



SARVAJANIK UNIVERSITY




SARVAJANIK COLLEGE OF ENGINEERING & TECHNOLOGY, SURAT

CHEMICAL ENGINEERING DEPARTMENT


A REPORT ON
CHEMCLAVE' 2021


Under State Level Tech-Fest







Sarvajani College of Engineering and Technology
Shree Dhansukhlal Thakordas
Department of Chemical Engineering
Presents








chemclave 2021
EXPLORE THE INFINITY
17-18 september


AAVISHKAR 


ABHIVYAKTI 


VIRTUAL PLACEMENT 

OUR WORTHY SPONSOR


INDUSTRIAL DEFINED PROBLEM 

SNKE-O-MYSTERY 

CHEM-O-BID 



CHEM-O-HUNT 

STUDENT CO-ORDINATORS
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FACULTY COORDINATORS
Prof. Rashmita Patel
Prof. Aanand Upadhyay

HEAD OF DEPARTMENT
Dr. Vaishali Umarigar

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SCET organizes a technical festival KSHITIJ annually to provide platform to foster the innovative minds. It was initiated with an aim to transform the society which will focus on technological research & development; thereby making world a better place to live in. under this techfest KSHITIJ, **CHEMCLAVE 2021** during 17-18 September 2021. It comprised of 04 technical and 03 non-technical; total 07 events this year.

Following are the list of the events:

Event 1: INDUSTRIAL DEFINE PROBLEM (IDP):

It's a technical event in which the participants have to solve the real life industrial problem provided by industry. They have to find the solution and present in the form of ppt in front of external jury.

Event 2 : VIRTUAL PLACEMENT:

Virtual Placement is a three-round event which aims to provide the participants a simulated experience of the industrial placement process. The rounds include Aptitude Test, Group Discussion, and Personal Interview. The jury from industry will evaluate the performance.

Event 3 : ABHIVYAKTI:

Abhivyakti is an initiative to encourage original thinking and experimentation in the field of engineering through the paper presentation. The topics can be selected from various fields of Chemical Engineering.

Event 4 : AVISHKAR

It is a technical model presentation event. The event allows the participants to apply the theoretical knowledge of chemical engineering to practically and prepare working or non-working model for the same.

Event 5: CHEM-O-BID:

It focuses on the basics of chemistry on elements of periodic table also open up your mind for Auction and money management. It includes two rounds first round aims on molecular weight of elements and second round focuses on formation of compounds

Event 6: SNAKE-O-MYSTERY :

This event aims at learning with fun. It has picture quiz in 1st round which emphasis on visual ability & quick response senses of the participants while the 2nd round consists of quiz with a twist of snake & ladder game which makes the event for enjoyable

Event-7: CHEM-O-HUNT:

It is one of the most attractive event, which definitely focusses on fun but also it makes the participants to use your mind in technical way. They will have to answer a question, solving riddle to get the location for new clue, and the first to get the last clue is the winner.

		DAY-1 : (17-09-2021)														
	8: 30	9: 30	9: 45	10: 00	10: 45	11: 00	11: 45	12: 00	12: 15	12: 30	12: 45	1:30	1: 45	2: 15	2: 30	3: 00
DA Y-1	REGISTRATION + INAUGURAL CEREMONY															
		CHEM-O-HUNT (R-1) (2nd year)					CHEM-O-HUNT (R-2) (2nd year)					AVISHKAR (GROUND FLOOR LAB)				
				VIRTUAL PLACEMENT (R-1) (3rd year)												
					ABHIVYAKTI (PROJECT LAB 1st Floor)											
							CHEM-O-BID (R-1) (4th year)									
												CHEM-O-BID (R-2) (4th year)				
														VIRTUAL PLACEMENT (R-2) (project lab)		

		DAY: (18-09-2021)														
	8: 30	9: 30	9: 45	10: 00	10: 45	11: 00	11: 45	12: 00	12: 15	12: 30	12: 45	1:30	1: 45	2: 15	2: 30	3: 00
DA Y-2					IDP (PROJECT LAB 1st Floor)											
					AVISHKAR (GROUND FLOOR LAB)											
		SNAKE-O-MYSTRY (R-1) (01)														
								SNAKE-O-MYSTRY (R-2) (any class)								
												VIRTUAL PLACEMENT (R-3) (CAD LAB)				

Total Number of Events: 07

The total number of participation: 426.

Other than Chemical Engineering, students from other disciplines had also participated in different events. In addition to that, CHEMCLAVE'2021 has got overwhelming participation from the following institutes as well:

- DDIT, Nadiad,
- Shroff Rotary Institute of Chemical Technology, Ankleshwar,
- GEC, Bharuch,
- GEC, Valsad.

INAUGURAL CEREMONY

The inaugural ceremony was held at the Project Lab, Chemical Engineering Department. The ceremony was graced by the presence of **Mr. Ghanshyam Lukhi**(Managing Director, Tapi Fruit Processing Pvt. Ltd.). He encouraged the students for start up and entrepreneurship. He put emphasis on the importance of YOGA in our life.



ABHIVYAKTI



SARVAJANIK COLLEGE OF ENGINEERING & TECHNOLOGY
Shree Dhansukhlal Thakordas
Department of Chemical Engineering
Present


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EXPLORE THE INFINITY
17-18 september


Paper Presentation


SCAN CODE & REGISTER

Rules & specifications:

1. No. of participants:1/2
2. Open to all branches.
3. Group Time limit: 10 min / 5 min for Q&A
4. Topic related to chemical domain.

Date: 17th September
Event type: solo/ Duo
Event Time: 10:30 To 12:30

Faculty Head:
Prof.(Dr.) Swati Sharma

Event Head:
Donda Kremin (+91 7041292893)
Tirth Golakiya (+91 9374456629)

Event Fees: NIL

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The event was organized in order to enhance the presentation skill of participants. In the event, student participated from all over the state and presented tin front of respected jury members and faculty head of event.

Time of the Event: 17th September 10:30 am

Teams present: 5

External Jury: Ms. Maitri Chahawala, Sr Environment Engineer, Ecopreneur Incorporate, Ankleshwar



INDUSTRIAL DEFINED PROBLEM

SARVAJANIK COLLEGE OF ENGINEERING & TECHNOLOGY
Shree Dhansukhlal Thakordas
Department of Chemical Engineering
Present

Rules & specifications:

Round 1: ABSTRACT SUBMISSION (17th Sep)
■ Submit as per problem (Online Submission)

Round 2: PRESENT SOLUTION OF PROBLEM
■ Time Duration **15 Minutes**
■ Winners will be declared as per performance.

Event Type : Max. 3 members per Team
Event Date : 18 September
Event Time: 10:30 To 12:30

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EXPLORE THE INFINITY
17-18 September

Industrial Define Problem

Faculty Head:
Prof. Srujal Rana

Event Head:
Prinkesh Thummar (+91 5353882104)
Vishvesh Patel (+91 7698768823)

Event Fees: 50/- Per Team

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Time of the Event: 18th September 10:30:00 am

Total Number of Teams Participated: 7

External Jury: Mr Bhaumik Parikh, Shift Incharge, Meghmani Organics Ltd, Dahej


This event consist of Two Rounds



Round 1: Abstract Submission (17-09-2021). Submit abstract per given problem (Online Submission)

Round 2: Final Presentation of solution of given industrial problem (18-09-2021). Time Duration : 15 Minutes. Winners will be declared as per performance.




VIRTUAL PLACEMENT


**SARVAJANIK COLLEGE OF ENGINEERING & TECHNOLOGY**
Shree Dhansukhlal Thakordas
Department of Chemical Engineering
Present



Rules & specifications:
This will be a three-round event.
Round 1: Aptitude Test
Round 2: Group Discussion
Round 3: Personal Interview

Date : 17th-18th September
Event Type : Solo Participation


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SCAN CODE & REGISTER

Faculty Heads:
Prof. Rashmita Patel
Prof. Anand Upadhyay

Event Heads:
Tithi Patel (+91 7698834622)
Vraj Panchal (+91 7874506747)

Virtual Placement

Event Fees: 20/-

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Time of the Event: 17th September 10:00 am

Total Number of Participation : 78

External Jury for Group Discussion Round: Prof Sarosh Dastoor, Asst. Professor, Electronics and Communication Department, SCET

External Jury for Group Personal Interview Round: Mr Bhaumik Parikh, Shift Incharge, Meghmani Organics Ltd, Dahej

Virtual Placement is a three-round event which aims to provide the participants a simulated experience of the hiring process. The rounds include Aptitude Test, Group Discussion, and Personal Interview.


Round 1 This was an online test conducted through google form. In this test basic Questions of chemical engineering and aptitude questions were asked.

Round 2 was Group Discussion. Topics of this round were Online Education; what's it's worth compared to traditional education and Start-ups.


Round 3 was Personal Interview.




CHEM-O-BID




Sarvajanik College of Engineering and Technology
Shree Dhansukhlal Thakordas
Department of Chemical Engineering
Presents






CHEM-O-BID



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2021
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क़िस्ती
आनंद ग्यम आँ ख़िलाफ़ मैम

Date:- 17 Sept.

2 Students/Team


Entry Fee:- 20 ₹

Round 1:- Each participants should reach at venue before 10 mins of Schedule time

Amount will be distributed to each teams through tokens
Auction will be held for elements of periodic table
Team having higher sum of molecular weight will be qualified for Round 2

Round 2:-


Again Amount will be distributed to qualified team and auction will be held
The team which can form highest no.of compounds will be declared as winner




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for more information

FACULTY HEAD
Prof. Ashish Parmar

EVENT HEAD
Ammar Dalroti +91 94287 79322 | Viral patel +91 63550 46846

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Time of the Event: 11:30am

Total Number of Teams Participated: 57


It was a two round event. In these the students were given the token of certain amount and auction was conducted in which they have to bid for 118 elements of periodic table and make a compound of highest molecular weight.




CHEM-O-HUNT




Sarvajnik College of Engineering and Technology
Shree Dhansukhlal Thakordas
Department of Chemical Engineering
Presents






Chem-o-Hunt



chemclave²⁰²¹
EXPLORE THE INFINITY



क्षितिज
Asant Gyan Ki Talim Mein

Date:- 17 Sept.

4 Students Max/Team


Entry Fee:- 40 ₹

Round 1:- Time Limit:- 2 Hrs

All teams will be divided into 2 groups and from each group 2 teams will be qualified for the next round.


Round 2:- Time Limit:- 2 Hrs


Qualified teams from round 1 will compete with each other and first team to finish will be the winner. **Winner Position:01**



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FACULTY HEAD **EVENT HEAD**
Prof. Vishad Desai Sakhiya Dev +91 75672 76774 | Himanshu Patel +91 63590 30080

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Time of the Event: 9:30am


Total Number of Teams Registered: 28

Teams present: 24


It is one of the most attractive event, which definitely focuses on fun but also it makes you use your mind in technical way, you will have to answer a question, solving riddle to get the location for new clue. 4 answers have to be found using 4 riddles (checkpoints) and the 4th answer is your final point. Each answer will give you the next riddle's location. The first team to finish the finish line is winner.





SNAKE-O-MYSTERY



Sarvajanic College of Engineering and Technology
Shree Dhansukhlal Thakordas
Department of Chemical Engineering
Presents





Date:- 18 Sept.

Solo Event / Offline


Entry Fee:- 15 ₹

Round 1:- Based On General Knowledge

Guess the name of the picture.
Maximum Point gainers will be qualified for the next round.

Round 2:- Snakes & Ladder Game


Roll a Dice & Answer the question to move forward
First 3 who will reach the end, will be counted as winners.




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for more information

FACULTY HEAD
Prof. Mahesh Jethva

EVENT HEAD
Parth Gandhi +91 72029 67300 | Neha Singh +91 91739 59738

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Time of the Event: 9:00 am, 18th september

Total Number of Teams Participated: 100

It was picture quiz based on general knowledge where participants had to guess the name of picture in the given time limit. Round 2 was a snake and ladder type game where participants had to answer a question before rolling the die. If their answer was correct, then they get to double the steps they had to move. Winners were decided on the basis of maximum steps covered in the duration of the event.



AVISHKAR

**SARVAJANIK COLLEGE OF ENGINEERING & TECHNOLOGY**
Shree Dhansukhlal Thakordas
Department of Chemical Engineering
Present

**chemclave** 2021
EXPLORE THE INFINITY
17-18 september

Rules & specifications:

- 1-4 members require per team
- Participation is open to all branches.
- Models related to chemical Domain.
- Time limit provided 10 min- Present & 5min- Quistionnaires

Date :- 18th September
Event Type :- Solo/group
Event Time :- 10:30 To 12:30


SCAN CODE & REGISTER

Faculty Head:
Prof.(Dr.) Vaishali Umrigar

Event Head:
Ketki Daruwala (+91 8460262680)
Naimish Jotangia (+91 9998157240)

Avishkar

Event Fees: NIL

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Time of the Event: 17th September 12:30 am

External Jury: Ms. Nidhi Patel, Sr Environment Engineer, Ecopreneur Incorporate, Ankleshwar

It is a technical model presentation event. The event allows the participants to apply the theoretical knowledge of chemical engineering to practical. The event encourages participants to share their innovative ideas in chemical domain. The winning team had presented the model of green domain in which they had shared the idea of providing drinkable water by the principle of condensation & evaporation. The project was appreciated by all the jury.



WINNERS OF CHEMCLAVE2021

NAME	EVENT NAME	RANK	BRANCH & YEAR
Sufiyan Pathan	ABHIVYAKTI	1 st	BE-IV CH
Aayush Patel	CHEM-O-HUNT	1 st	BE-II EL
Kabir Thakkar			
Jay Kimiyagar			
Kushin Patel			
Neel Chakalashiya			
Kirtan Bhikadiya		2 nd	BE-III, CHEM
Axit Chakalashiya			
Akshit Kikani			
Naitik Patel			
Dhruv Shah	CHEM-O-BID	1 st	BE-IV, CHEM
Dhruv Bhanushali		2 nd	BE-IV, CHEM
Harsh Jariwala			
Dhroovin Desai		3 rd	BE-IV, CHEM
Parth Gandhi			
Dishant Mangukiya		3 rd	BE-II, CHEM
Dhruvil Jasoliya			
Dev Sakhiya	AVISHKAR	1 st	BE-IV, CHEM
Abhijeet Vaddoboina			
Janki Trada			
Dharmik dhaduk			
Krish Patel	SNAKE O MYSTERY	1 st	BE-III, CHEM
Joshi Ninad		2 nd	BE-IV, CHEM
Harsh Shekhada		3 rd	BE-III, CHEM
Viral Patel	IDP	1 st	BE-IV, CHEM
Dhroovin Desai		2 nd	BE-IV, CHEM
Memon Mo- Ayaz			
Aniket Solanki			
Sabir Shaikh			
Ruchit Tejani		Consolation	BE-III, CHEM
Sufiyan Pathan	VIRTUAL PLACEMENT	1 st	BE-IV, CHEM
Krina Vaghani		2 nd	BE-IV, CHEM
Jaypal Rajpurohit		2 nd	BE-IV, EL
Jaykunj Siddhpuria		3 rd	BE-IV, EL

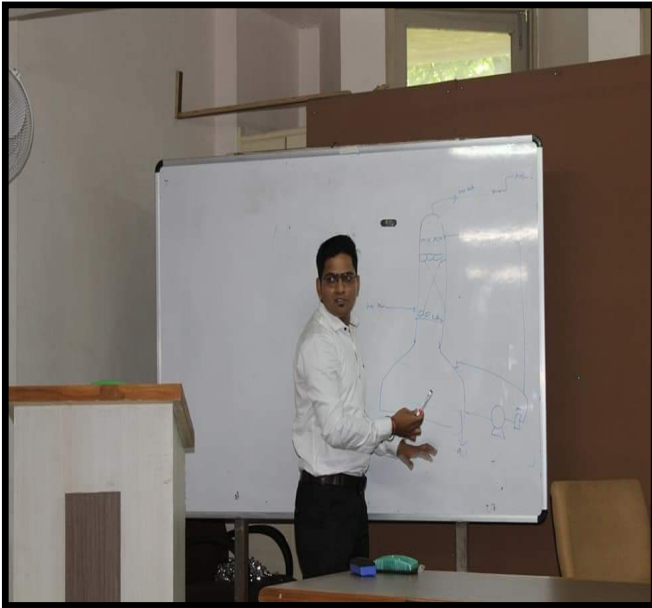
VALEDICTORY CEREMONY

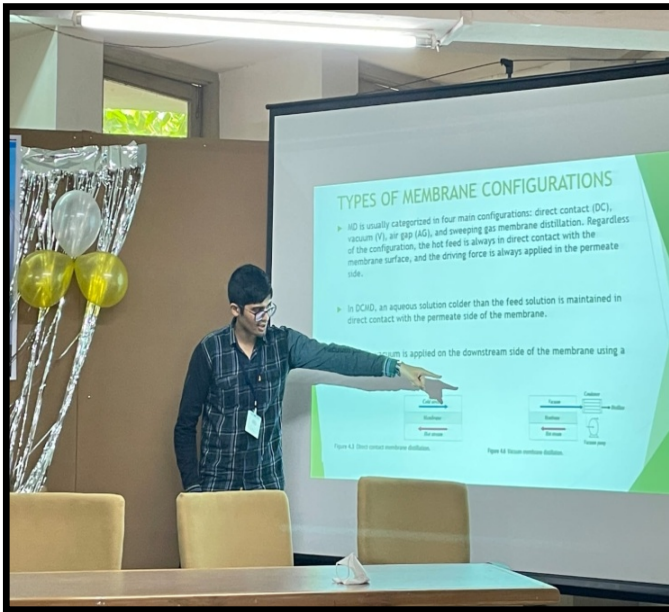
The Valedictory Function was held on the 18th of September at the project lab of Chemical Department. This function marked the end of CHEMCLAVE - 2021. All the winners were awarded with Trophies and certificates. The team Chemclave-2021 was wholeheartedly thanked and appreciated for the successful completion of the technical fest.





GLIMPSES OF THE EVENT







Faculty Coordinators

Prof. Rashmita Patel

Prof. Anand Upadhyay

Student Coordinators

Mihir Mrndapara (BE-IV)

Kuldeep Savaliya (BE-IV)

Student co-Coordiators

Jaymin Radariya (BE-IV)

Daksh Bagul (BE-III)

Acknowledgement

1. Management of SCET
2. Dr. Hiren Patel, Principal, SCET
3. Dr. Vaishali Umrigar, Head of Chemical Engineering Department
4. Dr. Keyur Rana, Dean SAWC
5. Entire Staff of Chemical Engineering Department
6. Team CHEMCLAVE 2021