

राष्ट्राय स्वाहा इव न मम ।



BULLETIN
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V.V.P.

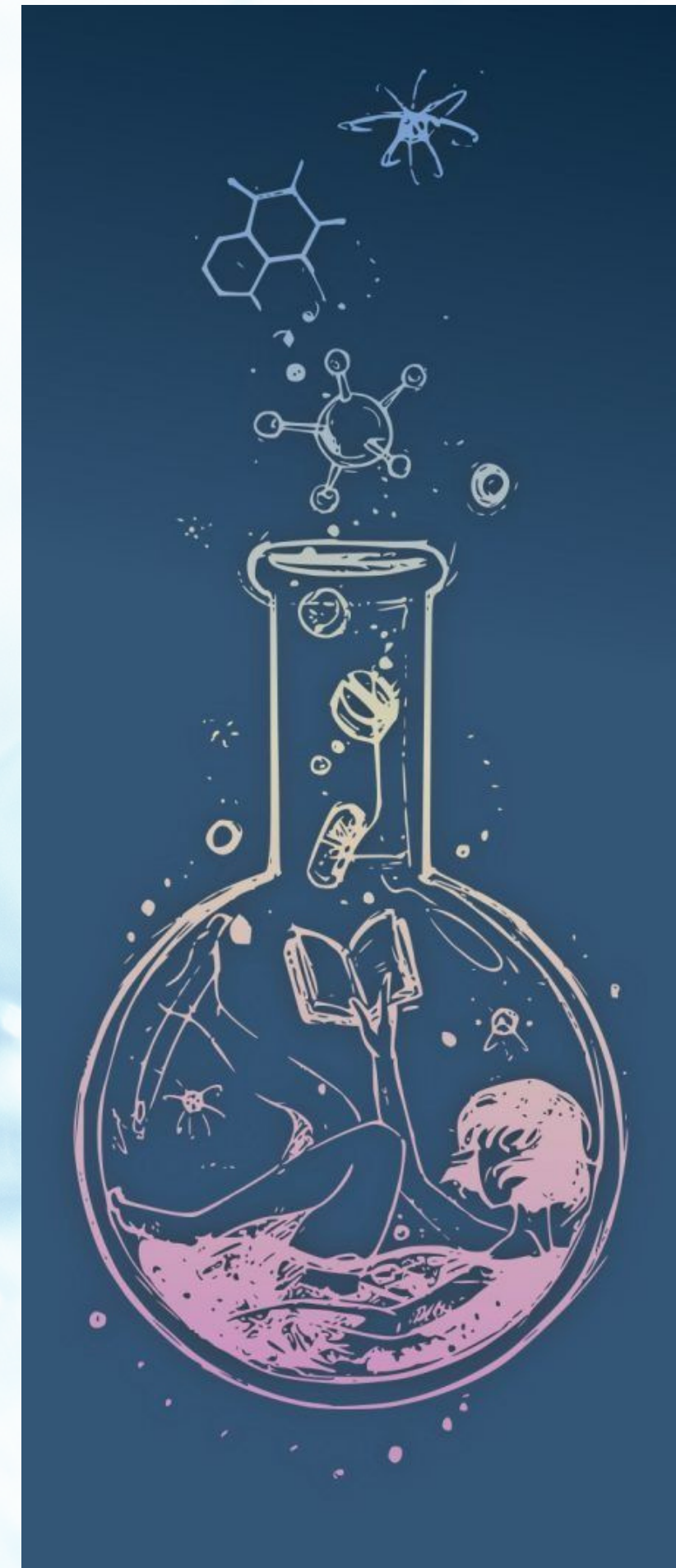
ENGINEERING COLLEGE

AICTE Approved & Affiliated to GTU, Ahmedabad

July-Dec 2021-Vol. 7

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ENGINEERING
DEPARTMENT



Message from Chairman-Governing Body



Shri Lalitbhai Mehta

India's energy transition is in its own interest because, otherwise economic growth would not be sustainable and human security would be at stake, since millions of climate refugees are created due to the devastating consequences of climate change.

The Prime Minister has committed to increase renewable energy and reach 500GW target by 2030, which is only 100GW in 2021.

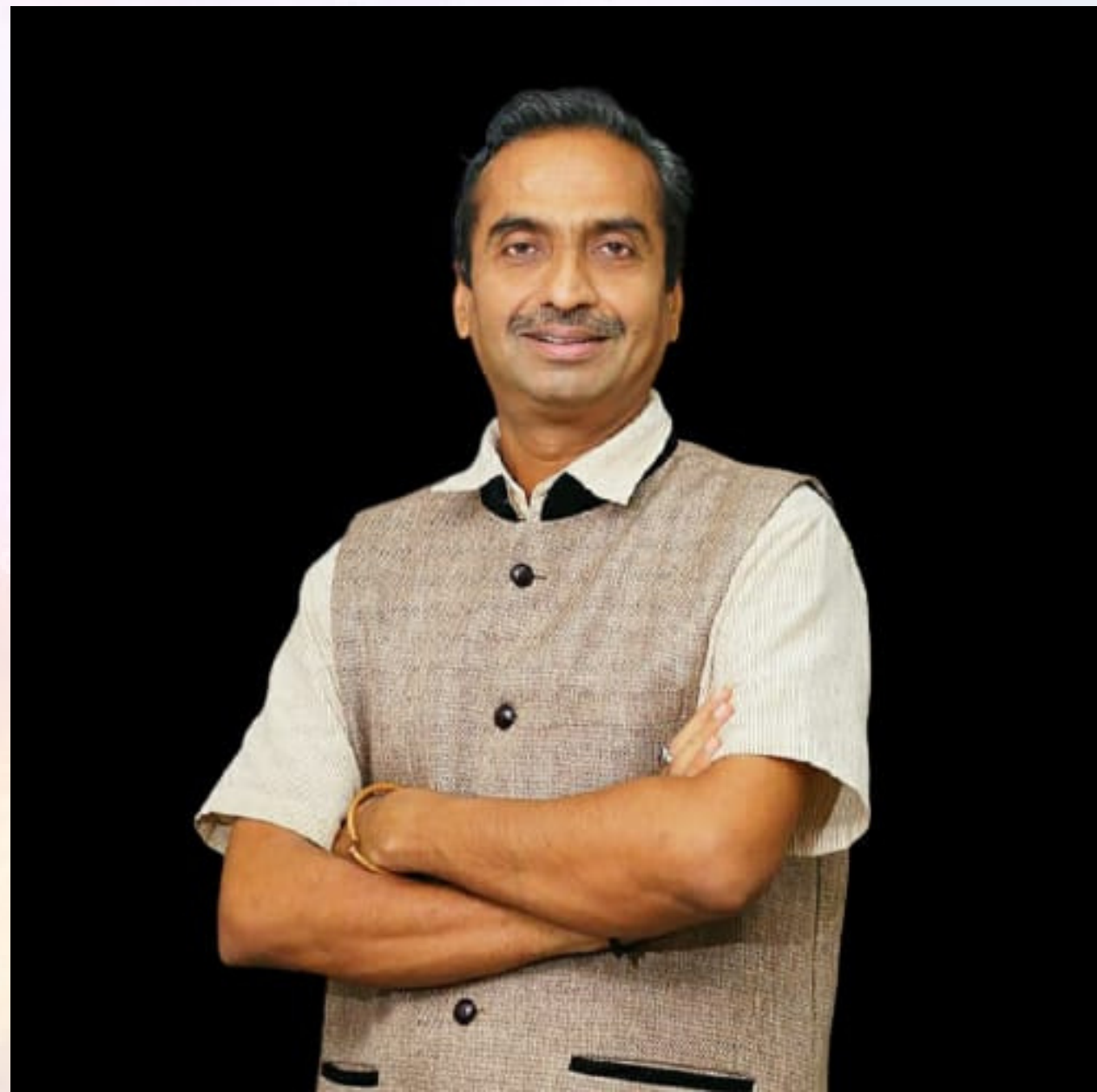
Our Wind energy production is only 12.5% of the total potential and solar energy production is only 4.6% of the total potential, a challenging task to tap unused resources.

The Prime Minister has announced the launch of the National Hydrogen Energy mission.

Green Hydrogen is a major component of renewable capacity of energy.

Engineering problems of cost, scale, adopting new technologies, working out distributing chains and storage of Hydrogen should be met by the government, bureaucracy, universities, engineers and technocrats by a coordinated policy and its implementation.

Message from Principal



Dr. Jayesh Deshkar

Welcome to V.V.P. Engineering College, a world class center for excellence in technical education. We are a leading technological institute of India, a home to a wide range of academic departments, providing best education in the major areas of technology and services in the area of research and consultancy.

We are proud and distinct through our global technical perspective, cosmopolitan character and being deeply rooted in the high Indian traditional culture, heritage and values.

You would enjoy the challenges and opportunities we offer. We look forwards to welcoming the engineering aspirants to a place of genuine intellectual excellence for an unforgettable simulating experience in the world of existing and emerging technologies, Welcome back to Future....

About the Institute



Vyavsayi Vidhya Pratishtan (V.V.P.) Engineering College is established by Rajkot Nagrik Sahakari Bank Ltd. to promote excellence in engineering education. The trust was founded in 1996 with an objective of meeting technical requirements of Gujarat. V.V.P. Engineering college has been matching ahead with a vision of transforming aspiring engineers to industry ready engineers, serving the nation at large.

The disciplined academic environment strengthening technical foundation of the students, is the unique identity of V.V.P. Innovation, creativity, team-spirit, entrepreneurship add to the scholastic achievements of the students and give them opportunities to enhance their personalities. The transparent governance and dedicated teaching by the qualified faculties make V.V.P. one of the most sought for engineering colleges of Gujarat.

With the best theoretical and practical teaching in the well-equipped classrooms and laboratories, V.V.P. is also well known for its modern library, wi-fi campus, training & placements programs, expert lectures and strong alumni network.

Needless to say that V.V.P. Engineering College keeps no stone unturned in directing students towards research activities like the practice of research paper writing, patent drafting, paper presentation and poster presentation. Students having interest in sports & Cultural Activities also find a convenient environment and guidance here, through various club activities.

Vision

To be an exemplary institute, transforming students into competent professionals with human values.

Mission

- To provide a conducive academic environment for strengthening technical capabilities of the students.**
- To strengthen linkage with industries, alumni and professional bodies.**
- To organize various co-curricular and extra-curricular activities for overall development of the students.**
- To practice good governance and conduct value-based activities for making students responsible citizens.**

Message from Head of the Department



Dr. Piyush Vanzara

Chemical Engineering Department of V.V.P Engineering College, Rajkot is a pioneer department in Saurashtra - Kutch region functions with the motto of driving the process industries by producing the quality minds and believe in inculcating moral value among pupil.

The department also takes pride in being nearest to the world's largest chemical industry, Reliance Industries Limited, Jamnagar.

The department is well collabrated with industries for Environment Audit (NABL accredited and GPCB recognised schedule-I auditor), Extended in house learning program, Faculty Exchange Program, Expert talk, Industrial visits, Research project, Campus placement etc. The Department is also blessed with experienced faculty member holding Ph.D and Master Degree from Reputed Universities of the country. Proud alumni of the department are also shining in a variety of sectors all across the globe.

I Welcome you all to one of the best Chemical Engineering Department of Gujarat which is the hub of chemical industry in the country.

Chemical Engineering Department

Vision

To be evolved as a leading resource of competent chemical engineering professionals with human values.



Mission

- To develop technical competence among students for solving problems of chemical and allied industries.
- To provide platform for overall development of students along with technical proficiency through co-curricular and extra-curricular activities as well as academic, alumni, research and industrial collaborations.
- To nurture human values in students by addressing social and environmental aspects.

Program Educational Objectives (PEOs)

- Apply knowledge of chemical engineering to address real-world issues.
- Establish successful career with professional ethics in chemical industries, academia and research institutes.
- Establish as chemical engineering professionals with teamwork, leadership, effective communication, innovative thinking and problem-solving skills.
- Influence society by agglomeration of human values along with sustainable technologies.

Program Specific Objectives (PSOs)

On successful completion of program, graduates will be able to:

- Apply knowledge of basic sciences, unit operations and unit processes to identify and solve problems of chemical and allied industries.
- Design innovative, economic, greener and safer processes and equipment using fundamentals of thermodynamics, kinetics, materials and energy balances.
- Model, simulate, control and optimize chemical engineering processes.

INDEX

Sr. No.	Contents
1	Placement & Result
2	Departmental Achievements
3	Higher Studies
4	Departmental Activities (Expert Lectures, Webinars, Skill Development Programmes, Virtual Lab Session, Alumni Interactions, Technical/Non-Technical Events, Mock Interviews, Parents Meeting, Krutagnata Diwas, Life Skill Development Programme, Industrial Visits, Resurgence and Rasotsav)
5	Creativity Corner

GLIMPSES OF PLACEMENT 2021



Placement - 2021

Heartily Congratulations to.....



Ranpariya
Bhumit



Pankhaniya
Dikshant



Chovatiya
Kashyap



Gajipara
Keyur



Vagh
Keyur



Vamja
Maulik



Chauhan
Nikhil



Paghadar
Preyash



Sakhiya
Raj



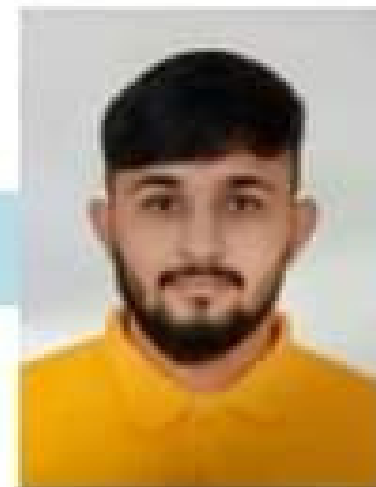
Machchhar
Saumit



Kansagara
Tej



Dave
Ujjwal



Sakariya
Uttam

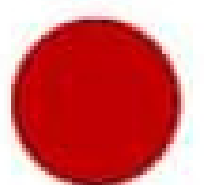


Machchhoya
Vishal

Selected in **NIRMA** CHEMICALS

V. V. P. Engineering College - Rajkot

V.V.P. Engineering College, Rajkot



GLIMPSES OF PLACEMENT 2021



Name of Student	Name of Company
<i>Rahul Parmar</i>	<i>Amoli Organics Pvt. Ltd., Vapi</i>
<i>Yash Marthak</i>	<i>Sarathi Chem Tech Pvt. Ltd., Kuvadawa -Rajkot</i>
<i>Bharat Chauhan</i>	<i>Sarathi Chem Tech Pvt. Ltd., Kuvadawa -Rajkot</i>
<i>Kuldip Valand</i>	<i>Adroit Pharmchem Pvt. Ltd., Savli- Vadodara</i>
<i>Prit Kaneria</i>	<i>Meghmani Industries Ltd., Ahmedabad</i>
<i>Parthik Chadotara</i>	<i>Rototech Engineering Systems, Naroda -Ahmedabad</i>
<i>Meet Mayani</i>	<i>Nira Life Science, Bamanbore</i>
<i>Abhi Kathiriya</i>	<i>GAIL, Ankleshwar</i>
<i>Krupal Gohel</i>	<i>Nira Life Science, Bamanbore</i>
<i>Milan Muchhadiya</i>	<i>Redox Ltd, Shapar</i>
<i>Parth Raiyani</i>	<i>Redwop Ltd, Rajkot</i>
<i>Yash Makadiya</i>	<i>Indofil, Ankleshwar</i>
<i>Prashant Malaviya</i>	<i>Dhanwin Pigment, Ankleshwar</i>
<i>Nishant Kaneriya</i>	<i>J. B. Pharmaceuticals, Ankleshwar</i>
<i>Tejas Kava</i>	<i>Krishna Polytechnic. Jamnagar</i>
<i>Priya Vyas</i>	<i>Krishna Polytechnic. Jamnagar</i>



V. V. P. Engineering College
Rajkot

Chemical Engineering Department

Heartily Congratulates
PARTH YOGI for getting

PLACED AT



TATA CONSULTANCY SERVICES



Parth Yogi
Semester - 7

Kalawad Road, Opp. Motel The Village Rajkot

www.vvpedulink.ac.in



V. V. P. Engineering College - Rajkot

Chemical Engineering Department



TATA CONSULTANCY SERVICES



Shubham Sakhreliya

Placement - 2022

Chemical Engineering Department

Heartily Congratulates Final Year Student

Mr. Shubham Sakhreliya

for getting selected in

TATA CONSULTANCY SERVICES.

We wish him for bright future ahead...

RESULT



8th Sem Student Kava Tejas Secured Gold medal in Chemical Engineering in GTU



6th Sem Student Shingala Avin Secured 2nd rank in Chemical Engineering in GTU



6th Sem Student Yogi Parth Secured 3rd rank in Chemical Engineering in GTU



4th Sem Student Bhatt Harsh secured 6th rank in Chemical Engineering in GTU



2nd Sem Student Nakrani Kevin secured 5th rank in Chemical Engineering in GTU

Departmental Achievements

- Reviewer, Materials Today Proceedings, Elsevier Publication, Awarded since October 2021
2 reviews



Dr. Piyush B. Vanzara
Professor and Head



- Successfully completed 8-weeks Swayam Three credit course "Accreditation for Undergraduate Engineering Programmes - January 2021" with the consolidated score of 90%
- Successfully Guided a PhD Thesis on "Studies in Vapour-Liquid Equilibria for Separation of Azeotropic Mixtures/Dilute Solutions using Salts" as a Cosupervisor (with all rights of a Supervisor)

Dr. Vyomesh M. Parsana
Assistant Professor

- Appointed as Board of Studies (BOS) Member by GTU for First year Programme.
- Appointed as Board of Studies (BOS) Member by Atmiya University for Industrial Chemistry.
- Appointed as a judge for Essay writing competition (open for all College, Universities of Saurashtra) organized by GPCB, Gandhinagar.



Dr. Sushil S. Korgaokar
Assistant Professor

Departmental Achievements



Dr. Darshana T. Bhatti
Assistant Professor

- Successfully completed 12 week NPTEL course of 3 credits on Principles and calculations in chemical engineering with 90% (gold medal).
- Appointed as a judge for Essay writing competition (open for all College, Universities of Saurashtra) organized by GPCB, Gandhinagar.

- Successfully completed Elite Grade 12 week AICTE-NPTEL FDP on SWAYAM (Proctored Exam)



Mr. Ajinkya Patwardhan
Assistant Professor



Mr. Priyank Khirsariya
Assistant Professor

- Successfully completed 12 week NPTEL course of 3 credits on Aspen Plus simulator software-a Basic course for beginners with 90% (gold medal).

HIGHER STUDIES

It is a regular practice of students opting for higher education in reputed universities across the globe



Dhruva Shishangiya

Philipps University of Marburg, Hesse, Germany for M.Sc in Functional Materials



Monil Koradia

University of Calgary, Alberta, Canada



Chirag Bavasia

Philipps University of Marburg, Hesse, Germany for M.Sc in Functional Materials



Nayan Gohel

Memorial University, Canada



Shreyas Sheth

S. P. Mandli's Prin. L. N. Welingkar Institute of Management Development & Research, Pune

V.V.P. Engineering College, Rajkot

Expert Lectures



Introduction to Process Design by Mr. Vivek Popat

An excellent session on "Introduction to Process Design" was conducted for Chemical Engineering Students by Mr. Vivek Popat, Nuclear Scientist, Bhabha Atomic Research Centre on 19 August 2021. In this session, the application of Process Design was explained in a simple manner for various reactors. An overview of Bhabha Atomic Research Centre was also given. The lecture was organised by Dr. Sushil S. Korgaokar.

NUCLEAR SCIENTIST
SCIENTIFIC OFFICER - 'D'
BHABHA ATOMIC RESEARCH CENTRE, MUMBAI

Basics of Design Engineering by Mr. Parth Sejpal

Design Engineering is very unique and pioneering initiation in Engineering Education by GTU which depends on globally accepted and implemented "Design Thinking" methodology by designers and engineers.

The expert speaker Mr. Parth Sejpal explained the different concepts of Design engineering to all the students on 8 Sept 2021. He described the importance of empathy and curiosity to the students with the help of easy and various number of examples. Different canvas sheets which students needed to focus in the upcoming 2 years of engineering related to subject was discussed. The lecture was organised by Dr. Sushil S. Korgaokar.



CEO -(SAURASHTRA UNIVERSITY INNOVATION & STARTUP CENTRE),
5 YEARS EXPERIENCE AT DESIGN INNOVATION CENTRE-GTU INNOVATION COUNCIL

Webinars

CHEMICAL ENGINEERING-A PERSONAL PERSPECTIVE

By Dr. Mohan Bhalodiya

Dr. Mohan Bhalodiya has majored in Process Control which led to a nearly 40 years career in Control field with world's leading petroleum companies- Exxon Mobil and BP refinery, Spain. Couple of Industrial Problems related to flow control loop & stream control were discussed on 10 Sept 2021. Students were benefitted to think and visualize how each configuration will work from the standpoint of process and instrumentation hardware. Dr. Bhalodiya motivated the students to develop their analytical skills. The webinar was co-ordinated by Dr. Sushil S. Korgaokar.



MS (MICHIGAN STATE UNIVERSITY, USA),
Ph. D. (State University, Newyork)

Learning Through Objective Q & A BY Mr. Nitin Hansaliya

Mr. Nitin Hansaliya shared in his session the importance of Objective type Questions which are fundamentals for any chemical engineer on 25 November 2021. He explained the importance of Objective Questions like Multiple Choice Questions. Giant industries are now-a-days using this type of pattern for recruitment process. Technical Entrance exam is also conducting of MCQ type. Tips were given to solve these types of questions. Students understood the significance of such examination patterns. The webinar was co-ordinated by Dr. Sushil S. Korgaokar.



HOD - GOVERNMENT POLYTECHNIC GANDHINAGAR (RETD.)

V.V.P. Engineering College, Rajkot

Webinars

GATE Guidance By Mr. Bhargav Shukla

This webinar was exclusively organised on 26 August 2021 for the final and pre-final year students as Graduate Aptitude Test in Engineering (GATE) focuses on comprehensive understanding of various undergraduate subjects in engineering for admission into the Masters Program and Job in Public Sector Companies. The session covered all important tips and concepts by Mr. Bhargav Shukla in a very lucid manner. The webinar was co-ordinated by Mr. Priyank D. Khirsariya.



ME STUDENT, MS UNIVERSITY, BARODA


BULLETIN

Skill Development Programme

Skill Development Program is organized with the aim of overall development of students, enhancement of technical skills, exposure of emerging area and bridge between industry and academic. These programs help students to learn new skills and to be a better professional in their preferred career choices. Better training will help them to get placed in a better career.

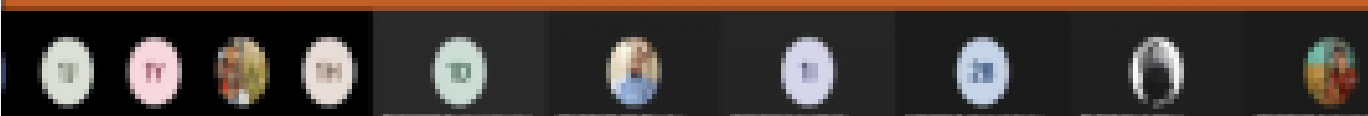
A session on "Sustainable Development using Green Solvents" explained on 22 June 2021 by Dr. Vyomesh M. Parsana, Assistant Professor, Chemical Engineering Department. The emphasis was on the need for sustainable development and how a chemical engineer can contribute to environment.

A Session on
Sustainable Development using Green Solvents
As a part of
Skill Development Programme
Conducted by
Dr. Vyomesh M. Parsana
Assistant Professor & PG Coordinator,
Chemical Engineering Department,
V.V.P. Engineering College, Rajkot



Catalysis for Sustainable Development

PRIYANK KHIRSARIYA
ASSISTANT PROFESSOR
CHEMICAL ENGINEERING DEPARTMENT
V.V.P. ENGINEERING COLLEGE, RAJKOT

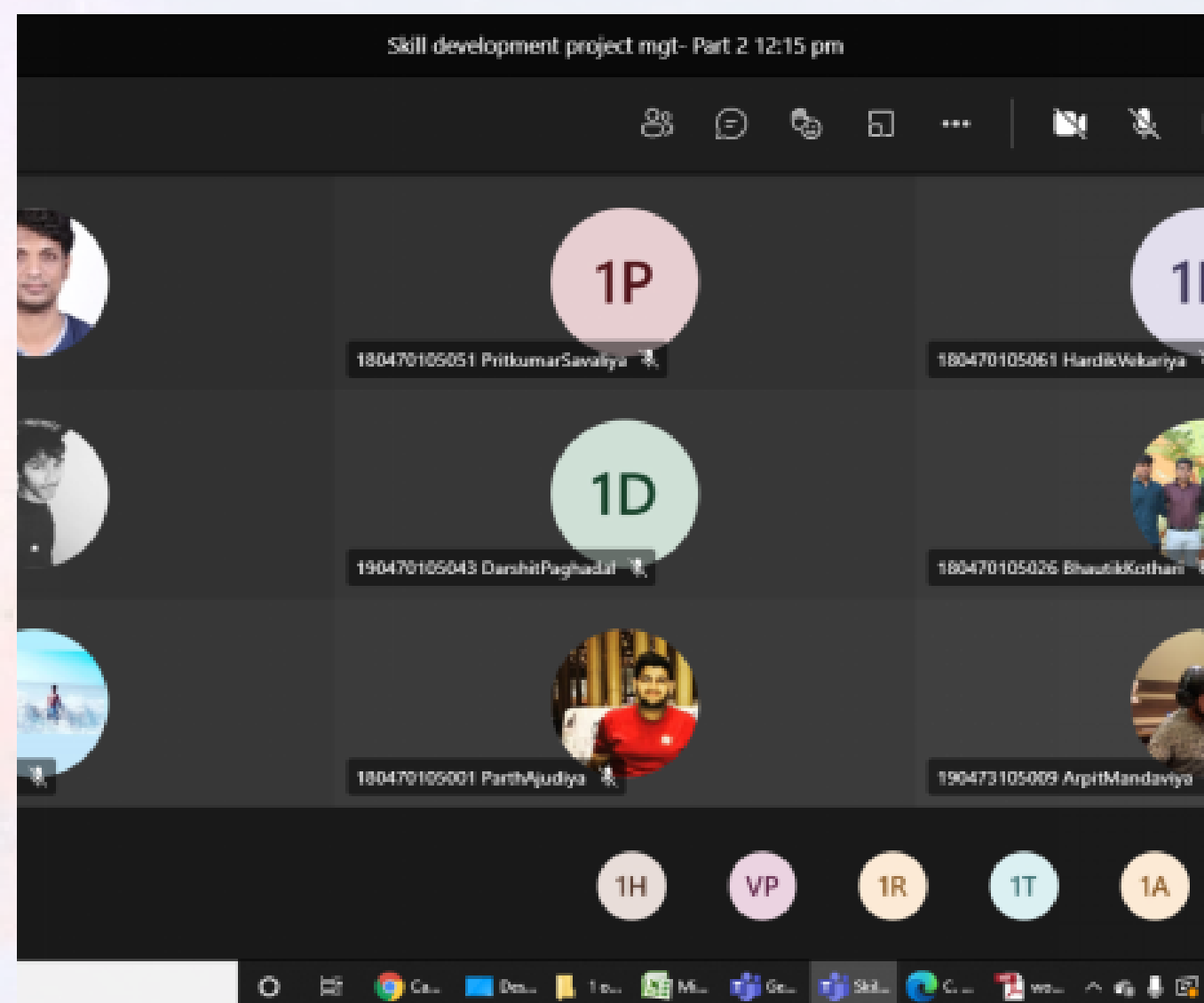
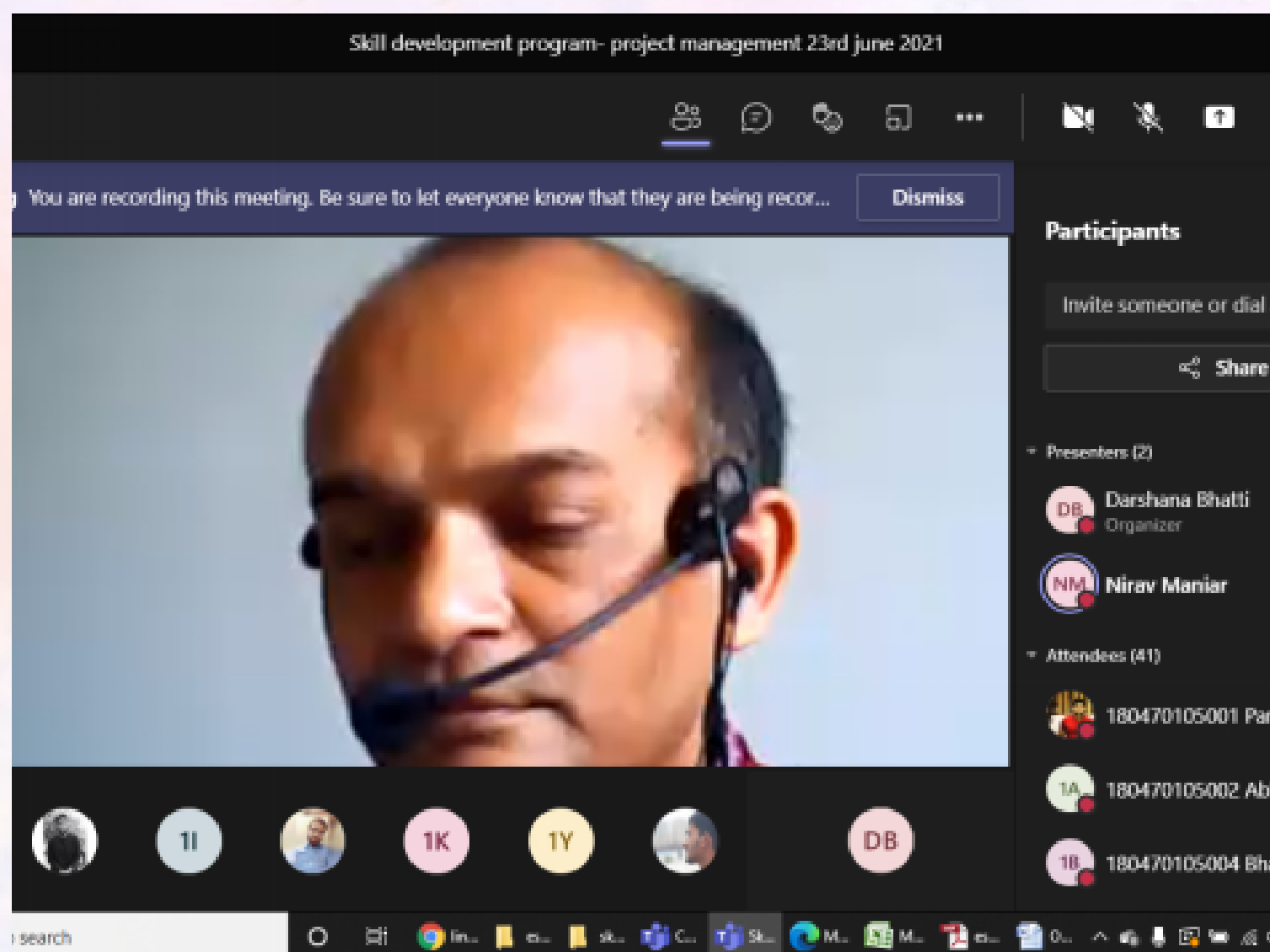


Second session on 'Catalysis for Sustainable Development' conducted by Mr. Priyank Khirsariya. Following are the Advanced catalytic technologies were discussed.

1. Single step oxidation of methane to methanol
2. Direct oxidation of Benzene to Phenol
3. Selective oxidation of cyclohexane to cyclohexanol and Cyclohexanone.
4. Conversion of CO₂ to fuel oil
5. Application of Catalytic convertor
6. Production of H₂ from water splitting
7. Catalytic pyrolysis of waste plastic to fuel oil

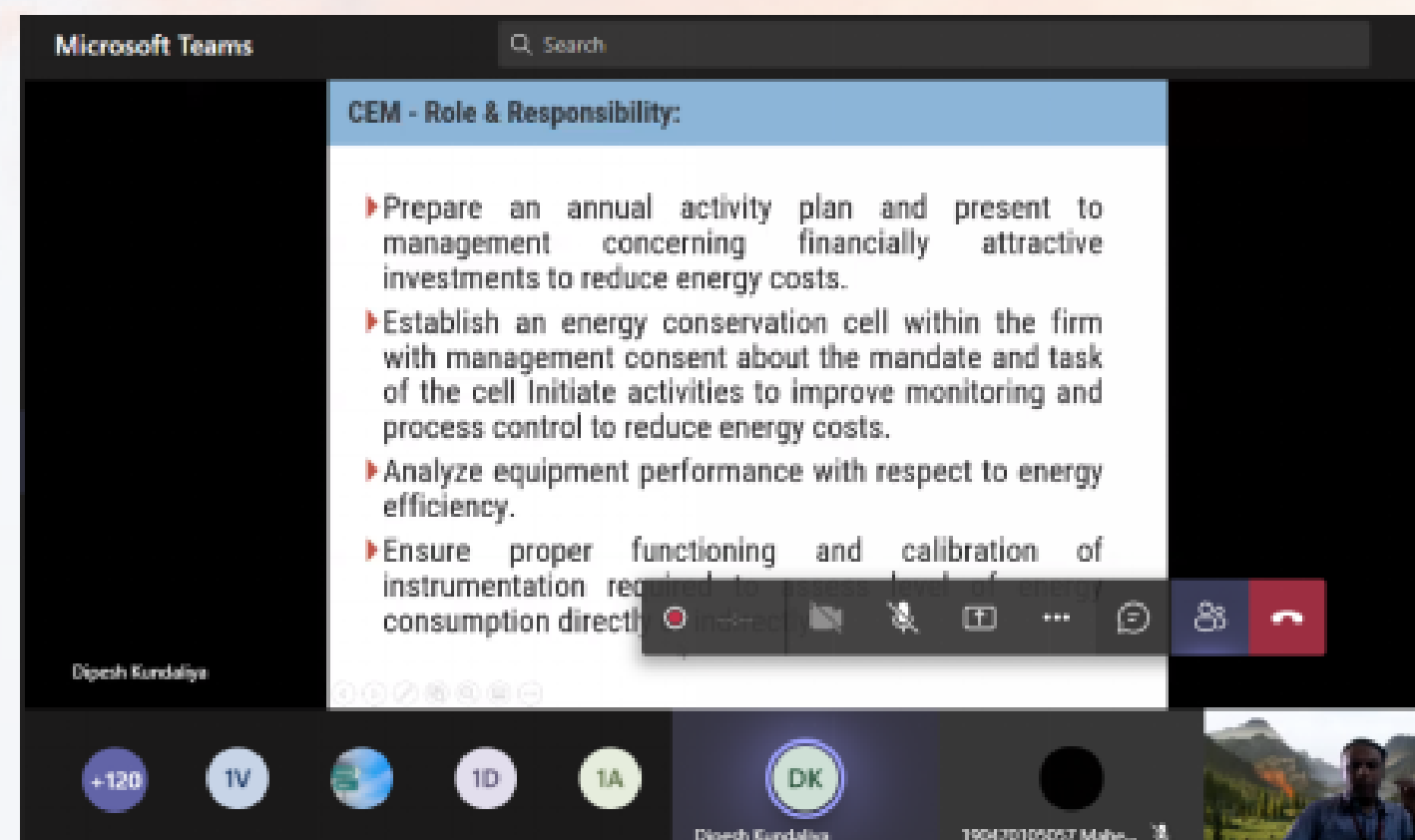
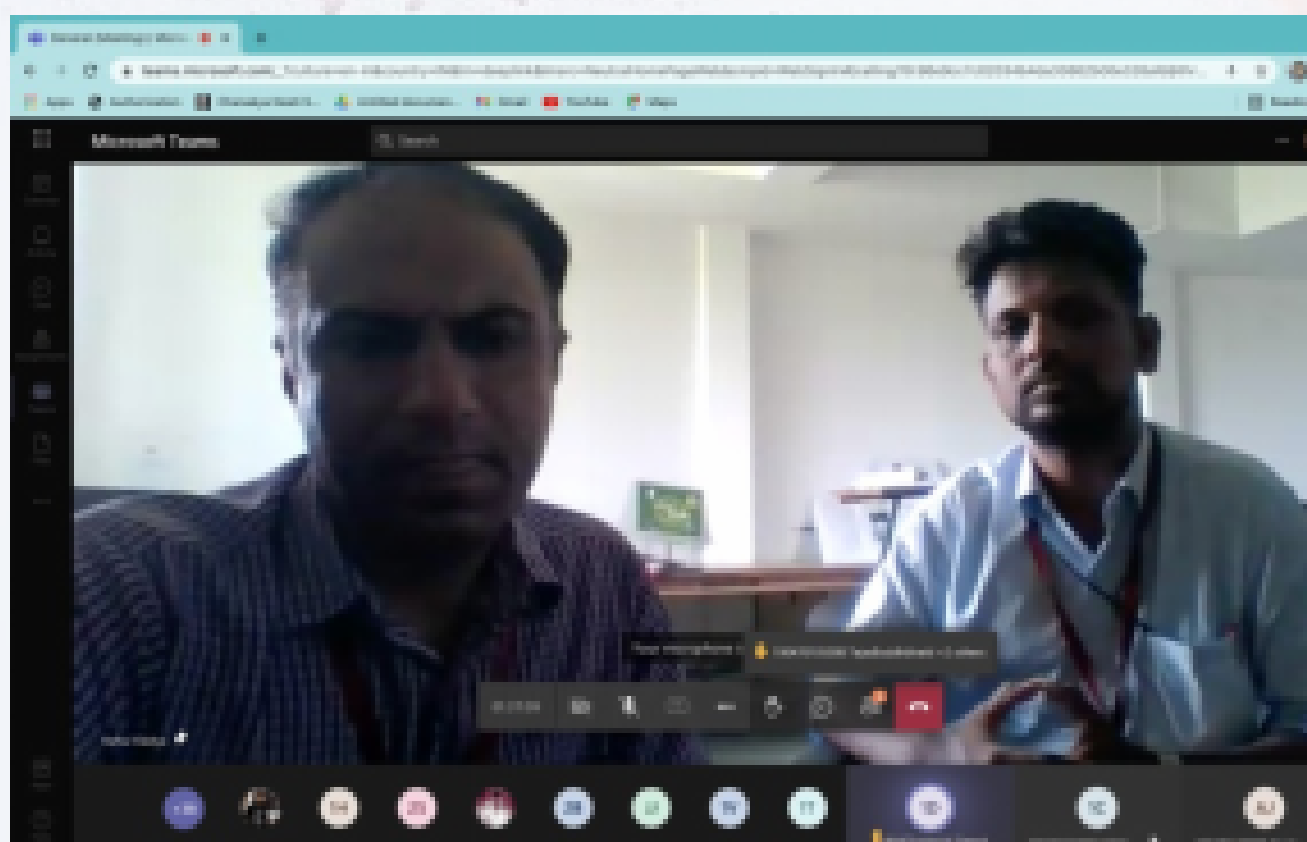
Skill Development Programme

A session conducted by Nirav Maniar on 23 and 26 June 2021 Project management, Critical path method and its industrial application. Students learnt how to analyze the tasks involved in completing a given project.



Energy audit session conducted on 24-25 June 2021 by Mr. Rahul G.Vaidya and he explained the performance evaluation of different electrical and thermal utilities like Boiler, Furnace, Pumps Lighting, Cooling Tower along with the energy conservation opportunities.

Next session was explained by Dr. Dipesh Kundaliya and Mr. Rahul Vaidya about how the energy audit instruments operates and works. The instruments such as Luxmeter, Flowmeter, Infrared Gun, Thermal Imager, Power Data Logger were explained.



Skill Development Programme

Theme: Use of analytical techniques in the Chemical Industry

- **Ms. Pooja Chavda** explained applications, principle of method, instrument components, and working of spectrophotometer.



- **Mr. Khodidas Harsoda** explained the use of UV-Vis double beam spectrophotometer along with standard curve for sulphate- solutions requirement and how to measure sulphate concentration in wastewater using spectrophotometer.



- **Dr. Jaysukh Markana** explained principle, instrumental components, working and softwares used for analysis of XRD Data.
- **Mr. Rahul Vaidya** explained SEM and TEM characterization methods for nanoparticles.

- **Mr. Priyank Khirsariya** explained the principles of Gas Chromatography and use of chromatography in chemical industry. **Dr. Vyomesh Parsana** explained use of refractometer to measure refractive index.
- **Dr. Sushil S. Korgaokar** explained NMR and HPLC methods with research application in the field of chemistry. Students visited Center of Excellence in Drug Discovery, NFDD Complex, Department of Chemistry, Saurashtra University. Department is thankful to the staff and authorities of NFDD, Saurashtra University.



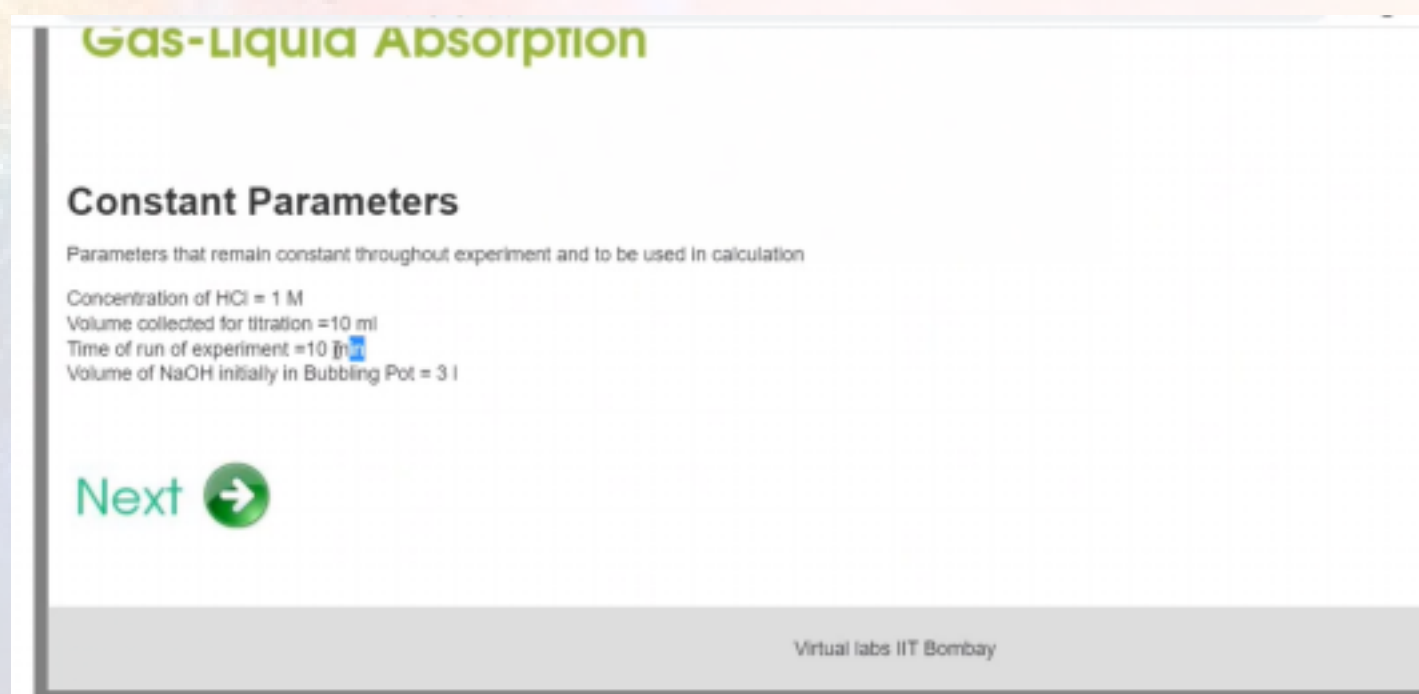
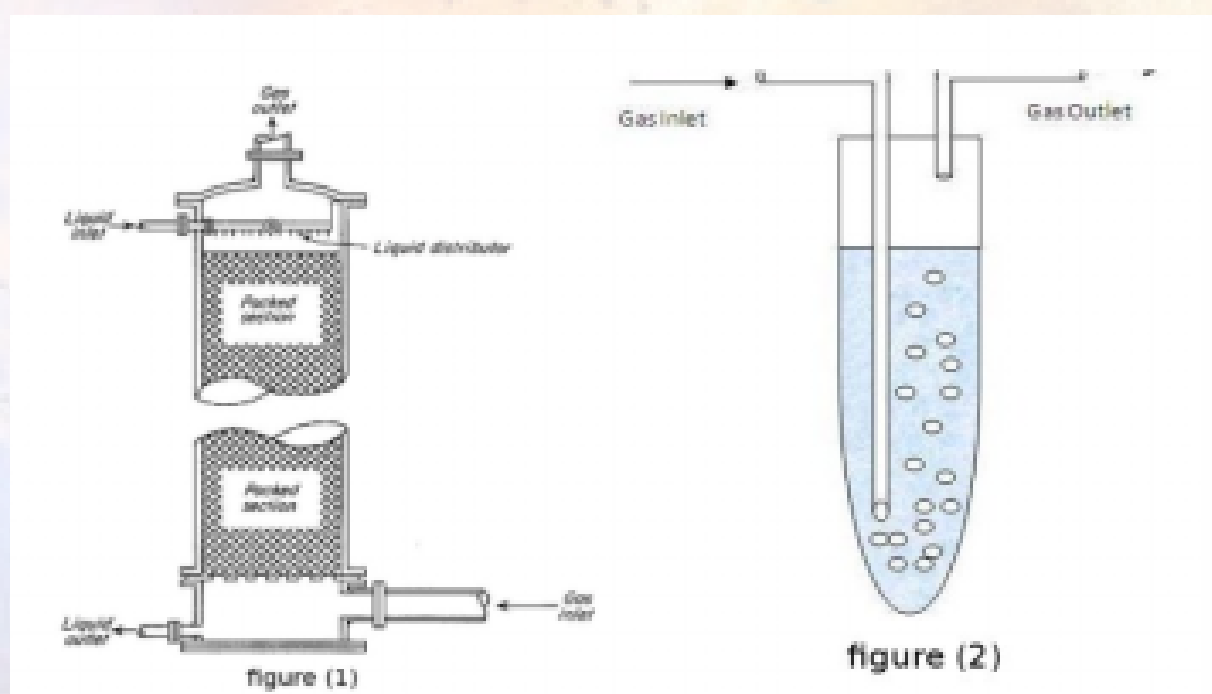
Virtual Lab Session

'Virtual lab on Gas absorption with chemical reaction'

Students of 5th semester performed Gas absorption with chemical reaction virtual lab experiment which was developed by IIT, Bombay under chemical engineering lab category. The objective of this experiment was to study gas liquid absorption in an absorption column with

1. The reaction of carbon dioxide when it is contacted with sodium hydroxide solution,
2. To compare the performance of a packed column (continuous process) with a bubble column (semi-batch process) and
3. To observe the effect of different flow rates on the performance of the two columns.

This exercise deals with the mass transfer operation known as gas absorption in which a soluble gas is absorbed from its mixture with an inert gas by means of a liquid in which the solute gas is more or less soluble. Fig. 1 represents absorption column and fig. 2 represents bubble pot. Students has determined CO_2 removal efficiency of both these units.



Alumni Interaction

Mr. Bhargav Shukla (2020) gave a guidance on GATE Examination & Higher studies
[M. E. (Environment) M. S. University of Baroda]



Mr. Bhargav Shukla interacted with the students of B.E. 3rd, 5th & 7th Semester. The session was attentive, interacting, informative and helpful for GATE EXAM.

Mr. Bhargav guided students and focuses on how to prepare for concepts of every subjects in GATE exam . The students also interactively asked many questions about concept learning, self-preparation. Mr. Bhargav shared his experience. This alumni interaction was co-ordinated by Mr. Jilesh Pandya and Mr. Pratik Koradiya.

Mr. Chirag Bavasia & Ms. Dhruva Shisangia (2021) gave a guidance on Higher studies
[M. S. (Chemical Engineering)-Marvin University, Germany]

Mr. Chirag Bavasia & Ms. Dhruva Shishangia, alumni of 2021, interacted with the students of B.E. 5th & 7th Semester. They emphasised on huge gap between financial status is due to the job profiles. A person with a degree is expected to be awarded a better salary. People with at least a bachelor degree working full time are doing better than those with a high school completion degree. Educated people benefit from multiple resources such as health and life insurance. In the bigger picture, higher education brings monetary benefits. This alumni interaction was co-ordinated by Mr. Jilesh Pandya and Mr. Pratik Koradiya.



Alumni Interaction

Mr. Hemang Jasani (2019) gave an expert talk on 'Chemical Engineering Basics & its scope'

[MSc. In Chemical & Energy Engineering - OTTO University-Germany]



Mr. Hemang Jasani, alumni of 2019, interacted with the students of B.E. 3rd Semester. Mr. Hemang Jasani guided students regarding the scope & importance of chemical engineering in industries. Mr. Jasani also explained the importance of softwares used in industry for simulation process. This alumni interaction was co-ordinated by Mr. Jilesh Pandya and Mr. Pratik Koradiya.

Mr. Jay Rajani (2015) gave a guidance on Student Training & Placement Cell Activities and Importance of Communication in Industry

[Associate Vice President, Business Strategy & Operations, Tracxn Technologies Limited]

Mr. Jay Rajani, alumni of 2015, interacted with the students of B.E. 7th Semester. Mr. Jay guided students regarding the placement activities done by students for their career upliftment. He also shared his experience regarding the usage of social network like LinkedIn for getting placement opportunities. Improvement of Leadership qualities and Team work is also an essential part of boosting up confidence during interview - this point was deeply mentioned during interaction. This alumni interaction was co-ordinated by Mr. Jilesh Pandya and Mr. Pratik K. Koradiya.



Alumni Interaction

**Mr. Sagar Ahuja (2011) gave a career guidance
[Light Distillate Trader, Nayara Energy Limited, Mumbai]**

Mr. Sagar Ahuja, alumni of 2011, interacted with the students of B.E. 5th & 7th Semester. Mr. Sagar guided students that keep preparing concepts of every subjects thoroughly clear and keep repeating the things. The students also interactively asked many questions to Mr. Sagar about industry environment, job responsibilities, concept learning, self-preparation etc. This alumni interaction was co-ordinated by Mr. Jilesh Pandya and Mr. Pratik Koradiya.



Technical/Non-Technical Events

Technical Events such as Chem-O-Car and Chemfluence were organised. Participants were made aware about the rules of the events. More than 100 students were participated from the department.

1st rank was appreciated by cash prize and e- certificates were given to all participants.

The motive behind organizing of such events was to motivate, inspire and enable learning in the students.

The whole event was co-ordinated by Mr. Pratik Koradiya.



Mock Interview

Mock interviews enable candidates to have a fair idea about the sort of things they are going to experience at actual interviews and prepare them how accurately they can deal with it. Generally, these interviews are organized by career services where a career coach trains the students and recent alumni for the new opportunities, they can explore by being perfect at the actual interview sessions. But accuracy does not come automatically. It needs a thorough practice and guidance from an expert trainer.

Esteemed Alumni in Renowned Industries

- Jethava Ramesh [Reliance, Baroda]
- Pradip Chauvisa [UPL]
- Ankur Pandya [Guj.Chem Port Ltd.]
- Kharod Javin [Nirma Ltd. Baroda]
- Divyesh Akbari [Saurashtra Chemicals, Porbandar]
- Hetal Kothari [RIL, Baroda]
- Kartik Tank [RIL, Jamnagar]
- Ankit Vekariya [GFL, Ranjitnagar]
- Ankit M. Bhua [Sun pharmaceutical industry limited, Panoli]

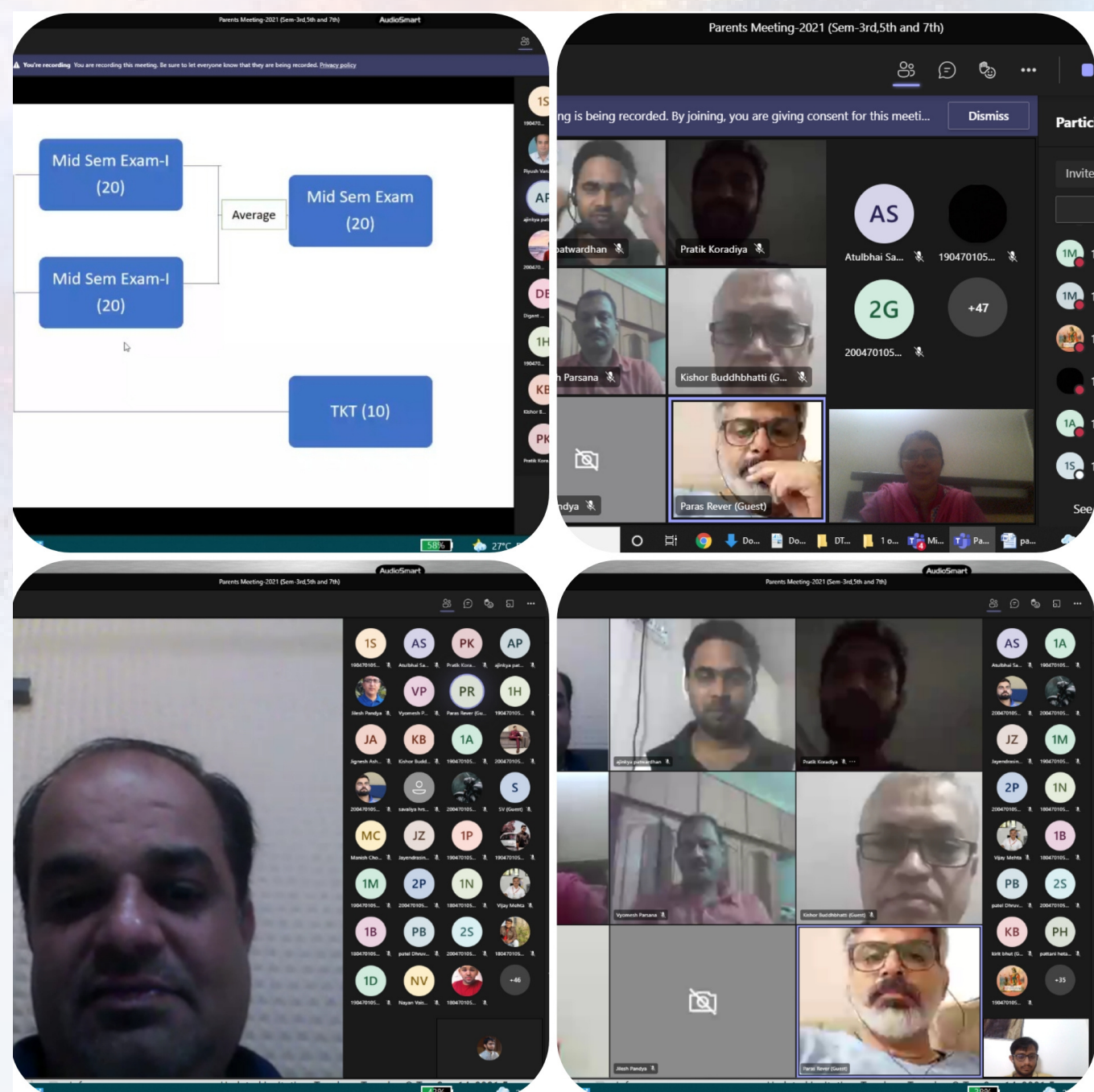
With this importance, in this pandemic situation of COVID - 19, Chemical Engineering Department arranged an ONLINE Mock Interview round on 13-15 August 2021 for final year students. Alumni contributed in this ONLINE Mock Interview. All are well experienced and acquired prestigious positions at various industries.

Students were assessed on various parameters including Technical Knowledge, Fluency, Communication, Confidence and eye contact.

Parents Meeting

Chemical Engineering Department organized a parents meeting on Saturday, 11th July 2021. Due to pandemic situation, the meeting was conducted through online.

The agenda of the meeting was to aware about different activities of the department such as summer internship, project, skill development program, Mental Aptitude Test, Technical Knowledge Test, Technical events, research paper writing competition, expert lectures/ webinar and industrial collaboration.



Chemical Engineering Department organized a parent-teacher meeting on Tuesday, 14th September 2021.

The agenda of the meeting was current exam system, technical activities of the department such as Projects, technical events, research paper writing competition, guidance for improvement in mid sem exam, regularity and discipline.

The parents interacted with the teachers regarding student's overall performance.

Back to School Days- Krutagnata Diwas

As per the tradition of our college, the students are encouraged to pay the respect (*krutagnata*) to their teacher-the pathpaver of their career.

Student visited schools on 16 October 2021 to pay their respect.



Life Skill Development Programme

As a part of life skill development lecture series, the session explained by Dr. Vyomesh M. Parsana on 'Contribution of India in Science'.

The purpose was to make students aware about our glorious past and to build confidence in them.

He described that Hard work and knowledge can take the country again to new heights.



Industrial Visit

Chemical Engineering Department organizes regular industrial visits for students in order to upgrade our students with recent updates in chemical industries and make them familiar with new modern techniques engaged in the industries. Our Students have visited reputed Chemical industries, which helped them to develop innovative ideas for the research and clarify their theoretical doubts.

Visit to Sarathi Chemical Pvt. Ltd., Kuvadva, Rajkot

Chemical Engineering students visited the methyl bromide plant of Sarathi Chemical Pvt. Ltd. Mr. Pratik koradiya has accompanied the students during visit. The students were divided into two groups. One group was with Mr. Hardik and another was with Mr Rohit. Students have learned about utilities, packaging section, cooling tower and reactors, heat exchanger, storage tank and packing tower. This visit was co-ordinated by Dr. Darshana Bhatti. We are thankful to Sarathi Chemical Pvt. Ltd.



Visit to EPP Composites Pvt. Ltd., Kuwadva, Rajkot

The students of the 5th semester Chemical Engineering Department visited the Pultrusion plant of EPP Composite Pvt Ltd, Kuwadva Road. The personnel of EPP explained the importance of safety and hygiene to students. The head of the manufacturing department explained different dyes which have been used to give different shapes and sizes for making desired products. Students also learned about woven roving and mat wires. The EPP team describes the process of converting wires into resin along with its applications. The visit was co-ordinated by Dr. Darshana Bhatti. We are thankful to EPP Composites Pvt Ltd.



Visit to Balaji Wafars Pvt. Ltd., Metoda, Rajkot

The students of 3rd and 5th semesters visited the company with Dr. Darshana Bhatti. Students were divided into groups and the company personnel has explained manufacturing process of wafers of different varieties. Other products of Balaji were explained in a very interesting manner using video. There was one session of the director on the journey of Balaji Wafer plant from inception. The director motivated the students by sharing life learning lessons with them and boosted up their confidence. The visit was co-ordinated by Dr. Darshana Bhatti. We are thankful to Balaji Wafars Pvt Ltd.



Industrial Visit

Visit to Ashutosh Rubber Pvt. Ltd., Metoda, Rajkot

The students of 3rd and 5th sem visited Ashutosh Rubber Pvt. Ltd industry along with the faculty Dr. Darshana Bhatti. Mr. Kunal Sheth has explained types of rubbers and the stepwise process for producing various rubber products. Students have seen various equipment such as roller dryer, crusher, cooling towers, mixers and press. The visit was co-ordinated by Dr. Darshana Bhatti. We are thankful to Ashutosh Rubber Pvt. Ltd.



Visit to Kutch Chemicals Industries Ltd., Kutch



On 9th September 2021, 7th sem chemical engineering students visited Kutch Chemicals Industries Ltd., Padana, Gandhidham, Kutch. Department staff members Mr. Priyank Khirasariya and Ms. Rita Saparia accompanied students for this visit. VVP Engineering College has sanctioned travelling budget for this visit. The Company is highly experienced in the processes of Chlorination, Nitration, Sulfonation, Hydrogenation, Ethoxilation and Ammonolysis. They have more than 20 Specialty Chemicals in our Products basket.

Students have learned about Chlorination, Nitration and Hydrogenation products. The company personnel has explained manufacturing process for sulphuric acid, dyes intermediates and plasticizer. The visit was co-ordinated by Dr. Darshana Bhatti. We are thankful to Kutch Chemicals Industries Ltd.

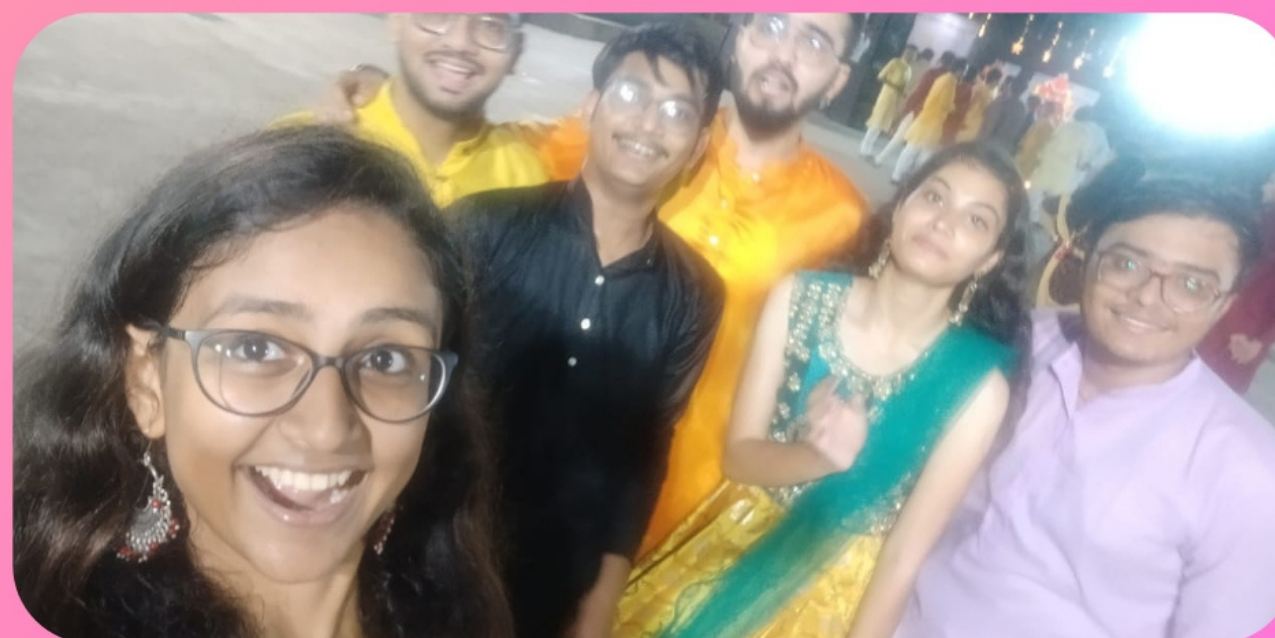
Visit to U-Fresh Milk and Food Products

Students visited U-Fresh Milk and Food Products Company at Metoda. It is a dairy unit and industrial plant for automatic preparation of all milk products such as Butter, Butter Milk, Cream Milk, Cream Milk Powder, Curd and sweets. Mr. Nileshbhai and Ms. Chandlani mam has given permission for this visit. Student has seen industrial scale equipment and learned about mixer, dryer, chilling plant, conveyers, ETP and packaging section. The staff has explained well about how different processes are used for large scale production of sweets also. The visit was co-ordinated by Dr. Darshana Bhatti. We are thankful to Kutch Chemicals Industries Ltd. U-Fresh Milk and Food Products.



Resurgence and Rasotsav

Chemical Engineering Department organised a farewell for final year students 'Resurgence'. Students actively participated in the Resurgence. As it was Navratri, the Rasotsav was also celebrated after Resurgence accompanied by delicious dinner. Mr. Diyora, Assistant Commissioner of Police were the chief guest of the function. Few glimpses of the function.....



CREATIVITY CORNER

Creativity is the ability of a person or group to make something new and useful or valuable, or the process of making something new and useful or valuable. It happens in all areas of life - science, art, literature and music. As a personal ability it is very difficult to measure. The reason is that we don't understand the mental processes that help some people be more creative than others.

Mr. Chirag Bavasia, the alumni of 2021 Batch justifies creativity with the help of his artistic skills. Some of his sketches....



CREATIVITY CORNER

As said by A.R. Rehman "Music is language itself. It should not have any barriers of caste, creed, language or anything. Music is one, only cultures are different. Music is the language of languages. It is the ultimate mother of languages."

Our Student of Final Year Mr. Arpit Mandaviya bags different achievements in MUSIC by Playing a musical instrument 'Sarangi'. Some of his achievements...

- Guest appearance in Musical video "Odhaji".
- Aayushmann khurrana shared a small collaborative reel with arpit mandaviya.
- Felicitated by Tabla department, M.S university, Faculty of performing arts for contribution in their national level workshop.
- Performed in 75th aazadi ka amrut mahotsav organized by Gujarat state Sangeet Natak Academy.
- Played sarangi in Gujarati movie "21mu tiffin" (Released on 10th december).
- Name appeared in End credits of a film.

FLUTE

Sandip Kulkarni

SITAR

Bhagirath Bhatt

SARANGI

Arpit Mandaviya

GUITARS

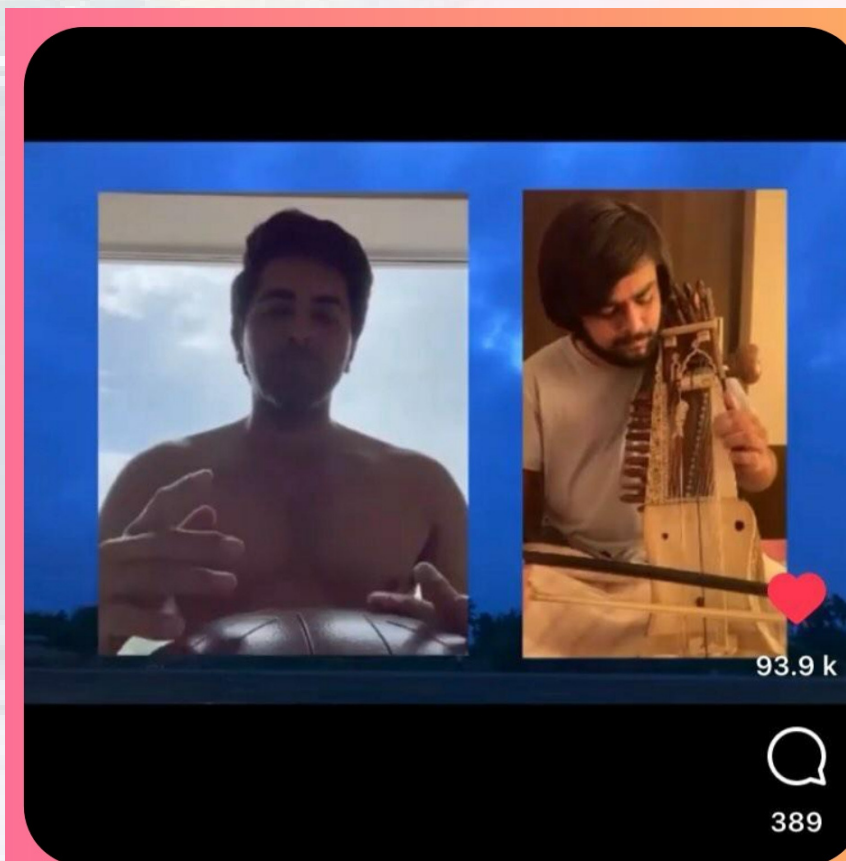
Sanket Khandekar

VOCALS RECORDED AT

The Audio Guys (TAG) Institut

SONGS MIXED AND MASTER BY

Anupam Sathe



"A low-carbon, clean energy economy can be an engine of growth for decades to come".

- *Barack Obama*

"Renewable energy is a clear winner when it comes to boosting the economy and creating jobs".

- *Tom Steyer*

"We should not just consume hydrocarbon fuel but use it to develop nuclear energy, hydro power and renewable energy sources".

- *Vladimir Putin*

વી.વી.પી. એન્જીનીયરીંગ કોલેજના વિદ્યાર્થીઓ માટેની પ્રતિજ્ઞા



પ્રિન્સીપાલ - ડો. જયેશ દેશકર દ્વારા રચિત....

राष्ट्राय स्वाहा इदं न मम ।



V.V.P. ENGINEERING COLLEGE

***Virda-Vajdi, Opp. Motel the Village, Kalawad Road,
Rajkot-360 005.
GUJARAT (INDIA)***

***Email : vvpedulink@gmail.com
Website : www.vvpedulink.ac.in***

<https://m.facebook.com/102525886753276/>



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Editorial Board :-

Miraj K. Purohit

Nishit A. Parmar

Rahul G. Vaidya