel	First Year	Indian Institute of Technology (IIT), Kanpur	Maths
Raj Shah	Fourth Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Computer Science
PULI UDAY KIRAN	Fourth Year	Chaitanya Bharathi Institute of Technology (CBIT), Hyderabad	Computer Science
Kritansh Tank	Third Year	Bharati Vidyapeeth Deemed University Department of Engineering and Technology	Computer Science
Najaf Shaikh	Fourth Year	Rizvi College Of Engineering (RCOE), Mumbai	Computer Science



Divya M	Fourth Year	Dr.SNS Rajalakshmi College Of Arts and Science, Coimbatore	General
Millind Agrawal	Fifth Year	National Institute of Technology (NIT), Raipur	Computer Science
Vivek Mishra	Fourth Year	International Institute of Information Technology (IIIT), Bhubaneswar	Computer Science
Pranjal Rathi	Third Year	Veermata Jijabai Technological Institute (VJTI), Mumbai	Information Technology
Aayush Patel	Third Year	Indian Institute of Technology (IIT), Madras	Electrical
Rajas Baadkar	Fourth Year	Sardar Patel Institute of Technology (SPIT), Mumbai	Computer Science
Hiren Waghela	First Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Information Technology
VIRAJ VORA	First Year	Veermata Jijabai Technological Institute (VJTI), Mumbai	Computer Science
Janhvi Singh	Fourth Year	Pranveer Singh Institute of Technology (PSIT), Kanpur	Computer Science
Pratham Shah	Second Year	Veermata Jijabai Technological Institute (VJTI), Mumbai	Computer Science



Parjanya Rajput	Third Year	Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), Gandhinagar	Computer Science
Tushar Chauhan	Fourth Year	Ajay Kumar Garg Engineering College (AKGEC), Ghaziabad	Computer Science
Sahil Sharma	Third Year	Dwarkadase Jivanlal Sanghvi College	Artificial intelligence and machine learning
Ridhi Agrawal	Second Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Information Technology
Swasti Srivastava	Third Year	International Institute of Information Technology (IIIT), Naya Raipur	Data Science and Artificial Intelligence
Shreyansh	6	Other organization not listed here	
Pranav Sonmale	First Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Information Technology
Ashish Kumar	Fourth Year	Indian Institute of Information Technology (IIIT), Nagpur	Computer Science
Vishal Jindal	Fourth Year	Graphic Era Hill University (GEHU), Bhimtal	Computer Science
Sarthak Mathur	Fourth Year	LNMIIT, Jaipur	Computer Science



Prajwal N	Second Year	SNS College of Engineering (SNSCE), Coimbatore	Data Science
Shamirul Huda	Second Year	SRM Institute of Science and Technology (SRMIST), Ramapuram Campus	Computer Science
Prikshit Sharma	Fourth Year	Army Institute of Technology (AIT), Pune	Computer Science
Yash Pradhan	Second Year	SVKM D.J.Sanghvi College of Engineering	Artificial intelligence and data science
Hardik Balwani	Third Year	Veermata Jijabai Technological Institute (VJTI), Mumbai	Electrical
Shreyansh Mittal	Fourth Year	Ajay Kumar Garg Engineering College (AKGEC), Ghaziabad	Information Technology
Aditya Deo	Fourth Year	Birla Institute of Technology (BIT), Mesra, Ranchi	Information Technology
Vidhyadhar Vatte	Fourth Year	Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering & Technology, Telangana	Computer Science
Ishant Vora	First Year	Sardar Patel Institute of Technology (SPIT), Mumbai	Computer Science
Anubhav Gupta	Fourth Year	Indian Institute of Information Technology (IIIT), Ranchi	Computer Science



Ashish Gupta	Fifth Year	J.C. Bose University of Science and Technology, YMCA, Faridabad	Computer Science
Hetanshi Shah	Third Year	Institute of Technology, Nirma University (ITNU), Ahmedabad	Computer Science
Sarthak Bhan	Fifth Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Computer Science
Mahesh Thakare	Fourth Year	Veermata Jijabai Technological Institute (VJTI), Mumbai	Computer Science
Shiva !!!	Third Year	PSG Institute of Technology and Applied Research (PSG ITAR), Coimbatore	Computer Science
Jay Vadaliya	Fourth Year	Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat	Computer Science
Vinayak Asati	Fifth Year	Madhav Institute of Technology and Science (MITS), Gwalior	Information Technology
aom wankhede	Fourth Year	Veermata Jijabai Technological Institute (VJTI), Mumbai	Computer Science
Om Gupta	Fourth Year	LNM Institute of Information Technology (LNMIIT), Jaipur	Computer Science
Akash Singh	Fourth Year	Vidyalankar Institute of Technology (VIT), Mumbai	Computer Science
jayant dubey	Third Year	Medicaps University	Information Technology



Abhinav Kumar	Fourth Year	BMS College of Engineering (BMSCE), Bangalore	Computer Science
Sampurnan Udeshi	Second Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Computer Science
Amaan Lakdawala	Second Year	DJ sanghavi	Information Technology
Vivaan Lakhani	Third Year	K.J. Somaiya College of Engineering, Vidyavihar, Mumbai	Computer Science
Sarid Qureshi	Second Year	Veermata Jijabai Technological Institute (VJTI), Mumbai	Computer Science
Amod Joshi	Third Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Computer Science
Sneha Menat	Second Year	Veermata Jijabai Technological Institute (VJTI), Mumbai	Computer Science
Viral Thakkar	Third Year	K. J. Somaiya College of Engineering (KJSCE), Mumbai	Computer Science
Harsh Nagrani	Third Year	K. J. Somaiya College of Engineering (KJSCE), Mumbai	Computer Science
Kreena Shah	Fourth Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Computer Science



Rushikesh Gadewar	Third Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Information Technology
Karan Gulve	Third Year	BRACT's Vishwakarma Institute of Information Technology (VIIT), Pune	Computer Science
Deep Doshi	Third Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Computer Science
Varun Kansal	Fifth Year	Chitkara University (CU), Rajpura, Punjab	Computer Science
Sarthak Gund	First Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Information Technology
Kaushal Vala	Third Year	Institute of Technology, Nirma University (ITNU), Ahmedabad	Computer Science
Trush Chauhan	Fourth Year	Government Engineering College (GEC), Gandhinagar	Computer Science
Deep Pandharkar	Third Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Computer Science



Finalists:

Rahil Kothari	Second Year	K.J. Somaiya College of Engineering, Vidyavihar, Mumbai	Computer Science
ABHISHEK YADAV	Fourth Year	Indian Institute of Information Technology (IIIT), Allahabad	Electronics and Communication
Keyur Vaitha	Third Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Data Science
Jenil Shah	Second Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Data Science
Nikhil Harisinghani	Fourth Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Data Science
Paras Churi	Second Year	Veermata Jijabai Technological Institute (VJTI), Mumbai	Computer Science
Rishi Kumar Singh	Third Year	Army Institute of Technology (AIT), Pune	Information Technology
Mihir Pandit	Second Year	Veermata Jijabai Technological Institute (VJTI), Mumbai	Computer Science
Mohd Adnan Khan	Fourth Year	Rizvi College Of Engineering (RCOE), Mumbai	Computer Science
Harsh Goyal	Second Year	KLE Technological University (KLE Tech), Hubli	Computer Science
Raj Agrawal	Fourth Year	K.J. Somaiya College of Engineering, Vidyavihar, Mumbai	Computer Science
Nikhil Basutkar	Second Year	KLE Technological University (KLE Tech), Hubli	Electronics and Communication
Amoghmanora njith Navade	Third Year	KLE Technological University (KLE Tech), Hubli	Computer Science
Dnyanesh Sawant	Second Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Computer Science



Aryan Kanyawar	Third Year	Sardar Patel Institute of Technology (SPIT), Mumbai	Computer Science
Ayush Bodade	Third Year	Sardar Patel Institute of Technology (SPIT), Mumbai	Computer Science
Satyam Pal	Fourth Year	Thadomal Shahani Engineering College (TSEC), Mumbai	Data Science
Arnav Phad	Second Year	Veermata Jijabai Technological Institute (VJTI), Mumbai	Computer Science
Veer Chheda	Third Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Computer Science
Prajeet Singh	Fifth Year	Madhav Institute of Technology and Science (MITS), Gwalior	Information Technology
Suraj Prajapati	Fourth Year	Thadomal Shahani Engineering College (TSEC), Mumbai	Computer Science
Pritesh Rajpurohit	Fifth Year	Madhav Institute of Technology and Science (MITS), Gwalior	Information Technology
karan shah	Fifth Year	Other College not listed here	Computer Science
Siddhant Uniyal	Second Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Computer Science
Shubham Jaiswar	Second Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Computer Science
Shlok Prajapati	Fourth Year	Thakur College of Engineering and Technology (TCET)	Computer Science
Tanay Gada	Second Year	Veermata Jijabai Technological Institute (VJTI), Mumbai	Computer Science
Pradyum Mistry	First Year	K. J. Somaiya College of Engineering (KJSCE), Mumbai	Computer Science
Dharmil Shah	Third Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Data Science
Yash Kothari	Second Year	SVKM's Dwarkadas J. Sanghvi College of Engineering College in Mumbai,	Information Technology



		Maharashtra	
Mithilesh Singh	Second Year	Veermata Jijabai Technological Institute (VJTI), Mumbai	Computer Science
Gargeya Parab	Second Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Electronics and Communication
Sameer Sangam	Third Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Data Science
Aaditya Ghaisas	Second Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Computer Science
Manav Shah	Second Year	Veermata Jijabai Technological Institute (VJTI), Mumbai	Computer Science
Taitil Chheda	First Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Artificial Intelligence and Machine Learning
Bhavesh Lalwani	Second Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Information Technology
Manav Shah	Second Year	Veermata Jijabai Technological Institute (VJTI), Mumbai	Computer Science
Taitil Chheda	First Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Artificial Intelligence and Machine Learning
Aditya Belgaonkar	First Year	K.J. Somaiya College of Engineering, Vidyavihar, Mumbai	Computer Science
Darshan Mahankar	Fourth Year	Vidyalankar Institute of Technology (VIT), Mumbai	Information Technology
Munavath Naveen	Fourth Year	Rajiv Gandhi University of Knowledge Technologies (RGUKT), Basar, Nirmal, Telangana.	Computer Science
Ubaid Mukadam	Third Year	SVKM's Dwarkadas J. Sanghvi College of Engineering College in Mumbai, Maharashtra	Computer Science
Ansh Ritesh Savadatti	Third Year	KLE Technological University (KLE Tech), Hubli	Computer Science
Jagjeet singh	Third Year	Thadomal Shahani Engineering College	Computer Science



Sappal		(TSEC), Mumbai	
Diya P	Third Year	K. J. Somaiya College of Engineering (KJSCE), Mumbai	Information Technology
Margi Yadav	Fourth Year	Pandit Deendayal Energy University, Gandhinagar	Information Technology
Deep Kasodariya	Second Year	Veer mata Jijabai Technological Institute (VJTI), Mumbai	Information Technology
Amey Rane	Fourth Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Information Technology
Vaibhav Walujkar	Second Year	Veer mata Jijabai Technological Institute (VJTI), Mumbai	Computer Science
Pratik Lande	First Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Information Technology
Anurag Mishra	Fifth Year	Oriental Institute of Science and Technology (OIST), Bhopal	Computer Science
Adit Kanaji	Fourth Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Information Technology
Omkar Anabathula	Fifth Year	Fr. Conceicao Rodrigues College of Engineering (FRCRCE), Mumbai	Computer Science
Hardik Rana	Second Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Information Technology
Taran Singh Gadh	First Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Information Technology
Krishna Shah	Third Year	Dwarkadase Jivanlal Sanghvi College	Data Science
Dhruv Uberoi	Third Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Computer Science
Vaibhav Gawad	Fourth Year	Thadomal Shahani Engineering College (TSEC), Mumbai	Information Technology
Dhruv Singh	Third Year	Thadomal Shahani Engineering College (TSEC), Mumbai	Computer Science
Darshil Joshi	Fourth Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of	Data Science



		Engineering (DJSCE), Mumbai	
Darshan Purohit	First Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Information Technology
Kapil Kashyap	Fourth Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Computer Science
Yash Asgaonkar	Third Year	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai	Information Technology

Alan George
Chairperson, DJS CodeStars

Dr. Aruna Gawde
Head Of Department, AIML

Dr. Vinaya Sawant
Head Of Department, IT



Event 06: Session by Gaurish Baliga

Date of the Event: 4th July, 2024

Mode: Online (Google Meet)

Time: 08.00 p.m. – 09.00 p.m.

Permitted participants/attendees: Second year students

D.J. Sanghvi experienced a pivotal moment this year as Google opened its doors to on-campus Software Engineering (SWE) internships for the first time. With the highly competitive Google Online Challenge (GOC) serving as the initial screening process, DJS CodeStars recognized the need to equip students with the requisite skills and strategies to excel in such a challenging environment and to guide them in learning and preparing efficiently and effectively in very little time. To this end, the committee spearheaded an informative session designed to empower students with the knowledge and confidence necessary to perform better in online assessments.

Gaurish Baliga, a Google SWE Intern for 2024, led the session, sharing invaluable insights with the second-year students. Drawing upon his firsthand experiences, Gaurish emphasized the critical importance of consistent and dedicated practice in competitive programming as a cornerstone for success. He elucidated the concept of progressive difficulty, advising students to incrementally tackle problems that stretch their abilities, thereby fostering accelerated learning and growth. To provide tangible guidance, Gaurish offered a granular breakdown of problem-solving levels, enabling students to tailor their practice regimens accordingly. He shared many relevant online resources appropriate to these different skill levels, specifically those that helped him achieve this milestone.

Beyond technical proficiency, Gaurish underscored the significance of cultivating a robust mindset during a coding contest. He stressed the importance of maintaining composure, viewing challenges as opportunities for growth, and thinking up different approaches for a problem before investing a lot of energy in one.

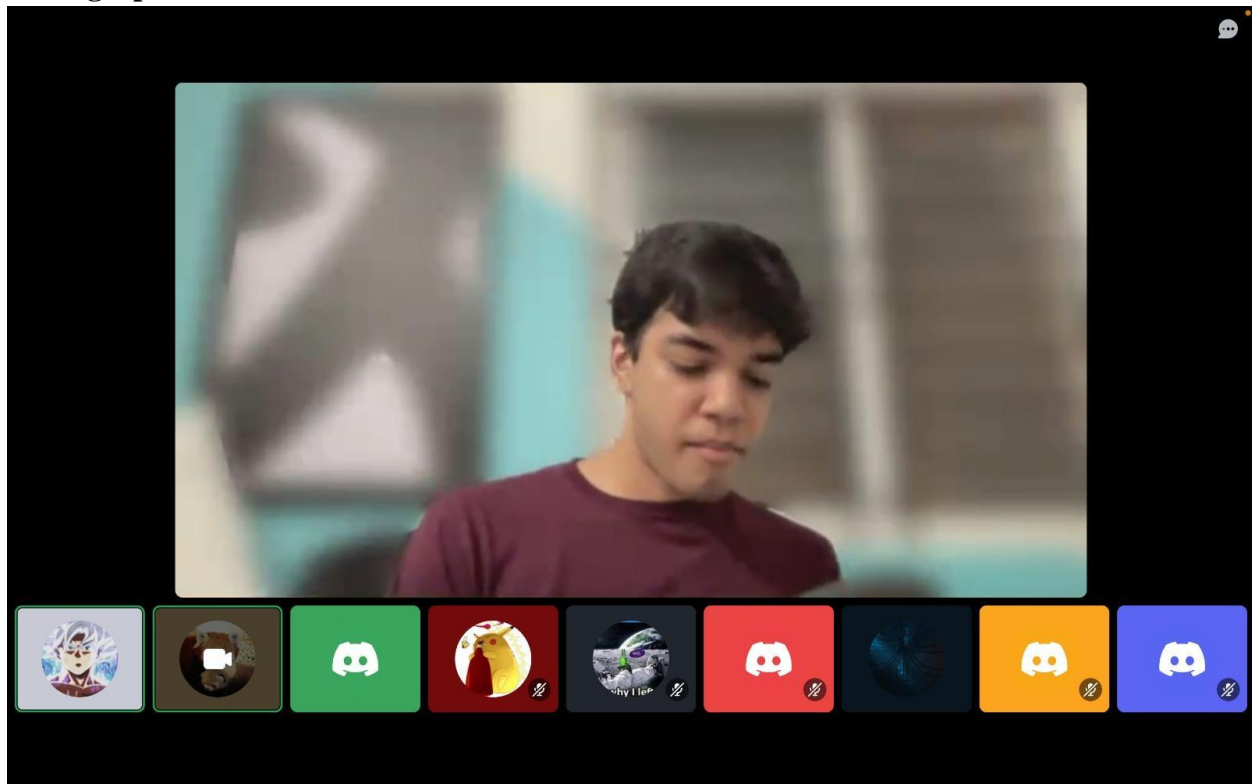
Time management emerged as a key factor of success, with Gaurish advising students to prioritize attempting all problems rather than fixating on a single problem, given the format of the challenge. Partially completing test cases is seen as a positive, so it was advised to write logically correct code after which they must attempt to cover all the test cases that come to mind in the last leg of the allotted time.



Extending his expertise to the interview landscape, Gaurish delved into the nuances of crafting good code, emphasizing the significance of clean, readable, and tested code structures. He further highlighted the pivotal role of descriptive variable naming in enhancing code clarity and comprehensibility. To round out his comprehensive guidance, Gaurish imparted invaluable interview techniques, equipping students with the tools necessary to articulate their thought processes, showcase their problem-solving abilities, and leave a lasting positive impression on interviewers.

The event was met with overwhelming enthusiasm, inspiring students to embark on a journey of continuous learning and skill development. Armed with these insights and strategies, the students were much better equipped to tackle the challenges of competitive coding and elevate their prospects of securing coveted SWE internships at Google and beyond. Most participants discussed their solutions in the community after the contest to learn all the different ways others approached these problems. This collaborative environment, coupled with the committee's supportive culture, encouraged many to express interest in future involvement. With 40 candidates shortlisted, the event proved to be a resounding success in highlighting the many benefits of competitive programming to a newer audience.

Photographs:





Program Outcomes mapped (Please tick mapped POs)

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
✓	✓			✓				✓	✓		✓

Program Specific Outcomes mapped (Please tick the mapped PSOs):

PSO1	PSO2	PSO3	PSO4
✓	✓		✓

Alan George
 Chairperson, DJS CodeStars

Dr. Aruna Gawde
 Head Of Department, AIML

Dr. Vinaya Sawant
 Head Of Department, IT



Event 07: Post Contest Discussion

Date of the Event: After Every Codechef/Codeforces Contest

Mode: Online (DJS CodeStars official discord server)

Time: 10.00 p.m. – 11.00 p.m.

Permitted participants/attendees: Anyone

Description of the Event:

DJS CodeStars is dedicated to nurturing a culture of excellence in competitive programming. Our post-contest discussion sessions are a cornerstone of this commitment, bringing together senior and junior members to collectively dissect and analyze recent Codeforces and CodeChef contests. With over 200 contests discussed, these sessions are a testament to our consistent efforts in fostering a deep understanding of algorithmic challenges and coding techniques. The collaborative environment encourages participants to share their diverse approaches and learn from each other's experiences, creating a rich tapestry of knowledge and expertise.

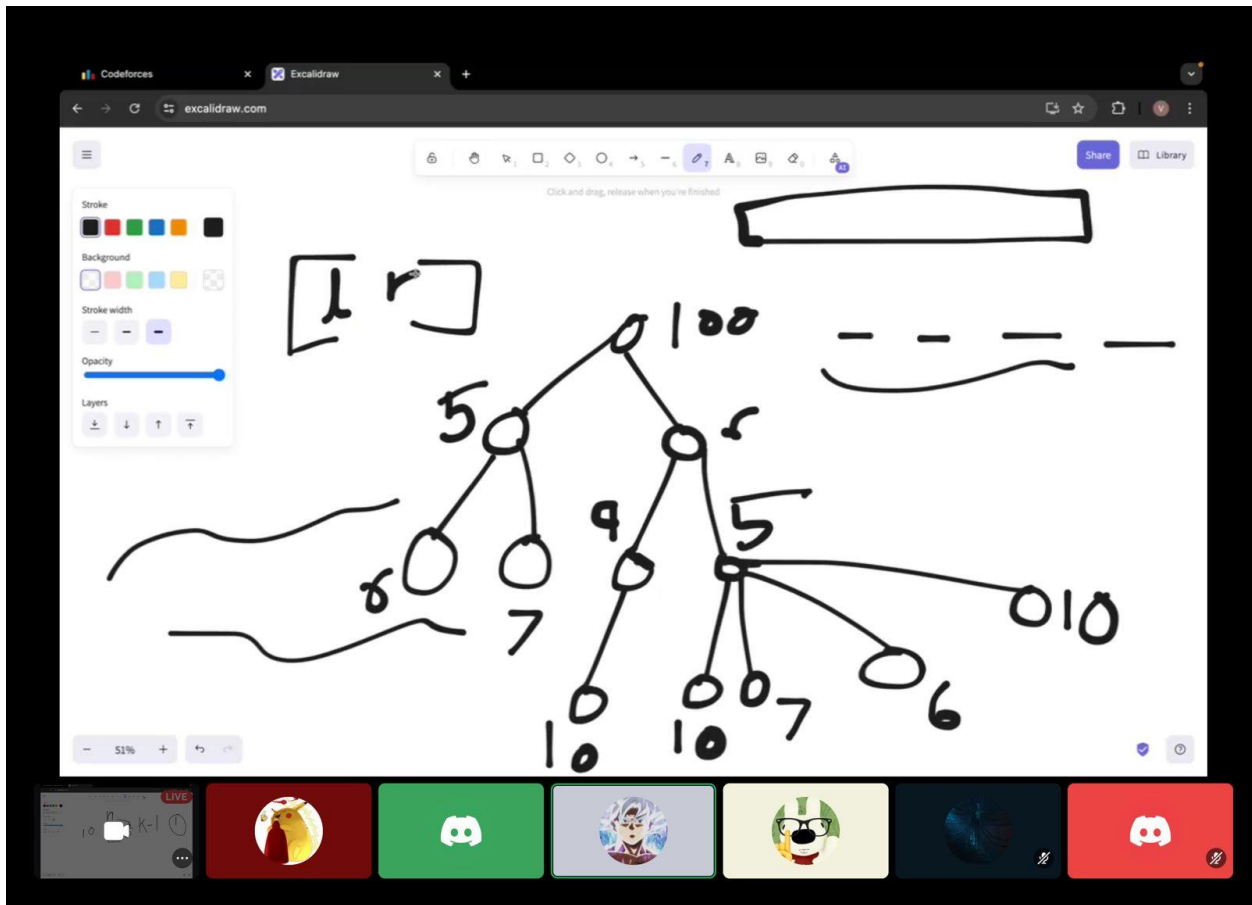
Each session is meticulously organized, beginning with an overview of the contest and the problems tackled. Senior members take the lead, presenting their solutions and thought processes, while also highlighting common pitfalls and alternative strategies. Juniors are encouraged to voice their approaches and ask questions, fostering an interactive dialogue that benefits all participants. This exchange not only enhances problem-solving skills but also builds confidence and camaraderie among members. By breaking down complex problems into manageable parts, we ensure that everyone, regardless of their skill level, can grasp and apply the concepts discussed.

These discussions have borne remarkable fruit, with DJS CodeStars producing 6 experts on Codeforces and 6 3-star coders on CodeChef from DJ Sanghvi College of Engineering. This success is a direct result of our commitment to continuous learning and mutual support. Moreover, these discussions extend beyond mere problem-solving. They encompass broader topics such as time management during contests, debugging techniques, and best practices for writing efficient and readable code. By continuously engaging in these sessions, DJS CodeStars members are well-prepared to tackle future contests with improved strategy and resilience. Ultimately, our post-



contest discussions are more than just educational; they are a celebration of collective learning and a shared passion for coding that binds our community together.

Photographs:



Viram Mehta's Post Contest Discussion for guidance of students



Program Outcomes mapped (Please tick mapped POs)

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
✓	✓			✓				✓	✓		✓

Program Specific Outcomes mapped (Please tick the mapped PSOs):

PSO1	PSO2	PSO3	PSO4
✓	✓		✓

Alan George
Chairperson, DJS CodeStars

Dr. Aruna Gawde
Head Of Department, AIML

Dr. Vinaya Sawant
Head Of Department, IT



Conclusion:

The year 2023-2024 has been a successful and eventful year for DJS CodeStars. The committee's efforts in organizing events and providing continuous support through discussions after every CodeChef and Codeforces contest have significantly contributed to the competitive coding culture at our college. The additional sessions conducted by Gaurish Baliga and Dhvani Thakkar, along with various other support sessions, have provided invaluable guidance and inspiration to our students, helping them aim for internships at top tech companies like Google. The remarkable participation in our major events, "Code UnCode" and "Code Bounty," highlights the enthusiasm and commitment of our members towards honing their competitive programming skills. As we reflect on our achievements, we are proud of the strides we have made in fostering a vibrant competitive programming community. With an increasing number of students regularly participating in contests and benefiting from our sessions with top competitive programmers, CodeStars is well on its way to accomplishing its mission. We look forward to another year of growth, learning, and coding excellence, driven by the dedication and passion of our committee and members. The future holds immense potential for DJS CodeStars, and we are excited to continue our journey towards making our club an even more prominent force in the competitive programming landscape.

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