

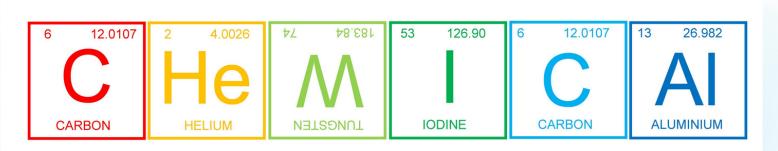


V.V.P.

ENGINEERING COLLEGE

AICTE Approved & Affiliated to GTU, Ahmedabad

July-Dec 2022-Vol. 9

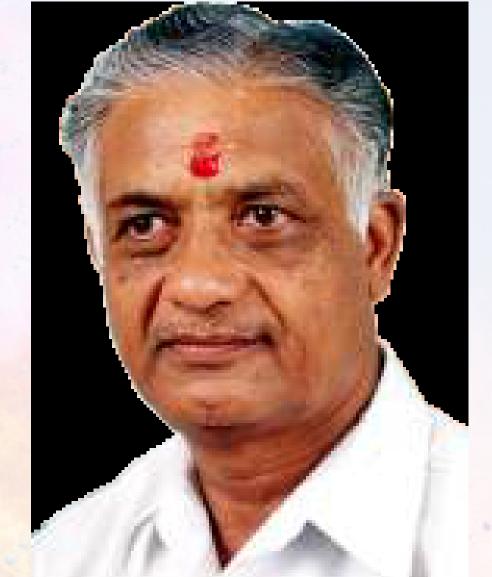


ENGINEERING DEPARTMENT





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.

V.V.P. Engineering College, Rajkot

Message from Principal





Dr. Tejas Patalia

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 Pratishthan (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. Engineeering College keeps no stone upturned 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

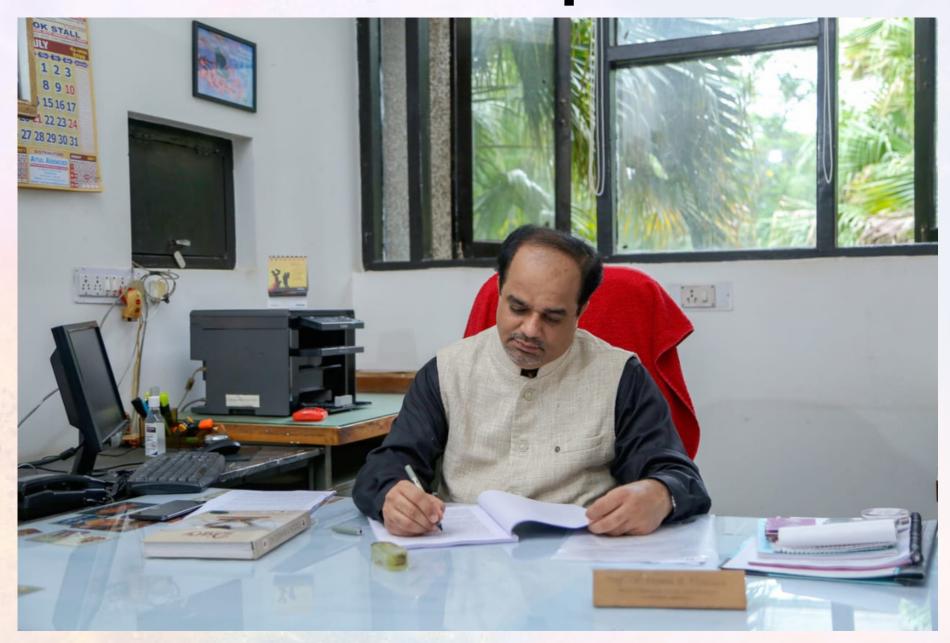
To be an exemplary institute, transforming students into competent professionals with human values.

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 extracurricular 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)

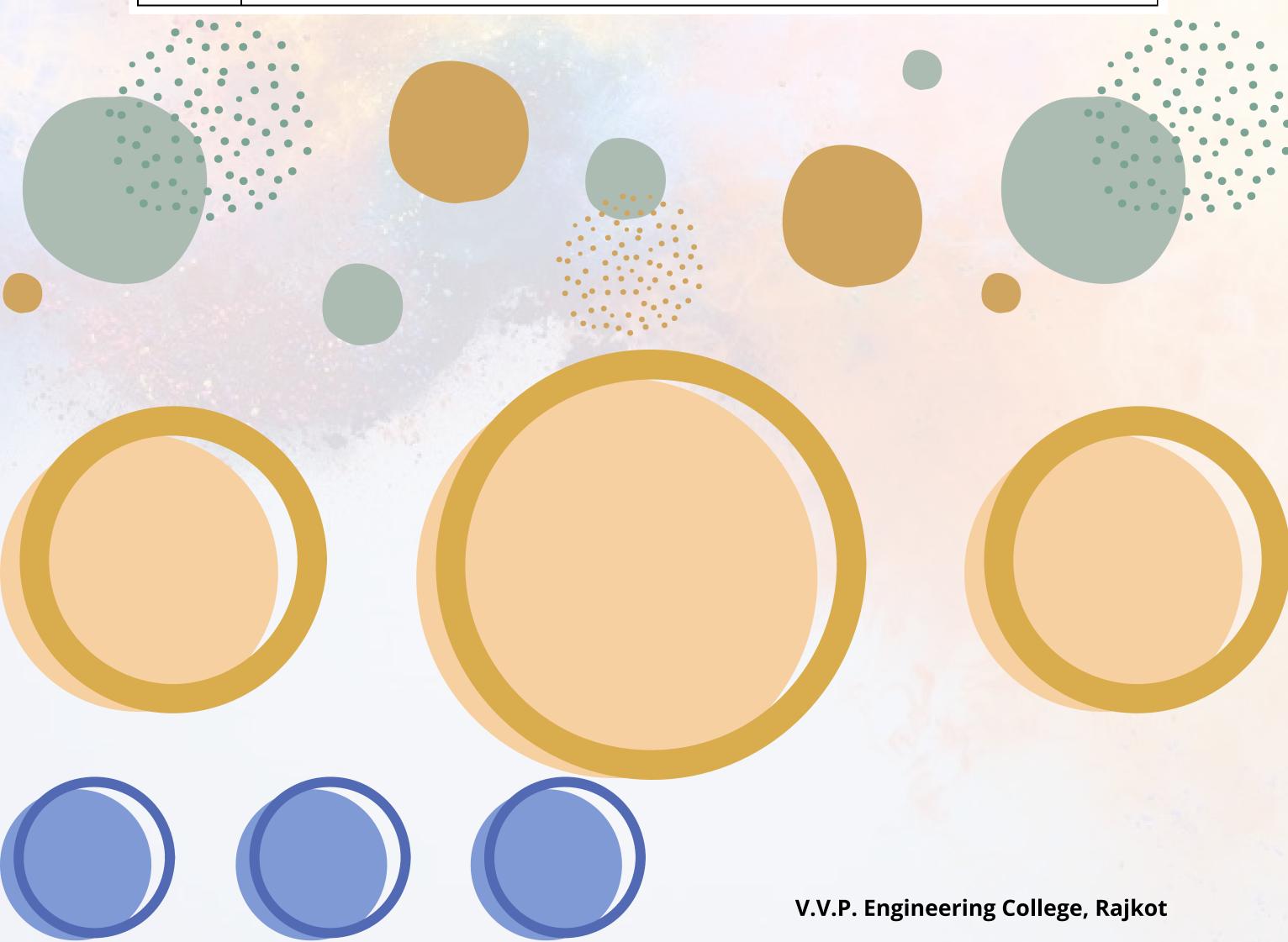
On successful completion of program, graduates will be able to:

- 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.	Contents
No.	
1	Placement & Result
2	Departmental Achievements
3	Departmental Activities (Expert Lectures, Skill Development Programmes, Alumni Interactions, Parents Meeting, Industrial Visits, Mock Interview)



GLIMPSES OF PLACEMENT 2022



V. V. P. Engineering College - Rajkot

Chemical Engineering Department

Placement - 2022



Shubham Sakhreliya TATA



Yogi 9 TATA TATA CONSULTANCY SERVICES

Parth



Sinsinwar 1 TATA

Lata



Nikhil Bhundiya



Hardik Vekariya



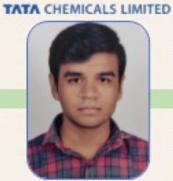
Krish Patel



Jay Rever



Venil Javiya



Bhautik Kothari



Naimish Thaker



Jayrajsinh Jadeja



Kaushal Lunagariya



Mohit Lathiya



Abhisekh Badrakiya



Dhruv Pokal



Smit Javiya



Rajveersinh Parmar



Pratipalsinh Solanki



Nakum Kaushik

PRIME

EPP Composites Pvt. Ltd.



EPP Composites Pvt. Ltd.









Divya Parmar EPP Composites Pvt. Ltd.

Mihir Khunt Zydus

Keval Menpara Zydus



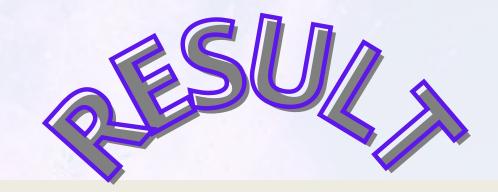


Aakash



Harshit Bhojani Infosys'









V.V.P Engineering College, Rajkot Chemical Engineering Department

Congratulations...!



For Featuring in GTU Top 10 in Chemical Engineering





SHINGALA AVIN SPI:-10



7th Rank

YOGI PARTH SPI:-10



9th Rank

JOBANPUTRA JAY SPI:- 10



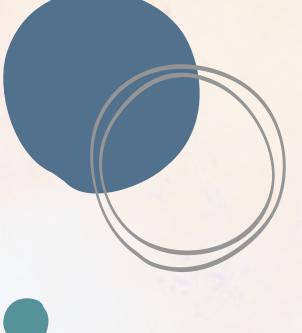
8 Semester Students

Jobanputra Jay is the probable 11thGold Medalist in Chemical Engineering Department



Mr. Kevin Nakrani secured 5th Rank in Semester 4th Exam





Ms. Cherish Savsani (3 Sem Student)

- Selected in GTU Volleyball Team for National Level Volleyball Tournament (AIU)
- Secured 2nd(Runners Up) position in GTU Interzonal Basketball Tournament



Mr. Bhumit Hansaliya (5thSem Student)

- Participated in Chess Tournament at GTU Interzonal Level
- Selected in V.V.P. College Team for Interzonal Tournament and achieved 2nd(Runners Up) position.



- Dr. Darshana T. Bhatti is GTU recognized Ph.D. supervisor from 08/10/22.
- Dr. Darshana Bhatti has Successfully completed 4 months Swayam course entitled "Basics of environmental engineering and pollution abatement" with 82% and secured silver medal on 10/11/22.
- Dr. Darshana Bhatti has published review paper in International Conference at GTU Chandkheda -GTU ICON 2022 on "Recent Advancement In Novel Green Coagulants For Water And Wastewater Treatment" during September 2022.



Dr. Darshana T. Bhatti Assistant Professor

National Library week- 14/11/22 to 21/11/22

For Best Library User Award

• Mr. Bhumit Hansaliya from 5th Semester secured 1st position in the department

and 10 position at College Level

• Ms. Rita Saparia secured 1 position among all college staff members.



STUDENTS PARTICIPATION AND ACHIEVEMENTS

Name of Event	No. of students	Date	Name of students in special cases
Chemaze	126	28/9/2022	NA
Sanshodhan	107	28/9/2022	NA

Name of Event	No. of students	Date	Winner/Ranks if any
Technothon-22_Gully Cricket	82	28/09/2022	
VVP Spirit Indoor 2022_Table Tennis	17 Boys + 1 Girl	7 & 8 Oct. 2022	
VVP Spirit Indoor 2022_Chess	23 Boys	7 & 8 Oct. 2022	
VVP Spirit Indoor 2022_Carom	64 Boys	7 & 8 Oct. 2022	
VVP Spirit Indoor 2022_Badminton	24 Boys + 1 Girl	7 & 8 Oct. 2022	
VVP Spirit Indoor 2022_Table Tennis	Savsani Cherish (3rd Sem)	7 & 8 Oct. 2022	1st Rank
VVP Spirit Indoor 2022_Badminton	Savsani Cherish (3rd Sem)	7 & 8 Oct. 2022	1st Rank
GTU Inter Zonal Basketball Tournament	Savsani Cherish (3rd Sem)	23/10/2022	2nd Rank
All India University Volleyball	Savsani Cherish (3rd Sem)		
	Hansaliya Bhumit (5th		
GTU Inter Zonal Chess Tournament	Sem)	05/09/2022	2nd Rank
	Hansaliya Bhumit (5th		1st Rank in
Best Library User Award	Sem)	21/11/2022	Department
	Hansaliya Bhumit (5th		10th Rank in
	Sem)	21/11/2022	College
GTU Zonal Youth Exchange Program			
Kshitij-2022 - Debate LTIET	Vasani Hetang (7th Sem)	16/9/2022	2nd
GTU Zonal Youth Exchange Program			
Kshitij-2022 - Quiz - LTIET	Vasani Hetang (7th Sem)	16/9/2022	3rd
Interzonal State Level -Xitij -Quiz- Sal			
Education A'Bad	Vasani Hetang (7th Sem)	14/10/2022	2nd
Interzonal State Level -Xitij -Debate- Sal			
Education A'Bad	Vasani Hetang (7th Sem)	15/10/2022	
GTU Zonal Youth Exchange Program			
Kshitij-2022 - Indian Group Song (Music)	Sidpara Mahek (7th Sem)	16/9/2022	1st
GTU Zonal Youth Exchange Program			
Kshitij-2022 - Indian Group Song			
(Western Music)	Sidpara Mahek (7th Sem)	16/9/2022	1st
GTU interZonal Youth Exchange			
Program Kshitij-2022 - Indian Group	0.1	1.4/10/2020	
Song	Sidpara Mahek (7th Sem)	14/10/2022	
GTU interzonal Youth Exchange	Dalas da la la Cara	1,4/00/0000	On all and all
Program Kshitij-2022 - Group Dance	Rahod Jatin (5th Sem)	14/09/2022	2nd rank
NICC IDC Carata	Debag Latin /545 Com	1 to 16 Oct	Oral results
NCC IDC Camp	Rahod Jatin (5th Sem)	2022	3rd rank



STUDENTS PARTICIPATION AND ACHIEVEMENTS IN TECHNICAL EVENTS

Event	Student Name	Rank
	Miraj Purohit	1 st
	Hardik Makvana	1st
	Sohankumar Vaghasiya	2nd
	Rohit Chanpa	2nd
	Rahul Solanki	3rd
VVP Technothon-22_Chemaze	Bharat Kanzariya	3rd
	Meet P. Gandha	1st
VVP Technothon-	Sohankumar Vaghasiya	1st
22_Sanshodhan	Dev Rameshbhai Thoria	2nd
	Achyut Rupareliya	1st
	Topiya Anand	1st
	Jatin Rathod	2nd
	Kartik Bopaliya	2nd
	Jaydeep Kamani	3rd
	Yash Bhalodiya	3rd
VVP Technothon-22_Dejavu	Dhara Tuvar	3rd

FACULTY PARTICIPATION

Name of faculty	Date	Title	Remarks
Dr. Piyush B. Vanzara	11/07/2022 to 15/07/2022	Sustainable Manufacturing Management	ISTE Approved One-week Online FDP organised by Dept of Chemical & Civil Engineering, DYPIEMR, Akurdi Pune
Dr. Piyush B. Vanzara	20-07-2022	NDLI User Awareness Program	Organized by VVP Engineering College
Dr. Piyush B. Vanzara	19-07-2022	Ways to make Students Industry ready	Organised by TCS at VVP Engineering College
Dr. Piyush B. Vanzara	05/09/2022 to 09/09/2022	Essential Industrial Chemistry for Engineers	Conducted by Dept. of Applied Science, NITTTR, Chandigarh, MOE, GOI, AICTE Recognized Faculty Development Programme
Dr. Piyush B. Vanzara	4/08/200 to 06/08/2022	Next Generation of STEM Scientists (NGSS- 2022)	Organised by Marwadi University, Rajkot in collaboration with Universities of USA
Dr. Piyush B. Vanzara	12/09/2022 to 17/09/2022	Smart Wate Management SWM 2022	FDP Organised by SRM Institute of Science and Technology, Kattankulathur, Tamilnadu
Dr. Vyomesh M. Parsana	05/09/2022 to 09/09/2022	Essential Industrial Chemistry for Engineers	A ICTE Recognized Faculty Development Programme
Dr S S Korgaokar	05/09/2022 to 09/09/2022	Essential Industrial Chemistry for Engineers	A ICTE Recognized Faculty Development Programme
Dr S S Korgaokar	19/05/2022- 20/05/2022	International conference on emerging trends and contemporary practices 2022	Atmiya University, Rajkot

Departmental Achievements FROULTY PARTICIPATION

Dr \$ \$ Korgaokar	11/07/2022 to 15/07/2022	Sustainable Manufacturing Management	ISTE Approved One-week Online FDP organised by Dept of Chemical & Civil Engineering, DYPIEMR, Akurdi Pune
Dr S S Korgaokar	19-07-2022	Ways to make Students Industry ready	Organised by TCS at VVP Engineering College
Dr S S Korgaokar	4/08/200 to 06/08/2022	Next Generation of STEM Scientists (NGSS- 2022)	Organised by Marwadi University, Rajkot in collaboration with Universities of USA
Dr. Darshana Bhatti	05/09/2022 to 09/09/2022	Essential Industrial Chemistry for Engineers	A ICTE Recognized Faculty Development Programme
Dr. Darshana Bhatti	12th - 16th October 2022	Sustainable Technologies and Application of Computational Software (STACS-2022)	STTP
Dr. Darshana Bhatti	July- October- 2022	Swayam course-Basic Environmental Engineering and Pollution Abatement	FDP/Swayam NPTEL course of 12 weeks with silver medal (82%)
Jilesh M. Pandya	05/09/2022 to 09/09/2022	Essential Industrial Chemistry for Engineers	A ICTE Recognized Faculty Development Programme
Ajinkya M. Patwardhan	05/09/2022 to 09/09/2022	Essential Industrial Chemistry for Engineers	Conducted by Dept. of Applied Science, NITTTR, Chandigarh, MOE, GOI, AICTE Recognized Faculty Development Programme
Ajinkya M. Patwardhan	11/07/2022 to 15/07/2022	Sustainable Manufacturing Management	ISTE Approved One-week Online FDP organised by Dept of Chemical & Civil Engineering, DYPIEMR, Akurdi Pune
Ajinkya M. Patwardhan	20-07-2022	NDLI User Awareness Program	Organised by VVP Engineering College
Ajinkya M. Patwardhan	19-07-2022	Ways to make Students Industry ready	Organised by TCS at VVP Engineering College
Priyank Khirsariya	05/09/2022 to 09/09/2022	Essential Industrial Chemistry for Engineers	A ICTE Recognized Faculty Development Programme
Priyank Khirsariya	07-08-2022	Mendeley for Research	
Pratik Koradiya	05/09/2022 to 09/09/2022	Essential Industrial Chemistry for Engineers	A ICTE Recognized Faculty Development Programme
Vijay K. Mehta	05/09/2022 to 09/09/2022	Essential Industrial Chemistry for Engineers	A ICTE Recognized Faculty Development Programme
Rita N .Saparia	05/09/2022 to 09/09/2022	Essential Industrial Chemistry for Engineers	A ICTE Recognized Faculty Development Programme
Nayan D.Vaishnani	05/09/2022 to 09/09/2022	Essential Industrial Chemistry for Engineers	A ICTE Recognized Faculty Development Programme
Rahul G. Vaidya	05/09/2022 to 09/09/2022	Essential Industrial Chemistry for Engineers	AICTE Recognized Faculty Development Programme

Faculty Paper Publication/Presentation

Name of Faculty	Other Authors	Title	Journal (Month & Year) / Conference (Date)
Dr. Piyush B. Vanzara	Richa Modi, Ashish R. Kavaiya, Hiren D. RAval	Membranes in Zero-Liquid- Discharge Systems for Efficient Process towards Sustainable Environment: A review.	Journal of Environmental Engineering, ASCE, 0733- 9372, August 2022
Dr. Darshana Bhatti	Shyam Mandaliya	Recent Advancement in Novel Green Coagulants for Water and Wastewater Treatment	20-23 September 2022
Priyank Khirsariya	Dr. Vyomesh Parsana	Review on Modelling and Experimental Measurement of Vapour-Liquid Equilibrium data of System Comprising Green Solvents	Advanced Research Techniques in Chemical Engineering, Organised by Department of Chemical Engineering
Pratiik Koradiya		Forward Osmosis an Emerging Technique for Oil-Water Separation	Sarvajanik College of Engineering & Technology, SARVAJANIK UNIVERSITY, SURAT, Gujarat on 22-23 December, 2022

વીવીપી ઈજનેરી કોલેજના વિદ્યાર્થીની સિધ્ધિ



(સૌરાષ્ટ્ર કાંતી કાર્યાલય-રાજકોટ) રાજકોટ, તા.૧૪ વીવીપી એન્જિનિયરિંગ કોલેજમાં અભ્યાસ કરતા વિદ્યાર્થી મીત

ગંધાએ બીઈ કરતા કરતા અમેરિકા ની AIChE (અમેરીકન ઇન્સ્ટીટયુટ ઓક કે મિકલ્સ એન્જીનિયર્સ) એકે ડમીના સેક્ટી વિષય પરના



ઓનલાઇન ૩૩ કોર્પીસ સફળાતાપૂર્વક પૂરા કર્યા છે.

કે મિકલ એન્જિનિયરિંગ વિભાગના કાઇનલ યરના વિદ્યાર્થી મીત

અમેરિકન ઈન્સ્ટીટચુટમાં ઓનલાઈન ૩૩ કોર્ષ સફળતાપૂર્વક પૂર્ણ કર્યા

ગંધા દ્વારા વગેરે જેવા સેક્ટીના વિષયો પરના કોર્સની આખી સિરીઝ પૂર્લ કરી છે. જે બદલ વી.વી.પી.ના મેનેજીંગ ઢૂસ્ટી લિલતભાઈ મહેતા, ઢૂસ્ટી કીશિકભાઈ શુકલ, ડો. સંજીવભાઈ ઓઝા, હર્પલભાઈ મણિયાર,ડો. નરેન્દ્રભાઈ દવે તથા ઇન્ચાર્જ આચાર્ય ડો. તેજસભાઈ પાટલીયા, કેમિકલ વિભાગીય વડા ડો. પિયુપભાઇ વણઝારા તેમજ તમામ કર્મચારીઓ એ અભિનંદન સાથે શુભેચ્છા પાઠવી છે.



MOU SIGNED BETWEEN CHEMICAL ENGINEERING DEPARTMENT OF VVP ENGINEERING COLLEGE RAJKOT AND DIFFERENT INDUSTRIES

Name of Company	MOU details		
U-fresh milk and food products pvt ltd.	industrial visit, project guidance		
Sugam Polytech Pvt Ltd	industrial visit and training, guest lectures, placement of trained students		
Megpie Chemicals	industrial visit and training, guest lectures, placement of trained students		
Sarthi Chem Pvt Ltd	industrial visit and training, guest lectures, placement of trained students		
Giriraj Milk Products Pvt Itd	industrial visit and training, guest lectures, placement of trained students		
Ashutosh Rubber Pvt Ltd	industrial visit and training, guest lectures, placement of trained students		
Royal Packaging Rajkot	industrial visit and training, guest lectures, placement of trained students		
Riston Paper Mill Pvt Ltd	industrial visit and training, guest lectures, placement of trained students		
Rhodium Master	industrial visit and training, guest lectures, placement of trained students		
EPP Composites Pvt Ltd	industrial visit and training, guest lectures, placement of trained students		

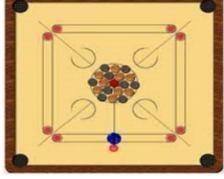


VVP Engineering College Winners of Indoor Sports Festival – Spirit Indoor 2022



Sr. No.	Game	Champion	Runners-up
1	Chess Boys	Hiren Solanki (IT)	Viral Devmurari (IT)
2	Chess Girls	Rutika Sonaiya (IT)	Charmi Bhatt (Elect)
3	Carrom Boys	Mohil Makwana (Elect)	Nileshkumar Sosa (Elect)
		Mitesh Parmar (Elect)	Rasik Parmar (Elect)
4	Carrom Girls	Tanna Bansi (Elect)	Jani Vaibhavi (IT)
-	Carroin Giris	Mendpara Avani (Civil)	Aditi Soni (BT)
5	Badminton Boys	Rutvikrajsinh Jadeja (Elect)	Dhairya Kantariya (Mech)
6	Badminton Girls	Cherish Savsani (Chem)	Trisha Doshi (IT)
7	Table Tennis Boys	Neel Ruparel (BT)	Faliya Deep (Elect)
8	Table Tennis Girls	Cherish Savsani (Chem)	Palak Sangani (IT)









Expert Lectures

Carrier Orientation programme by Mr. Rajendra Kakkad (DGM, Nayara Energy Limited, Refinery Site, Jamnagar Okha Highway, Vadinar)



On 9 September 2022, Mr. Rajendra Kakkad guided students of 1 Year (all branches) regarding career opportunities after under graduation in engineering. Mr. Kakkad explained the important features of Refinery sector to the benefitters. He gave an overview of pursuing jobs in different sectors of refinery worldwide. At the end of the session, satisfactory answers were given to the students which will help them in their future endeavours. The programme was coordinated by Dr. S.S. Korgaokar.



Expert Lectures

Introduction to Safety Valves and Flare Systems by Mr.

Dineshchandra Patel



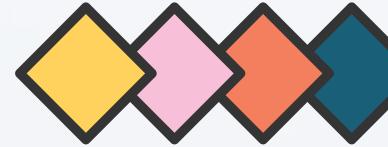
An interactive session on "Introduction to Safety Valves and Flare System" was conducted for students by Mr. Dineshchandra Patel who is a Deputy GM (Process) in Nayara Energy Limited, Jamnagar on 9th September 2022. Mr. Dineshchandra Patel is a proud alumni of 2002-06 batch of our Chemical Engineering Department. He has many years of experience of working in this field. This was truly an excellent knowledge-based session for the students on Safety Valves and Flare Systems. Mr. Dineshchandra Patel explained different aspects of Safety valves like its types, working, design, criteria of selection etc. He also shared one animation video about working of safety valves. Such lectures will help our students a lot for increasing their knowledge on safety valves and flare systems. The session was coordinated by Dr. Sushil S. Korgaokar.

V.V.P. Engineering College, Rajkot

Cleaner Production: Success Stories and the Challenges by Mr. Bharat Jain



An excellent session on "Cleaner Production: Success Stories and the Challenges" was conducted for students by Mr. Bharat Jain who is a Member Secretary in Gujarat Cleaner Production Centre (GCPC) on 29 September 2022. GCPC is actively engaged in the promotion of Cleaner Production (CP)/Clean Technology (CT) through its various activities such as orientation/awareness programmes, CP/CT Assessment Projects etc. The objective of organizing the programme is to strengthen the skills of students, to make students aware about the environmental issues, pollution prevention at source and best available technologies for pollution prevention. The programme was based on Cleaner Production Promotion Programme under the topic of "Cleaner **Production: Success Stories and the Challenges". The programme** include presentation of CP concept, Tools, Methodology and Success stories of CP Implementation etc. The session was coordinated by Dr. Darshana T.Bhatti.

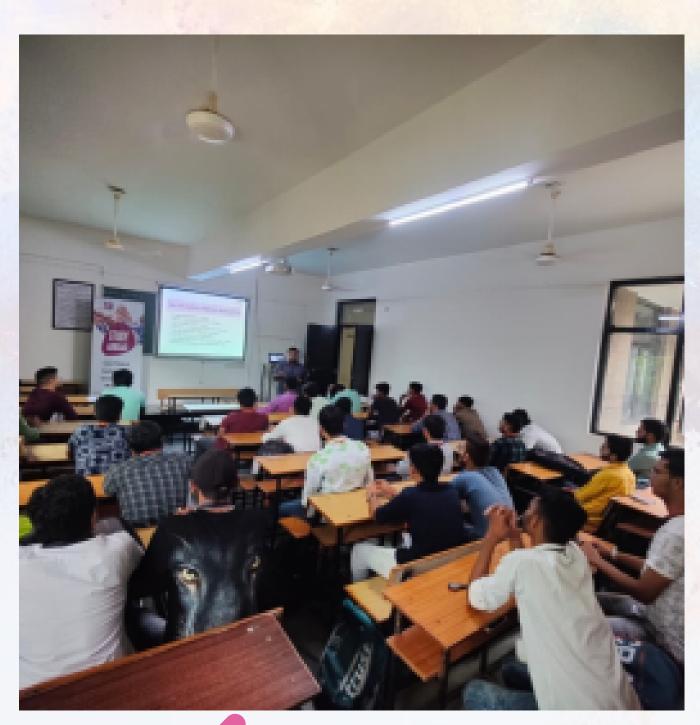


Expert LecturesHigher study guidance (Abroad Study) by Mr. Atanu Majhi



Mr. Atanu Majhi from VIEC, Rajkot conducted expert session on "Higher study guidance (Abroad Study)" for 5th Semester and 7thSemester Chemical Engineering and **Biotechnology Students.**

information regarding Mr. **Atanu** provided requirements from various countries such as IELTS (International English Language Testing System), GRE (Graduate Record Examinations), GMAT (Graduate **Management Admission Test) and various languages** needed. The organisation also helps in processing Visa application for different countries. This session was coordinated by Mr. Priyank Khirasariya.





Expert Lectures

Why study in Abroad? by Ms. Janvi Maradia (Founder of El Manana Foreign Languages)

Ms. Janvi Maradia conducted expert session on "Why study in Abroad?" for 3 Semester Students of Chemical, Electrical, Electronic and Communication and Civil Engineering.

Ms. Janvi Maradia introduced about El Manana Foreign Languages Rajkot. She highlighted below points regarding abroad study.

- · Possibilities for Pursuing a Bachelor's OR Master's Degree in Abroad
- · How to choose a country to study abroad?
- Why to choose Europe for study?
- Why to choose Germany?
- · Tourist Places
- Why Germany provides free education?
- · Comparison between USA, Canada and Germany
- · Difference between the Indian and German education systems
- · Requirements for admission in Germany
- · Why to learn German?
- · Duration of each module of German Language
- Advantages of learning B1 and B2
- · TU9 Universities
- University of Applied Sciences
- Best Universities for specific branches
- · MNCs in Germany
- · How Much Does it Cost to Study in Germany?
- · What is blocked account in Germany?
- · What is the EU Blue card?
- · Requirements for EU blue card
- · Requirements for PR in Germany
- · What is Schengen Visa?
- Minimum wages and student Jobs
- · The gross annual average salary of the top professions in Germany.







Skill Development Programme



Chemical Engineering department organized a Skill Development Program on "Computational tools for Chemical Engineers" from 18 July 2022- 22 July 2022 for 7 sem students. Computational tools are used for process monitoring, optimization and conceptual design especially by chemical process industries. In this course, Use of Ms-Excel, Polymath, MATLAB, and GAMS in chemical engineering problem with solutions were demonstrated which would be helpful for students, teachers, engineers and researchers in the area of R&D and Plant Design/Operation. This programme was coordinated by Mr. Priyank D.Khirsariya.



V.V.P. Engineering College, Rajkot

Skill Development Programme



Chemical Engineering department organized a Skill Development Program on "Energy Audit" from 27th July 2022- 1st August 2022 for 5th sem students. In the first session, Dr. Dipesh Kundaliya explained the basic aspects of Energy Audit and Energy management. Along with that, he also demonstrated the working of Energy Audit instruments such as flow meter, Lux meter and thermal Imager. In the second session, Mr. Rahul Vaidya explained about the performance evaluation of Boilers, Furnaces, Cooling Towers and Heat Exchangers. He also demonstrated the Energy Audit instruments such as stack monitoring Flue gas Analyser, Thermal Imager, Ultrasonic Flowmeter and Power meter. Dr. Alpesh Adesara who is a Associate Professor and Head of the Electrical Engineering Department delivered a session on 'Energy Efficiency in Electrical Utilities' and explained about the basics of Energy. Along with that, he has given number of daily life examples that how to save the energy to enhance the performance of electrical utilities. In the last session, Chemical Students visited Rajkot Dairy Cooperative Milk Producer's Union Ltd accompanied by Mr. Rahul G Vaidya. Students observed pasteurization unit, storage and handling, packing sections based on different types of milk. This programme was coordinated by Mr. Rahul G. Vaidya.



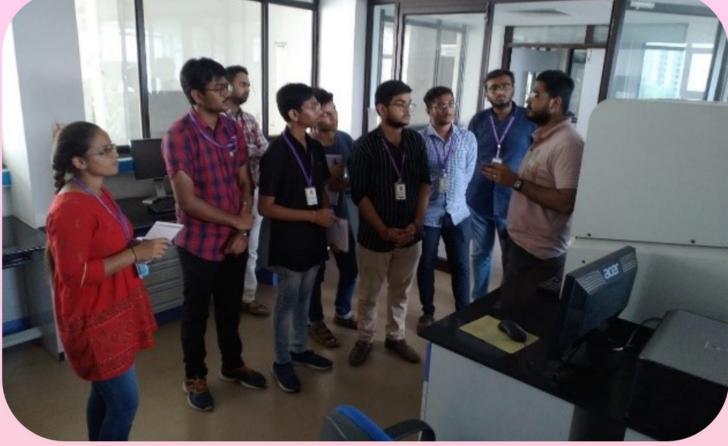
Skill Development Programme



Chemical Engineering department organized a Skill Development Program from 19th September 2022- 22nd September 2022 for 3nd sem students. A common challenge for chemical engineering graduate students is a lacking of basic knowledge in analytical chemistry techniques. To overcome this challenge, a skill development Program on "*Use of analytical chemistry for chemical Engineers*" was developed. The topics covered in the course included chromatography, mass spectrometry and X-ray diffraction (XRD) for material characterization. The session was the combination of theory of analytical techniques and demonstration of instruments to aid students in understanding the application of common analytical methods.

Students had visited Center of Excellence in Drug Discovery, NFDD Complex, Department of Chemistry, Saurashtra University and Smt. M.N. Virani science college, Rajkot. This programme was coordinated by Dr. S.S.Korgaokar.











Mr. Harsh Kapuriya (2018) gave an expert talk on 'How to face Interview ' [Engineer, Aditya Birla Group of Industries]



Mr. Harsh Kapuriya, alumni of 2018, Chemical Engineering Department of V.V.P. Engineering College, Rajkot interacted with the students of 7thSemester. Mr. Jilesh Pandya who is an Assistant Professor, coordinated this interactive session. He also introduced the speaker to the students.

He joined Aditya Birla group in 2020 as a shift engineer and is currently working as an engineer in Aditya Birla group.

He gave students an in-depth description of the interview process. He also demonstrated the interview during his discussion so that students could understand the environment of the interview. During this session, students asked few questions and got their queries solved.

V.V.P. Engineering College, Rajkot



Mr. Govind Bandhiya (2016) gave an expert talk on 'Process Simulator: Aspen Hysys' [Consultant, IZZI Pvt Ltd.,Jamanagar]



Mr.Govind Bandhiya, alumni of 2016, Chemical Engineering Department of V.V.P. Engineering College, Rajkot interacted online with the students of 7 Semester through google meet platfom. At beginning, Mr. Shrey Choksi introduced our alumni to the students. Mr. Govind Bandhiya is a Consultant in IZZI Pvt Ltd., Jamanagar. He has 5+ years of consulting experience in Oil and Gas Services like modelling of Steady State Process Simulation, Refinery Planning, Scheduling & Blending processes, Manufacturing Execution Systems and Big Data Analytics system.

During session, Mr.Bandhiya explained the fundamentals of process simulation and also gave guidance on selection of fluid packages in process simulators. He showed the case study of the refrigeration cycle with the help of Aspen Hysys. The session was followed by a response to queries.

At the end of the session, he guided and inspired students to use simulators. Mr. Bandhiya asked students about their ambition and their plan for the future, and it was noted that most students are looking for a job in good company.





Mr. Anshuman Pathak (2020) gave an expert talk on 'Company Etiquettes'

[Sr. Manager, Reliance Industries Limited, Jamnagar]

Mr. Anshuman Pathak, alumni of 2000, Chemical Engineering Department of V.V.P. Engineering College, Rajkot interacted with the students of 7 Semester. Prof. Piyush Vanzara – Professor & Head, Dr. Sushil Korgaokar – Assistant Professor coordinated this interaction session.

Mr. Anshuman Pathak joined Reliance in 2001 in the domain of energy and infrastructure. He is currently working as a senior manager in Reliance Industries Limited, Jamnagar.

Mr. Pathak explained students how they should plan their future and what options they have after Chemical engineering. He also conveyed the company etiquettes and the working culture in multi-national companies.



V.V.P. Engineering College, Rajkot



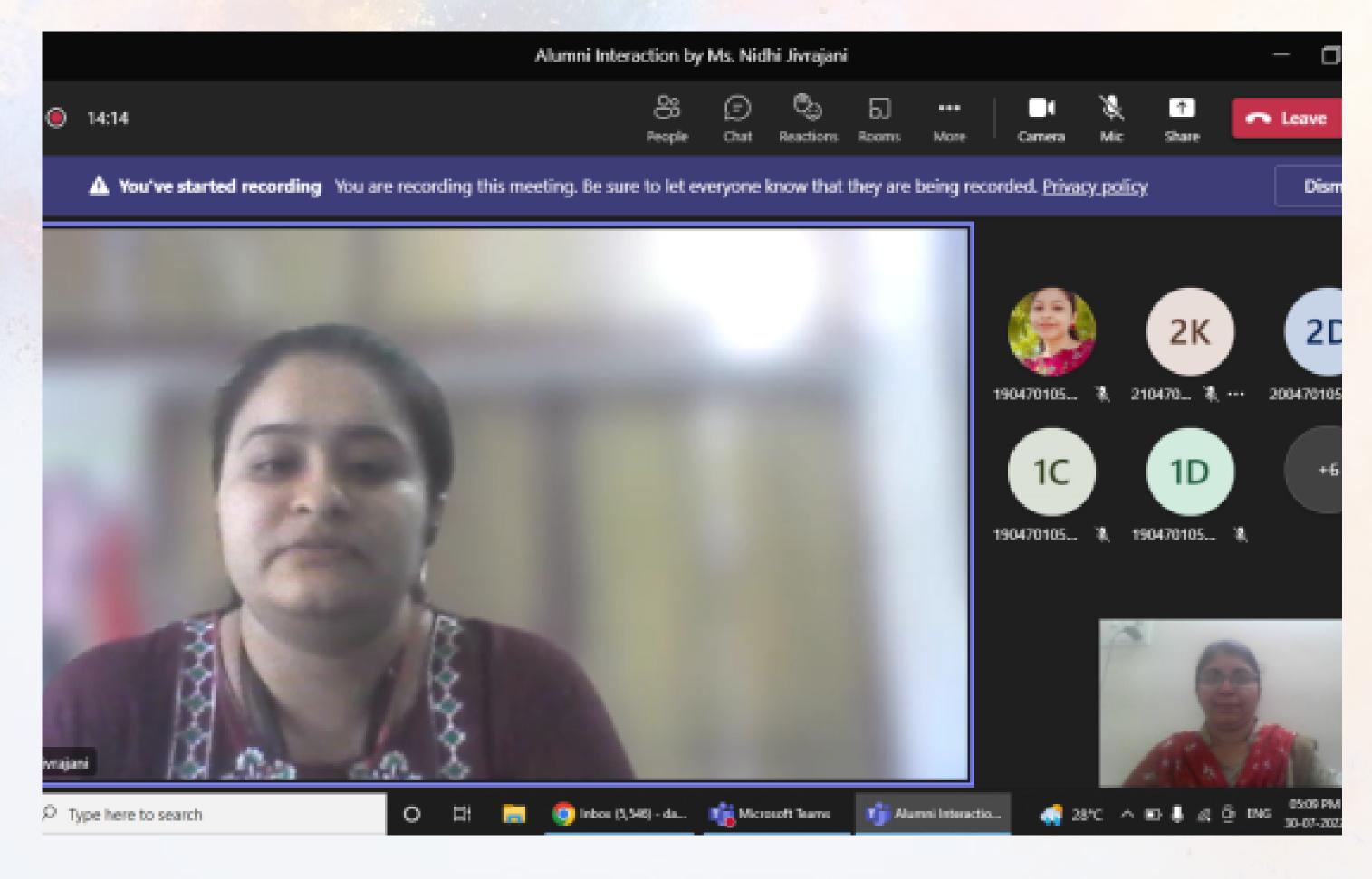
Mrs. Nidhi Jivrajani Davda (2019 Alumni) gave an expert talk on 'Campus to corporate/field'

[Associate consultant in the utility domain for Infosys]

Nidhi Jivrajani, alumni of 2019, Chemical Engineering Department of V.V.P. Engineering College, Rajkot interacted with the students of 5 and 7 Semester. Prof. Darshana Bhatti – Assistant Professor has coordinated this interaction session and Ms. Himani Revrani, student of 5th semester chemical engineering has done anchoring of this session.

Nidhi Jivrajani Chemical engineering student was passed out in 2019. After that she did MBA from SPM, PDEU Gandhinagar in the domain of energy and infrastructure. She is currently working as an associate consultant in the utility domain for Infosys.

Mrs. Nidhi told students how they should plan their future and what options they have after Chemical engineering. She even told how students can get into MBA and when and how to start preparing for it and what are the benefits of doing it. She told students to be clear about their platform or area of interest and being a Chemical engineering graduate how she got into Infosys because of her skills in her domain.





Ms. Minaz Makhania gave an expert talk on 'Current Industrial Scenario'

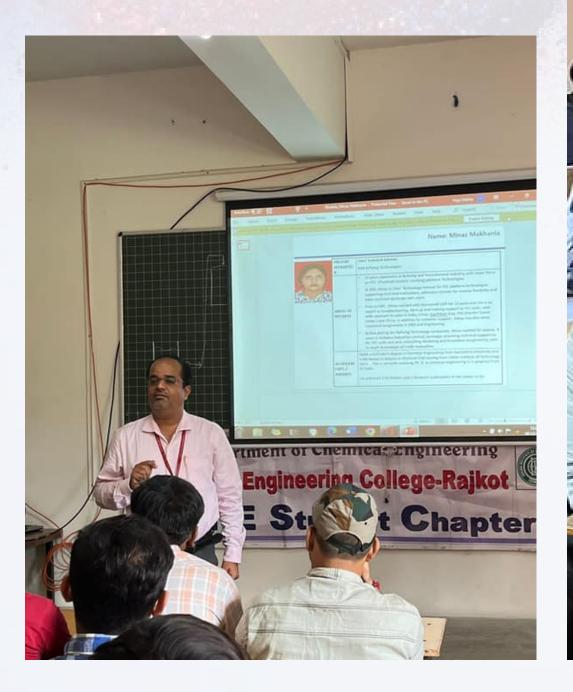
[Chief Technical Advisor- Refining at KBR India]

Ms. Minaz Makhania (Chief Technical Advisor-Refining at KBR India)

Alumni of Batch 2003, enlightened 3 semester Chemical Engineering students about Product Process Design, Manufacturing, Decarbonization, Reuse CO₂ liberated through chimney and other crucial

aspects of Refining Process.







V.V.P. Engineering College, Rajkot

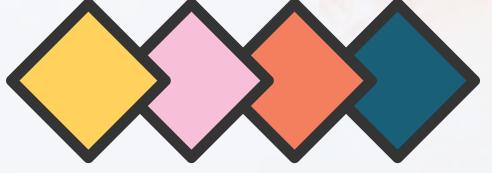
Parents Meeting

The parents meeting was organized by Chemical Engineering Department on Wednesday, 12th November 2022 in P.D.C. auditorium at 9:45 am. Total 32 Parents were present. The main objective of parents meeting was to create a common platform, where teacher and parents come together to enrich the student's educational experiences and discuss variety of issues, regarding overall development of students.

After this, parents met the individual faculty members where they have discussed about the academic performance of the students like class attendance, marks in mid semester and overall discipline in the department. The programme was coordinated by Mr. Priyank Khirsariya.



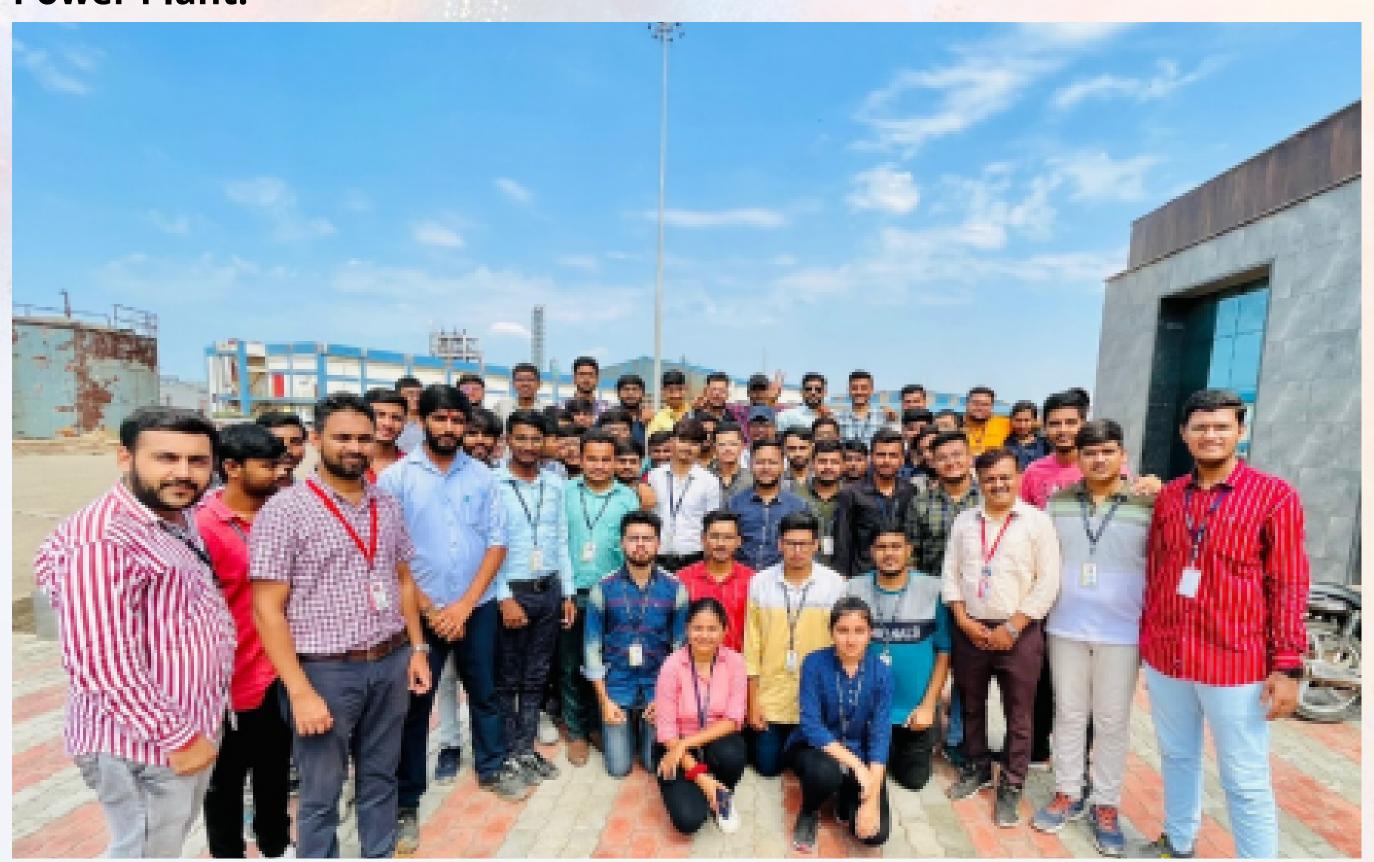




Chemical Engineering Department organizes regular industrial visits for students in order to upgrade their students with recent updates in chemical industries and make them familiar with new modern techniques engaged in the industries. Our Students have visited reputed Chemical industries, which helped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

Visit to Kutch Chemicals Industries Ltd., Kutch

On 30 September 2022, 7 Sem chemical engineering students visited Kutch Chemical Industries Pvt Ltd., Gandhidham. Department staff members Mr. Ajinkya Patwardhan and Ms. Rita Shaparia have accompanied students 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. The tour mainly comprised of two major plants that were Caustic Soda Plant and the Power Plant.



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

Students of 7 sem Chemical engineering visited Sarathi Chemical Pvt. Ltd., Kuvadva Rajkot on 10/09/2022. Staff member Mrs. Dhara Upadhyay had accompanied students. Students has got exposure to industrial scale equipments and learned about their operations. Mr. Brijesh sir has explained well all processes for Bromine products manufacturing. Sarthi Chem Pvt. Ltd. is one of the leading manufacturer of METHYL BROMIDE which is used for various types of fumigation like commodity fumigation, vessel fumigation and treatment of food processing facilities for rodents and insects.



Visit to Karvy Therapeutics Pvt. Ltd.-Haripar-Rajkot

On 15 October 2022, 5 Sem chemical engineering students visited Karvy Therapeutics Pvt. Ltd.-Haripar-Rajkot. Department staff member Mr. Priyank Khirasariya accompanied students for this visit. The Company is highly experienced in the Halogenation, Bromination, processes Iodination, Nitrosation, Diazotisation, Oxidation Nitration, Sulfonation, Hydrogenation and many more. Manufacturing unit contains the reactor, distillation column ,agitator, motor, gear box, pump, etc. there were 11 reactor and 3 distillation column in this unit and among them almost 9 reactor were in working condition. There were two types of reactor:one was containing stainless steel and other contain glass line in the inner surface. Glass line reactor was used to handle the product containing acid as a raw material.





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

Students of 5th sem Chemical engineering has visited Sarthi chemicals, Rajkot on 10/09/2022. Staff member Mrs. Dhara Upadhyay had accompanied students. The company is India's Global Composite Manufacturer. Sarthi Chem Pvt. Ltd. is one of the leading manufacturer of METHYL BROMIDE which is used for various types of fumigation like commodity fumigation, vessel fumigation and treatment of food processing facilities for rodents and insects. Students has got exposure to industrial scale equipments and learned about their operations. Mr. Brijesh Sorathiya has explained well all processes for manufacturing.

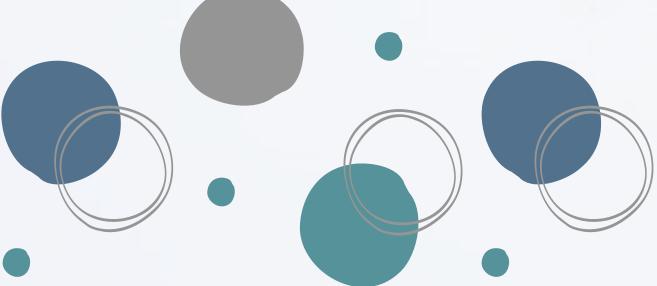


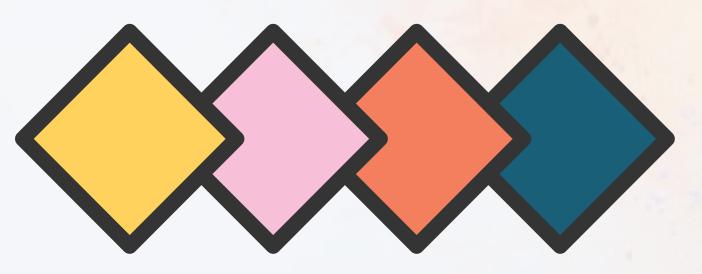
Visit to Rajkot/Gopal Dairy, Rajkot

On 30 July 2022, Chemical Engineering Students of 5 Sem visited Rajkot Dairy run by Rajkot District Cooperative Milk Producers Union Ltd, Sangha Ltd. The students entered the industry with Mr. Nimish Bakshi. He explained whole manufacturing process to students. The students understood that raw milk procured from milk producers' co-op. society (PMPCS) is being transferred to dairy plant through hired vehicles in aluminium/S.S MILK Cans and road milk tankers to packaging section for final product dispatch.

Mr. Rahul G. Vaidya explained about the energy conservation opportunities in Dairy industry such as motor load analysis, Vapor Compression Refrigeration system analysis, Installing Variable Frequency Drive on Motors and Pumps, Lighting, Insulation etc.









On 19 November 2022, Chemical Engineering Students of 3 Sem visited U-Fresh Dairy Metoda, Rajkot. Dr. Darshana Bhatti accompanied students. Gopal Dairy is a dairy unit and has industrial plant for automatic preparation of all milk products like Butter, Butter Milk, Cream Milk, Curd and variety of sweets. It has mixer, dryer, chilling plant, conveyers, Effluent Treatment Plant and packaging section. Ms. Chandani Mehta explained well how different processes are used for large scale production of food products. Students have been served sweets and given parcel of sweets.



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

On 19th November, 2022, Chemical Engineering Students of 3rd Sem visited Balaji Wafers Pvt. Ltd., Metoda, Rajkot. Dr. Darshana Bhatti accompanied the students. Initially the information about the raw materials were given and the process was explained by the guide. The process of making wafers and other products of Balaji were explained in a very interesting manner. After that the students saw the preparation of wafers right from its raw material i.e potatoes. A session of director was arranged in the projector room where the history of Balaji and the overall journey was explained. The director motivated the students by sharing life learning lessons with them and boosted up their confidence. We are thankful to Mr. Avinash Akbari, HR sir for permitting us for this visit.

રાજકોટઃ વી.વી.પી.માં ચોજાશે ગ્રાન્ડ એલ્યુમ્ની મીટ - ૨૦૨૩ ૯૫૦૦ વિદ્યાર્થીઓને પરિવાર સહિત નિમંત્રણ

નવા વર્ષના પ્રથમ દિવસનો સૂર્યોદય વી.વી.પી. ના આંગણે નવીનતમ ઉર્જા લઈને આવશે કે જયારે વી.વી.પી. એન્જીનીયરીંગ કોલેજના સ્થાપના કાળથી કુલ ૨૬ વર્ષોમાં ઉત્તીર્ણ થયેલ વિદ્યાર્થીઓ ફરી વી.વી.પી. સંકુલના અણએ અણને ઊર્જાથી ભરી દેશે.

બહુમાન ધરાવતી અને ભારતની ભોગવશે. 'બેસ્ટ એન્જીનીયરીંગ કોલેજ'' ના છે. આ જ શુભ પ્રસંગે વી.વી.પી. કેમીકલ, ઈન્ફોર્મેશન ટેકનોલોજી, કોમ્પ્યુટર એન્જીનીયરીંગ,

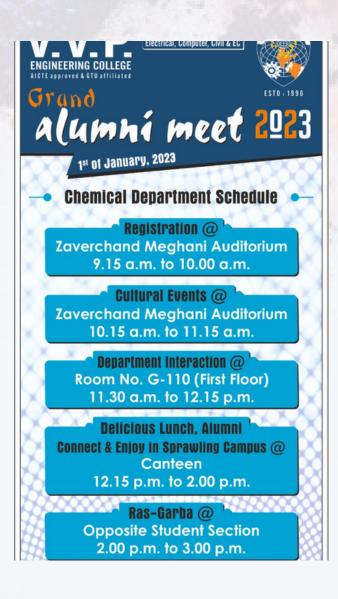
ઈલેક્ટ્રોનીક્સ એન્ડ કોમ્યુનિકેશન, ડીગ્રી ઉતીર્ણ કરેલ પોતાના ૨૬ વર્ષોના ^{છે}. ૯૫૦૦ કરતા વધુ પૂર્વ વિદ્યાર્થીઓને પણ સમગ્ર કાર્યક્રમનું આયોજન સંસ્થાના મેનેજીંગટ્રસ્ટી લલિતભાઈ જણાવાય છે.

નિ:શુલ્ક કરવામાં આવ્યું છે. પૂર્વ મહેતા તથા ટ્રસ્ટીઓ કેોશિકભાઈ સૌરાષ્ટ્ર-કચ્છની સર્વપ્રથમ વિદ્યાર્થીઓ પાસેથી કોઈ રકમ લેવાની શુકલ, હર્ષલભાઈ મણીઆર, ડો. ડીગ્રી એન્જીનીયરીંગ કોલેજ હોવાનું નથી, સંપૂર્ણ ખર્ચ વી.વી.પી. સંજીવભાઈ ઓઝા, ડો. નરેન્દ્રભાઈ દવે તથા આચાર્ય ડો. તેજસ ઉપસ્થિત તમામ પૂર્વ પાટલીયાના માર્ગદર્શન હેઠળ એલ્યુમ્ની રાષ્ટ્રીય એવોર્ડથી સન્માનિત વિદ્યાર્થીઓને સવારનો ચા- નાસ્તો, કમિટિના કન્વીનર ડો. રુપેશ રામાણી, વી.વી.પી. એન્જીનીયરીંગ કોલેજ બપોરનું ભોજન આપવામાં આવશે, કો-કન્વીનર ડો. સ્નેહા પંડયા તથા સંસ્કારલક્ષી ઉચ્ચ શિક્ષણયાત્રાના ૨૫ વિદ્યાર્થીઓ તથા પરિવાર માટે સભ્યો ડો. દર્શના એચ. પટેલ, ડો. વર્ષો ગૌરવભેર પૂર્ણ કર્યા છે અને રજત સાંસ્કૃતિક કાર્યક્રમો તથા રાસ-ગરળાનું જયસુખ એચ. મારકણા, પ્રો. પૂજા જયંતિ ઉત્સવનો આનંદ માણી રહી આયોજન પણ કરવામાં આવ્યું છે. વી. ચાવડા, પ્રો. જીલેશ એમ. પંડયા, રક વર્ષોના યશસ્વી ડો. મોલીક ધામેચા, પ્રો. અનુપ

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એ તારીખ ૧ જાન્યુઆરી, ૨૦૨૩ ઈતિહાસમાં વી.વી.પી. ના વિદ્યાર્થીઓ બુધરાણી, પ્રો. નીર્મલ આર. નાં રોજ મીંકેનીકલ, ઈલેક્ટ્રીકલ, ભારતના ખૂણે ખૂણે ઉપરાંત સમગ્ર ભાલાણી, પ્રો. કીંજલ પી. રાંક, પ્રો. વિશ્વમાં પ્રસરી ચૂકયા છે, વિશ્વની વીજય કે. વ્યાસ, પ્રો. શ્રેયાંસ કે. ખ્યાતનામ બહુરાષ્ટ્રીય કંપનીઓ, ધુલીયા, પ્રો. પ્રતિક કે. કોરડીયા, ડો. રીક્ષણિક સંસ્થાઓમાં ઉચ્ચ પદ પર પ્રવિણ બી. વાઢેલ, પ્રો. આકાશ બાયો ટેકનોલોજી, સીવીલ બિરાજમાન છે, મોટી સંખ્યામાં ચાવડા,રમેશભાઇરાવત, સમીરકે. એન્જીનીયરીંગ અને નેનો વિદ્યાર્થીઓ ઉદ્યોગ સાહસિકો બની કનેયા, નંદન બી. દવે, વીપુલ એચ. ટેકનોલોજીમાં બેચલર અને માસ્ટર વી.વી.પી. નુ નામ રોશન કરી રહયા દવે તથા સમગ્ર કર્મચારીગણ ભારે જહેમત ઉઠાવી રહયા છે.

૧ જાન્યુઆરી, ૨૦૨૩ ના પૂર્વ વિદ્યાર્થીઓને વધુ "ગ્રાન્ડ એલ્યમ્ની મીટ-૨૦૨૩" માં રોજ મોટી સંખ્યામાં પૂર્વ વિદ્યાર્થીઓને વિગતો માટે ડો. રુપેશ રામાણી(મો. પરિવાર સહિત ઉપસ્થિત રહેવા ઉપસ્થિત રહેવા નિમંત્રણ આપવામાં નં. ૯૯૨૫૧૨૬૦૪૧) તથા ડો. નિમંત્રણ પાઠવ્યું છે. ઉદ્ઘેખનીય છે કે આવ્યું છે.''ગ્રાન્ડ એલ્યુમ્ની મીટ - સ્ને હા પંડયા(મો. નં. ગત એલ્યુમ્તી મીટની જેમ આ વખતે ૨૦૨૩'' ના સફળ આયોજન માટે ૯૮૨૫૭૮૪૦૩૨) નો સંપર્ક કરવા

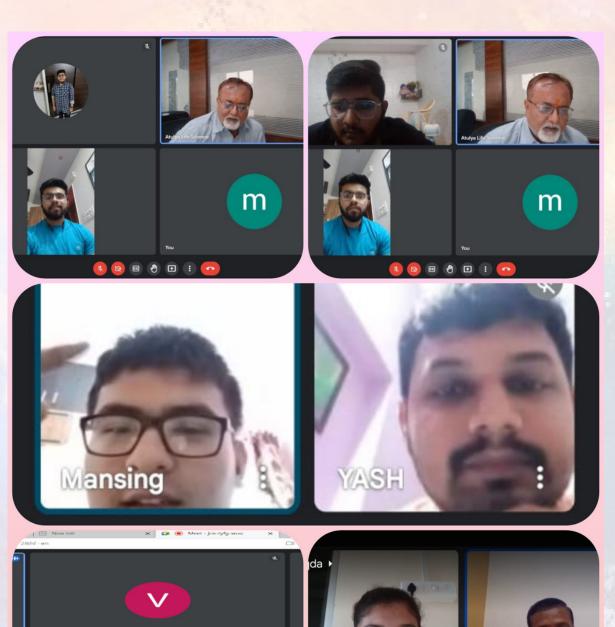




Mock Interview



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

- Mr. Kashyap Shah [Atulya Life Science LLP]
- Mr. Bhavik B Brahmbhatt [GCPL]
- Mr Mohan Patakh [Nuclear Power Corporation of India]
- Dave Nikul [Nirma Ltd, Bhavnagar]
- Mr. Jill Chhatrala [EPP Composite Pvt. Ltd. (Metoda-Rajkot)]
- Ajay Rajput [RIL]
- Mr. Ankit M. Bhua [Sun pharmaceutical industry limited,panoli]
- Hardik Thanki [GFL, Ranjitnagar]

Chemical Engineering Department of V. V. P. Engineering College arranged an ONLINE Mock Interview round from 30th September to 5thOctober 2022 for final year students. Total 30 students participated in this activity. Total 08 Industrial experts contributed to this ONLINE Mock Interview. All of them were alumni of VVP Engineering College. They were well experienced with good position at various industries.

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



"Education is one thing no one can take away from you." - Elin Nordegren

"Science knows no country because knowledge belongs to humanity and is the torch which illuminates the world." - Louis Pasteur

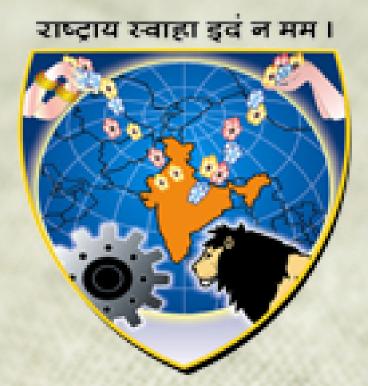
"The country which is in advance of the rest of the world in chemistry will also be foremost in wealth and in general prosperity."- William Ramsay



વી.વી.પી. એન્જીનીયરીંગ કોલેજના વિદ્યાર્થીઓ માટેની પ્રતિજ્ઞા



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



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