

SARVAJANIK EDUCATION SOCIETY
SARVAJANIK COLLEGE OF ENGINEERING & TECHNOLOGY
CIVIL ENGINEERING DEPARTMENT

A
Report
on
‘NIRMAAN 2k22’

(Under the banner of Kshitij 2022)

Date of event: 30th September and 1st October. 2022

Faculty Coordinator: Dr. Kamlesh Dalal and Dr. Manisha Vashi

Student Technical Heads: Aniket Patel, Nisarg Acharya and Avinash Pandya

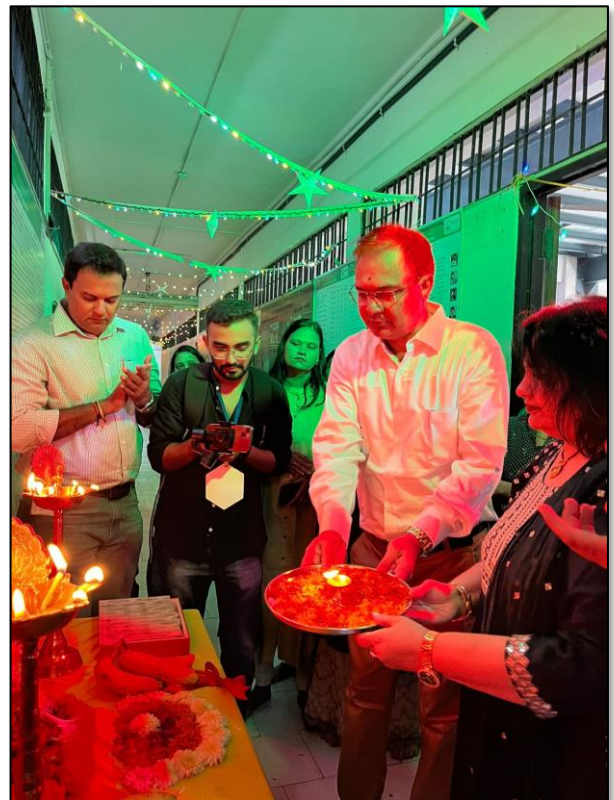


ABOUT NIRMAAN 2k22

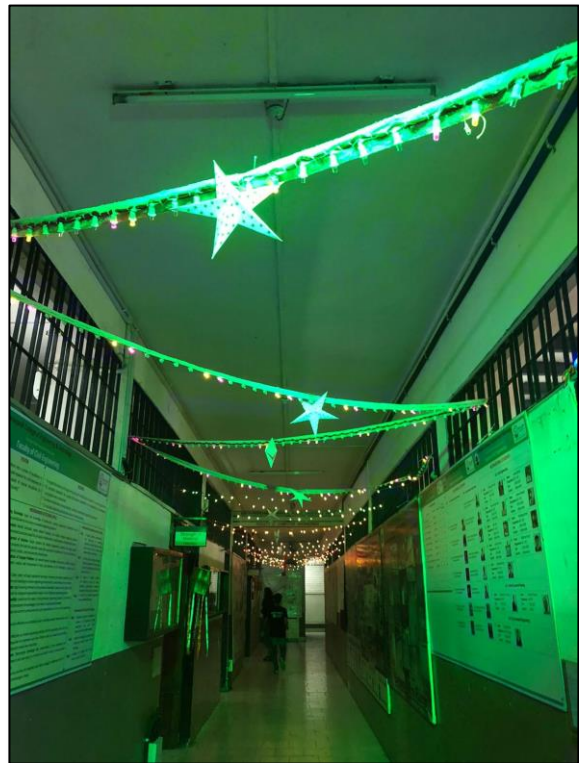
‘Nirmaan 2k22’ organized by the **Civil Engineering Department** of Sarvajanik College of Engineering and Technology under the banner of Kshitij Techfest 2022 was conducted on **30th September and 1st October, 2022**. The Tech fest consisted of **03** technical events, **03** non-technical events developing various skills of numerous students by pushing them to their limits mentally as well as physically. It also included **04** one-minute games for people to relax and enjoy with their time with their friends as a team.

INAUGURATION FUNCTION

The inauguration function commenced at 9:00 AM on 30th September. All the faculty heads, student event heads and student coordinators were gathered at the entrance of civil department. The function began with a ribbon cutting ceremony followed by aarti and prayers sung by all. Thereafter all the participants were welcomed by the Nirmaan team and the events commenced thereafter.



NIRMAAN'22



NIRMAAN'22

SCHEDULE OF NIRMAAN 2K22

Date	Event Names	9:00 - 9:30	9:30 - 10:00	10:00 - 10:30	10:30 - 11:00	11:00 - 11:30	11:30 - 12:00	12:00 - 12:30	12:30 - 1:00	1:00 - 1:30	1:30 - 2:00	2:00 - 2:30	2:30 - 3:00	3:00 - 3:30	3:30 - 4:00	4:00 - 4:30	4:30 - 5:00
30 th September	Inaugural Function																
	Friction War																
	Tremble Pave																
	Clue Minati																
	1 Minute Games																
End of Day 1																	
1 st October	Brush Up																
	Sahadev The Quiz																
	Tu Tu Mein Mein																
	1 Minute Games																
	Valedictory function																
End of Day 2																	

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EVENTS OF NIRMAAN 2k22

1. FRICTION WAR

Date: 30th September, 2022

Venue: SCET Ground

Total participation: 98 students

The event of Friction war was commenced by unleashing balloons into the sky and dancing to the beats. Total 98 participants had registered and took part in the event. The ground shaking event required proper implementation of friction and team coordination. It was the perfect opportunity to combine technical and non-technical skills of students to emerge victorious. It was executed in three rounds: general, semi-final and final. Two teams were declared as winners.

Prize Money:

1st prize was 500/- Rs

2nd prize was 300/- Rs

Faculty Head: Prof. Minkashi Vaghani, Prof. Ankita Parmar

Student Event Head: Parth Zarkhandi & Rudal Patel

Student Coordinators: Shana Joshi, Rajvi Jariwala, Devansh kothwala, Tanmay More & Harsh patel



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2. TREMBLE PAVE

Date: 30th September, 2022

Venue: Geotech Lab, CED, SCET

Total participation: 30 teams, 60 students

This event was based on the concept of compaction and liquefaction of sandy soil and it was carried out under the guidance of Faculty coordinator Prof. Khushbu Gandhi and Prof. Hemali Jardosh on 30th September 2022 at Geotechnical engineering lab. Total **30 teams** participated in the event. There were **60 students** in total. The event was divided into two rounds. In the first round, the participants had to make a pavement structure of fine sand and a fixed quantity of clay, trapezoidal in shape, by compacting sand (Particle size less than 2 mm) in a given mould at optimum water content and then seismic loads were applied. The pavement structure formed was kept on top of a single axle with four tyre loads. Vibrations were provided by means of a vibrating platform.

The structures that survived the vibrations up to 1 minute 30 second qualified the first round and moved on to the second round. In the second round, the same structure was tested under vibrations with base area flooded with water. The structure that survived the longest time was declared as the winner.

Faculty Head: Prof. Khushbu Gandhi and Prof. Hemali Jardosh

Student Event Head: Vaidit Patel and Dinal Dalal

Student Coordinators: Divya Chauhan, Tanisha Chauhan, Aditya Champaneria & Dipesh Kanthariya



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3. CLUE MINATI

Date : 30th September, 2022

Venue : Surveying

Total Participation : 50 teams, 150 students

Clue minati required proper team coordination, knowledge of the surroundings, and decoding skills. Clue Minati was a kind of treasure hunt in which the participants were provided their first clue in the form of a QR code and they were required to decode it to obtain the next clue. Various QR codes were stuck in different parts of the college campus and participants had to find them in order to become the winning team.

Faculty Head: Prof. Payal Zaveri, Prof. Jency Mevawala

Student Event Head: Yashvi Desai, Rishi Tilara & Vaidit Patel

Student Coordinator: Lipi Desai, Khushi Mistry, Vraj Patel, Sujal Kahar, Nupen Patel & Brijesh rupareliya, Rudal Patel



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4. BRUSH UP

Date: 1st October, 2022

Venue: Parking, Gate 5, SCET

Total participation: 7 teams, 24 participants

This event was conducted on 1st October, 2022 as a part of Nirmaan Techfest under the banner of Kshitij 2022. The main aim of the event was to create environmental awareness among the students by engaging participating students in a meaningful yet fun activity. The event was conducted in the parking area of Gate 5 of SCET. Total **7 teams** participated in the event which consisted of **2 to 5 members each**. Students from various departments and colleges took part in the competition. Teams were initially required to seek the approval of the concerned authorities for their designs. After the process of approval, all the participants were given 2 hours to prepare an art work conveying a message related to the theme of environment. The result was decided by the Judges of the competition Dr. Mehali Mehta and Prof. Himanshu Padhya.

Faculty Head: Prof. Mitali Shah, Prof. Zarana Gandhi

Student Event Head: Irienedeep Sood, Akruti Patel and Shweta Nishad

Student Coordinators: Aanchal Engineer, Kenvi Chaudhary, Shreya Dhirmar & Zeel Jain



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LIST OF PARTICIPANTS:

Group no.	Participants
1	Khushali Mithaiwala
	Vaishvi Jagiwala
2	Patel Avni
	Prem prajapati
	Krishna Makwana
3	Raj Kapadia
	Devang pipaliya
	vidhi patel
	Khushi damania
4	Juhi Patel
	Krishna Patel
	Kenvi Chaudhari
	Rajvi Jariwala
5	Vanshika Kapadia
	Jariwala Diya
	Patel Suhani
6	Tisha Tandel
	Archia Gazdar
	Perna Gattani
	Chirag Chauhun
	hasmit patel
7	Pranavi Mehta
	Taashna Jariwala
	Jesika Jariwala

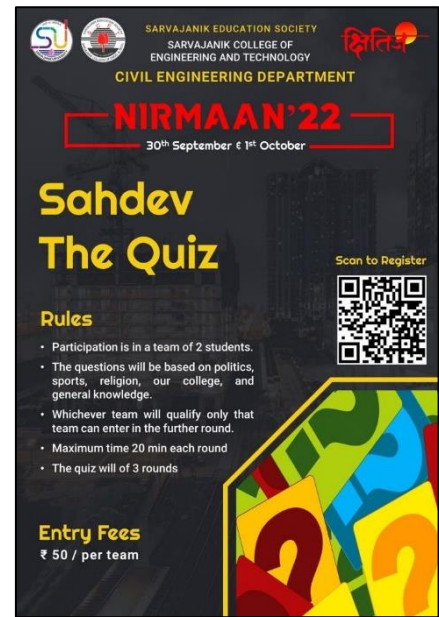
5. SAHDEV – THE QUIZ

Date: 1st October 2022

Venue: Geotechnical Lab

Total Participants: 11 teams

This was the quiz event of the Tech-fest NIRMAAN 2022 which was held on 1st October. This event required participation in the form of group of 2(two) students per team. In this event two faculty members Prof. Himanshu J. Padhya and Prof. Sejal S. Bhagat were the quiz masters. Total 25 questions were asked by the quiz masters and participants were required to write the correct answer in the given sheet/page. After all the questions were asked the answers were checked and tallied by quiz masters, event heads and student coordinators. The top three highest scoring teams were awarded certificate and prize money as follows:



Faculty Head: Prof. Himanshu Padhya, Prof. Sejal Bhagat

Student Event Head: Ishit Rathod, Sagar Patel, Kartik Ahir & Kaviraj Ariwala

Student Coordinators: Abhinav Mahida, Parthik Patel, Dharmik Jain, Yatharth Desai, Avni borsadiya.



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LIST OF PARTICIPANTS:

Sr. No.	Name of Participants
1	Bhargav Patel and Vaibhav Patel
2	Neerja Joshi and Shrey Solanki
3	Rashi Patel and Hil Patel
4	AaroHi Desai and Tanisha Jhaveri
5	Krinav Chaudhari and Farhan Hingoria
6	Kartik Gohil and Mitul Patel
7	Jenish Dodiya and Yash Nandwat
8	Devang Patel and Dhaval Parmar
9	Madhav Bardoliwala and Divya Shah
10	Vidhi Patel
11	Yashik Khurana and Kush Jariwala

6. TU TU MEIN MEIN – THE DEBATE

Date: 1st October 2022

Venue: Geotechnical Lab

Total Participants: 4 Participants

This is the event of debate under the tech-fest NIRMAAN 2022 held on 30th September and 1st October. In this event single participants were provided with the debate topic on the spot by faculty heads Prof. Himanshu J. Padhya and Prof. Sejal S. Bhagat. After the topic was given to participants had 5-7 minutes to prepare about the topic. The event was started by tossing a coin. Each participants gave their view points on the topic.

On the basis of the participants arguments, content, confidence while speaking and many other points the winner had been decided by the judges (faculty heads) and event heads.

Note: In the consolation no winning amount was given, only certificate was given.

Faculty Head: Prof. Himanshu Padhya, Prof. Sejal Bhagat

Student Event Head: Ishit Rathod, Sagar Patel, Kartik Ahir & Kaviraj Ariwala

Student Coordinators: Abhinav Mahida, Parthik Patel, Dharmik Jain, Yatharth Desai, Avni borsadiya.



Sr. No.	Name of Participants
1	AaroHi Desai
2	Tanisha Jhaveri
3	Prayash Jariwala
4	Jahanvi Jain

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7. 1 MINUTE GAMES

Date: 30th September, 2022 and 1st October, 2022

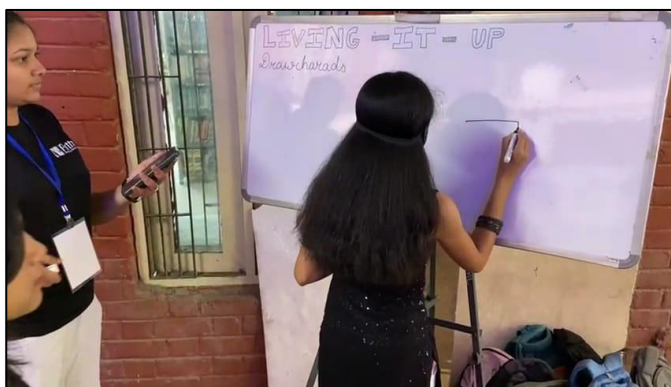
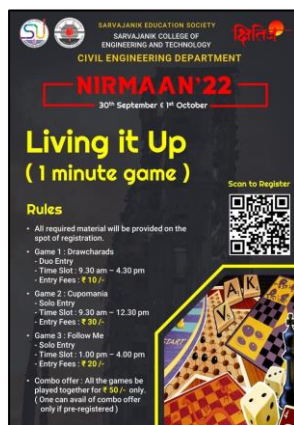
Total Participants: 126 students

To brighten everybody's day and to enjoy their time at the event, four 1-minute games (non-technical) were organized as a part of Nirmaan 2022. King of the Jungle was a three round games in which the first round was Damsharat, second round was Flip the Coin, and the third round was Pass through Ball Pipe. Living it up consisted of three individual games Drawcharads, Cupomania, and Follow Me. In Pop the Balloons, participants were required to pop maximum number of balloons in 1 minute. Finally, Roadies consisted of three rounds Tic Tac Toe, Walker Bottle, and Its Time to Show.

Faculty Coordinators: Prof. Chaitali Patel, Prof. Dipali Paneria, Prof. Hemang Trivedi, Prof. Chaitali Patel

Student Event Head: Nupen patel, Aryan maiyani, Meet Maniya, Aniket, Nisarg, Parth & Ishit., Malek Sanobar, Dev Italiya, Yash Patel, Siddharth Parmar, and Vishwa Patel

Student Coordinators: Harsh Parekh, Dipesh Kanthariya, Avni Borsadia, Maitri Patel, Rushi Dhameliya, Daksh Ukani, Pranay Bharkhada, Divya Patel, Pranshu Patel, Meet Bombaywala, Vraj Ghandhi & Devang Patel, Vaishnavi Patil, Urvashi Rana, Shubham Gandhi & Vaibhav Patel



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VALEDICTORY FUNCTION:

After the successful completion of day 2, a valedictory function was held by civil department in NJ Seminar Hall of Sarvajnik College of Engineering and Technology. A welcome speech was given by the Head of Department Dr. Jigar Sevalia followed by the faculty coordinators of Techfest Dr. Kamlesh Dalal and Dr. Manisha Vashi. The winners of the event were then awarded certificates and prize money for all of the events which were presented to the winners by faculty and student event heads. Finally, all the faculty members were felicitated by various Nirmaan student team members. Students were then invited to the stage to share their experience of the tech fest. The function was finally concluded with a Thank you speech from the Head of Department.



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LIST OF WINNERS OF NIRMAAN 2K22 EVENTS:

Sr. No.	Event Name	Name of Participant	Position
1	Friction War	Civil 2 nd Year Students	1 st
		Civil 5 th year students	2 nd
2	Tremble Pave	Meet Maniya and Pal Desai	1 st
		Vidhi Patel and Khushi Damania	2 nd
		Surti Priyanshu and Jariwala Abhishek	3 rd
3	Clue Minati	Devansh Kothawala	1 st
		Aarohi Desai	2 nd
		Tej Desai	3 rd
4	Brush Up	Khushali Mithaiwala Vaishvi Jagiwala	1 st
		Vanshika Kapadia Jariwala Diya Patel Suhani	2 nd
		Juhi Patel Krishna Patel Kenvi Chaudhari Rajvi Jariwala	3 rd
		Jesika Jariwala Taashna Jariwala Pranavi Mehta	Consolation
5	Sahadev The quiz	Krinav Chaudhary and Farhan Hingoria	1 st
		Rashi Patel and Hil Patel	2 nd
		Aarohi Desai and Tanisha Jhaveri	2 nd
		Neeraj Joshi and Shrey Solanki	3 rd
6	Tu Tu Mein Mein (Debate)	Aarohi Desai	1 st
		Jahanvi Jain.	Consolation

FROM THE TEAM NIRMAAN:

During the two days of Nirmaan Tech fest, approximately **500** students participated in all events making it a huge success and an event all could enjoy and reminisce. The success of any event is not possible without the hard work of numerous people behind the scene. We, the faculty coordinators Dr. Kamlesh Dalal, and Dr. Manisha Vashi along with the student heads and coordinators - the Nirmaan team, are grateful to the Principal, Dr. Hiren Patel, and the management of Sarvajanic College of Engineering and Technology to provide us with an opportunity where we could make a difference and share experiences that we can remember for a lifetime. We would also like to thank our Head of Department, Dr. Jigar Sevalia, and all faculty members for the unconditional support and help extended at every step of the way without whom the tech fest would not have been possible. Last but not the least, a big thank you to all the members of Team Nirmaan, without the efforts of faulty coordinators, student event heads and student coordinators the Techfest would not have been as amazing as it was. Congratulations to one and all!



TEAM NIRMAAN 2k22

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