



V.V.P.
ENGINEERING COLLEGE

AICTE Approved & Affiliated to GTU, Ahmedabad

NBA Accredited Electrical, Computer, Electronics & Communication, Civil Departments

BULLETIN
E

V.V.P.

ENGINEERING COLLEGE

AICTE Approved & Affiliated to GTU, Ahmedabad

July-Dec 2025-Vol. 15

6 12.0107 C CARBON	2 4.0026 He HELIUM	74 183.84 M TUNGSTEN	53 126.90 I IODINE	6 12.0107 C CARBON	13 26.982 Al ALUMINIUM
------------------------------------	------------------------------------	--------------------------------------	------------------------------------	------------------------------------	--

**ENGINEERING
DEPARTMENT**



V.V.P. Management

- 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 500 GW target by 2030, which is only 100 GW 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 distribution 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. Piyush B. Vanzara

At V V P Engineering college, our vision is to transform our students into competent professionals by nurturing intellectual curiosity, inspiring creativity, and equipping students with the knowledge and skills needed to thrive in an ever-evolving world. We aim to be an exemplary institution that empowers individuals to reach their full potential, promotes interdisciplinary collaboration, and addresses global challenges.

We envision a future where our students not only excel academically but also grow as responsible and ethical leaders who contribute meaningfully to society. Our commitment to excellence in education and holistic development will ensure that our graduates are prepared to make a positive impact on the world in their respective fields and communities.

With a focus on continuous improvement, we strive to be a place where diverse perspectives are celebrated, and where all members of our community—students, faculty, and staff—work together to create a sustainable, prosperous future for all.

Let us move forward with a shared sense of purpose and dedication for shaping the engineers of tomorrow.

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. 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. Vyomesh M. Parsana

The Chemical Engineering Department at V.V.P. Engineering College, Rajkot stands as a pioneer in the Saurashtra-Kutch region, committed to powering process industries through quality minds and strong moral values.

We maintain strong industry collaborations, notably as a NABL-accredited and GPCB-recognized Schedule-I Environment Auditor. The department has conducted in-house learning programs with Reliance Industries Limited and runs a faculty exchange programme with Nayara Energy Limited. Enriching activities like expert talks, industrial visits, alumni interactions, technical events, NSS, NCC, sports activities, GATE guidance, MAT-GK sessions, research paper writing competition, mock interviews, and skill development programmes define our dynamic ecosystem.

Our distinguished faculty, representing a variety of geographical regions, proudly features gold medallists from prestigious institutions such as IIT-Kharagpur, Nirma University, and MS University. Our team includes highly experienced 10 dedicated faculty members (5 PhD holders, 3 pursuing), supported by 3 skilled technical staff managing 10 specialized laboratories — from Chemical Reaction Engineering to Environment Audit. A dedicated computer laboratory equipped with open-source tools and a perpetual ChemCAD simulation software license strengthens our technical foundation.

We actively collaborate with leading global institutions, and our alumni excel worldwide across diverse sectors — a testament to the education and values we impart.

I warmly welcome you to experience one of the finest Chemical Engineering departments of Gujarat where innovation meets integrity at the heart of India's chemical industry.

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.

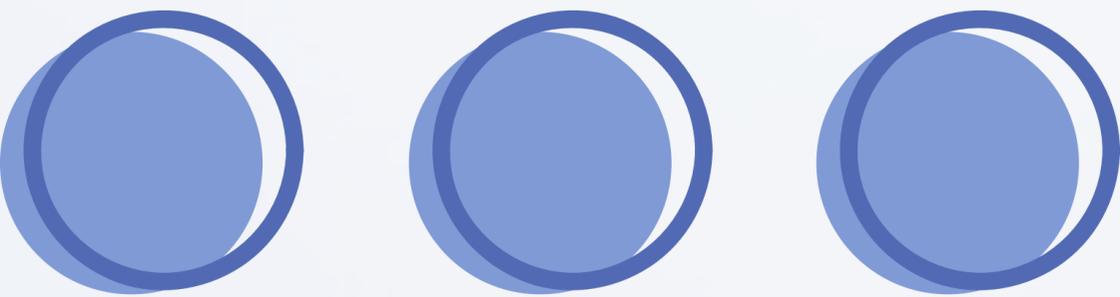
Program Specific Objectives (PSOs)

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

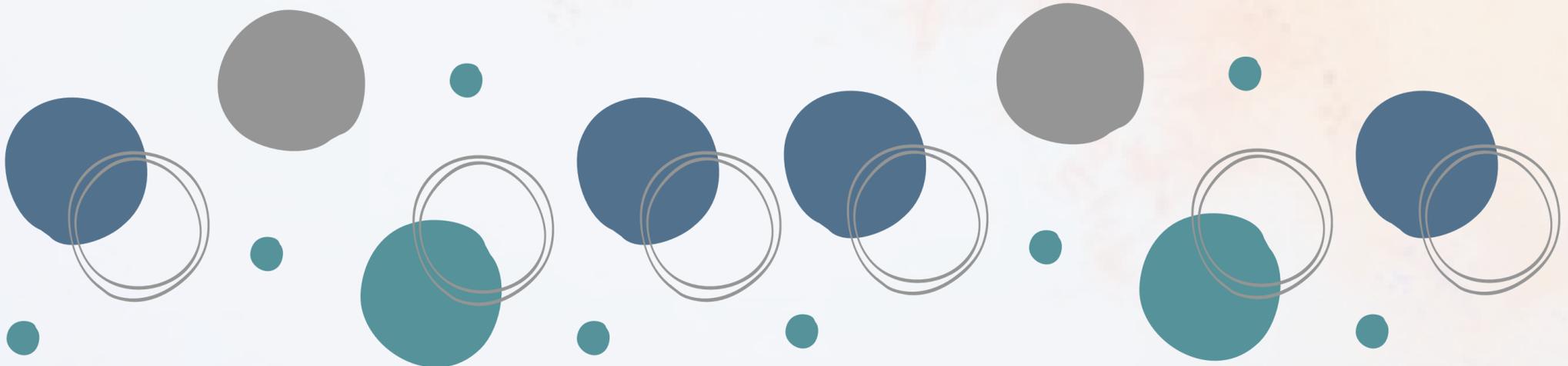
**RESULT
PLACEMENT
HIGHER STUDIES
DEPT ACHIEVEMENTS
EXPERT SESSIONS
SKILL DEVELOPMENT PROGRAMME
PARENTS MEETING
INDUSTRIAL VISIT**



RESULT

BULLETIN
E

Semester	Rank	Name of Student	SPI	CPI
2	1st	Pithadiya Jaimin Nileshbhai	7.76	7.93
8	1st	Dev Rameshbhai Thoria	10	8.44



PLACEMENT BULLETIN



Reliance
Industries Limited
**DEV RAMESHBHAI
THORIA**



Reliance
Industries Limited
**PATEL BRIJ
ASHVINBHAI**



Reliance
Industries Limited
**CHERISH MANISHA
SAVSANI**



Reliance
Industries Limited
**PANCHASARA MANAV
NIRAJBHAI**



Reliance
Industries Limited
**PARTH JAGDISHKUMAR
RUPALA**



**FATANIYA AMIT
SHAILESH**



**PATHAR BRIJESHKUMAR
RAJESHBHAI**



**GANDHA JIGNESH
MANISHKUMAR**



**BARIYA JEEL
KETANBHAI**



**DHADUK OM
MAYUR**



**RUPARELIYA JAY
HAREHBHAI**



**PADARIYA KASHYAP
KHODUBHAI**



**NAYAKPURA SHUBHAM
SHAILESHBHAI**



**CHHAYANI DHRUV
ASHOKBHAI**



**PIPAROTAR MEET
BHIMJIBHAI**

Congratulations

Congratulations

PLACEMENT



Sr. No	Name of Student	Name of Company
1	Thoria Dev Rameshbhai	Reliance Industries Limited
2	Pathar Brijeshkumar Rajeshbhai	RSPL
3	Rupala Parth Jagdishkumar	Reliance Industries Limited
4	Bariya Jeel Ketanbhai	Amoli Organics Ltd
5	Fataniya Amit Shaileshbhai	RSPL
6	Rupareliya Jay Hareshbhai	Expede-Tech R & D Pvt. Ltd.
7	Cherish Manisha Savsani	Reliance Industries Limited
8	Patel Brij Ashvinbhai	Reliance Industries Limited
9	Dhaduk Om Mayurbhai	GSP Cropscience Ltd.
10	Gandha Jignesh Manishkumar	RSPL

PLACEMENT



Sr. No	Name of Student	Name of Company
11	Chhayani Dhruv Ashokbhai	KSR Design
12	Padariya Kashyap Khodabhai	Expede-Tech R & D Pvt. Ltd.
13	Pipaliya Sahil Jitendrabhai	RSPL
14	Nayakpura Shubham Shaileshbhai	KSR Design
15	Panchasara Manav Nirajbhai	Reliance Industries Limited
16	Kanzariya Krishna Anilbhai	Kesari Rubber Industries
17	Vora Dharmik	Hibond Cement Pvt. Ltd.
18	Kakasaniya Prince	Hibond Cement Pvt. Ltd.
19	Bambhaniya Jay Bharatbhai	Panila Chemicals, Bhavnagar
20	Ranipa Devkumar	Expede-Tech R & D Pvt. Ltd.

PLACEMENT



Sr. No	Name of Student	Name of Company
21	Vyas Anand Bhaveshbhai	FeedChem Pvt. Ltd., Rajkot
22	Sanghani Darshan Maheshbhai	Deccan Fine Chemical, Ankleshwar
23	Nakum Rahul Jayeshbhai	UPL
24	Solanki Soham Jagdishbhai	SNJ Pharma
25	Parmar Karan Dineshbhai	SNJ Pharma
26	Rabadiya Yash Nandlalbhai	Hemani Industries Ltd.
27	Sorathiya Parth Bhaveshbhai	Payal Polyplast Pvt. Ltd.
28	Suvagiya Kashyap Niranjانبhai	Dharmaj Cropguard Limited.
29	Heranja Amin Rahimbhai	Toyo Ink India Pvt. ltd.
30	Agravat Vatsal Hasmukhbhai	Augxen Pharma Pvt. Ltd.

PLACEMENT



Sr. No	Name of Student	Name of Company
31	Bhundiya Jatan Jigneshbhai	GHCL
32	Jadav Dev Vallabhbhai	Advance Fertilizer India Pvt. Ltd.
33	Joshi Keval Hiteshbhai	Karvy Therapeutics Pvt. Ltd.
34	Karangiya Akshat Kumbhabhai	CPL Pharmaceuticals
35	Nandha Vatsal Pramodbhai	Vibrant Fine Chem
36	Vyas Nishit Vipulbhai	Amneal Pharmaceuticals Limited
37	Utkarsh Durgesh Mall	Yashashvi Rasayan Pvt. Ltd.
38	Kalavadia Dhruv Ketanbhai	Shiva Pharmchem Ltd.
39	Vashiyar Parth Deepakbhai	Destiny Chemicals Ltd.
40	Piparotar Meet Bhimjibhai	Dharmaj Cropguard Limited

Sr. No	Name of Student	Name of University	Course
1	Sakhiya Dhruvit Rajeshbhai	Applied in Various University of Abroad	M.S
2	Yadav Shyam Pramodbhai	UPES, Dehradun	MBA

Departmental Achievements



Name of Faculty	Faculty Achievement –Book Chapter Publication/Paper Publication/Recognition
<p>Dr. Piyush B.Vanzara (Principal & Professor)</p>	<ul style="list-style-type: none">• Research Progress committee Member for PhD Scholar, Sigma University• Subject expert for evaluating research proposals under SHODH Scheme, Knowledge consortium of Gujarat, Department of Education, Government of Gujarat• Reviewer for International Journal of Darshan Institute on Engineering Research and Emerging Technologies, (IJDI-ERET), Volume 14, Issue 2.• Participated in AICTE Training And Learning (ATAL) Academy Faculty Development Program on Generative AI for Education at Princeton Institute Of Engineering & Technology For Women from 18/08/2025 to 23/08/2025.• One day Workshop on Effective Implementation of NEP-2020 organised by Sanskriti Utthan Nyas at Saurashtra University Rajkot on 4th August 2025.• Published paper on title ‘Techno-enviro-economic analysis of industrial carbon capture process via multi-criteria optimization and retrofitting approach’ along with other authors named Swaprabha P. Patel, Ashish M. Gujarathi, in Energy, Volume 338, 2025, https://doi.org/10.1016/j.energy.2025.138912 (Scopus Indexed).

Departmental Achievements



Name of Faculty	Faculty Achievement –Book Chapter Publication/Paper Publication/Recognition
<p>Dr. Vyomesh M.Parsana (Associate Professor and Head)</p>	<ul style="list-style-type: none">• Attended One-day Workshop on “Rashtriya Shiksha Niti 2020 ka Prabhavi Karyanvayan” organized by Saurashtra University and Shiksha Sanskruti Utthan Nyas, Saurashtra Prant at Saurashtra University on 4th August, 2025• Successfully participated & completed AICTE Training And Learning Academy (ATAL) Faculty Development Program on “Generative AI for Education” organized by Princeton Institute of Engineering & Technology for Women from 18-23 August, 2025.• Successfully participated & completed Two-days Conference on “Ener Think 2025 – Academic Insights on Energy and Climate Change” under AICTE – Vibrant Advocacy for Advancement and Nurturing of Indian Languages (VAANI) in Gujarati language at Atmiya University from 16/12/2025 to 17/12/2025.• A research paper on “Liquid-Liquid Extraction of Acetic Acid with 2 Methyltetrahydrofuran: Experiments, Process Modeling, and Economics” is provisionally accepted on 24th December 2025 which is to be published in Industrial & Engineering Chemistry Research, American Chemical Society.• Supervised a PhD Thesis on “Thermodynamic Modeling and Experimental Measurement of Vapor-Liquid Equilibrium of Systems Comprising Green Solvent”. The PhD notification was issued by Gujarat Technological University on 21st July 2025. This was the 2nd PhD Thesis supervised by Dr. Vyomesh M. Parsana.

Departmental Achievements



Name of Faculty	Research paper reviews made by Dr. Vyomesh M. Parsana.
<p data-bbox="107 1528 689 1822">Dr. Vyomesh M.Parsana (Associate Professor and Head)</p>	<ul data-bbox="741 694 2219 2654" style="list-style-type: none"><li data-bbox="741 694 2219 1086">• JOURNAL: INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH PUBLISHER: AMERICAN CHEMICAL SOCIETY ISSN: 1520-5045 DATE: 12-JUL-2025<li data-bbox="741 1114 2219 1506">• JOURNAL: JOURNAL OF EXPERIMENTAL AND THEORETICAL ANALYSES PUBLISHER: MDPI, SWITZERLAND ISSN: 2813-4648 DATE: JUL 13, 2025<li data-bbox="741 1534 2219 1926">• JOURNAL: ASIA-PACIFIC JOURNAL OF CHEMICAL ENGINEERING PUBLISHER: JOHN WILEY & SONS (WILEY) ISSN: 1932-2135 DATE: JUL 24, 2024<li data-bbox="741 1954 2219 2346">• JOURNAL: JOURNAL OF CHEMICAL & ENGINEERING DATA PUBLISHER: AMERICAN CHEMICAL SOCIETY ISSN: 0021-956 DATE: 26 JULY, 2025<li data-bbox="741 2374 2219 2654">• JOURNAL: ACS OMEGA PUBLISHER: AMERICAN CHEMICAL SOCIETY ISSN: 2470-1343 DATE: 29-AUG-2025

Departmental Achievements



Name of Faculty	Research paper reviews made by Dr. Vyomesh M. Parsana
<p>Dr. Vyomesh M.Parsana (Associate Professor and Head)</p>	<ul style="list-style-type: none">• JOURNAL: PROCESSES PUBLISHER: MDPI, SWITZERLAND ISSN: 2227-9717 DATE: SEP 2, 2025• JOURNAL: INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH PUBLISHER: AMERICAN CHEMICAL SOCIETY ISSN: 1520-5045 DATE: 08-SEP-2025• JOURNAL: PROCESSES PUBLISHER: MDPI, SWITZERLAND ISSN: 2227-9717 DATE: SEP 23, 2025• JOURNAL: ACS OMEGA PUBLISHER: AMERICAN CHEMICAL SOCIETY ISSN: 2470-1343 DATE: 26-SEP-2025• JOURNAL: JOURNAL OF CHEMICAL & ENGINEERING DATA PUBLISHER: AMERICAN CHEMICAL SOCIETY ISSN: 0021-956 DATE: 30 SEPTEMBER, 2025• JOURNAL: PROCESSES PUBLISHER: MDPI, SWITZERLAND ISSN: 2227-9717 DATE: OCT 16, 2025

Departmental Achievements



Name of Faculty	Research paper reviews made by Dr. Vyomesh M. Parsana
<p>Dr. Vyomesh M.Parsana (Associate Professor and Head)</p>	<ul style="list-style-type: none">• JOURNAL: PROCESSES PUBLISHER: MDPI, SWITZERLAND ISSN: 2227-9717 DATE: NOV 2, 2025 • JOURNAL: PROCESSES PUBLISHER: MDPI, SWITZERLAND ISSN: 2227-9717 DATE: NOV 4, 2025 • JOURNAL: PROCESSES PUBLISHER: MDPI, SWITZERLAND ISSN: 2227-9717 DATE: NOV 11, 2025 • JOURNAL: DIGITAL CHEMICAL ENGINEERING PUBLISHER: SCIENCE DIRECT, ELSEVIER ISSN: 2772-5081 DATE: 22 NOVEMBER, 2025 • JOURNAL: ACS OMEGA PUBLISHER: AMERICAN CHEMICAL SOCIETY ISSN: 2470-1343 DATE: 22-NOV-2025 • JOURNAL: DIGITAL CHEMICAL ENGINEERING PUBLISHER: SCIENCE DIRECT, ELSEVIER ISSN: 2772-5081 DATE: 23 NOVEMBER, 2025 • JOURNAL: PROCESSES PUBLISHER: MDPI, SWITZERLAND ISSN: 2227-9717 DATE: NOV 26, 2025 • JOURNAL: PROCESSES • PUBLISHER: MDPI, SWITZERLAND • ISSN: 2227-9717 • DATE: DEC 6, 2025

Departmental Achievements



Name of Faculty	Faculty Achievement –Book Chapter Publication/Paper Publication/Recognition
<p>Dr. Darshana T. Bhatti (Associate Professor)</p>	<ul style="list-style-type: none">• Participated in the FDP on "AI in Chemical Engineering: Industry, Curriculum and Research Perspectives," organized by Dr. Vishwanath Karad MIT World Peace University, Pune, from December 1-5, 2025.• Attended the ATAL FDP on "Generative AI for Education" at Princeton Institute of Engineering & Technology for Women from August 18-23, 2025. These programs enhance her expertise in AI applications for chemical engineering.• Successfully participated and presented research paper in the AICTE–VAANI Conference “Ener Think 2025 – Academic Insights on Energy and Climate Change”, conducted in bilingual mode at Atmiya University from 16–17 December 2025.• Published a paper of Scopus Indexed on the title ‘A COMPREHENSIVE REVIEW OF NATURAL COAGULANTS FOR SUSTAINABLE WATER TREATMENT’ in Journal of Applied Bioanalysis (<u>Articles Volume 11 Special Issue-10 (2025) Pages 28-34</u>)• Delivered expert lecture on thermodynamics at Sardar Patel Vidhya Mandir Rajkot for 12th Science Students.

Departmental Achievements



Name of Faculty	Faculty Achievement –Book Chapter Publication/Paper Publication/Recognition
<p>Dr. Priyank Khirsariya, (Assistant Professor)</p>	<ul style="list-style-type: none">• Successfully participated in and completed the AICTE Training and Learning (ATAL) Academy Faculty Development Program on “Generative AI for Education”, conducted at Princeton Institute of Engineering & Technology for Women from 18th to 23rd August 2025. The program focused on the application of Generative AI tools in teaching–learning processes, enhancing academic innovation and educational effectiveness.• Has successfully completed Module 7: Creative Problem Solving, Innovation, and Meaningful R&D under the National Initiative for Technical Teachers Training (NITTT). The module focused on enhancing innovative thinking, problem–solving skills, and research–oriented approaches essential for effective technical education.• Successfully completed the NPTEL Online Certification Course on “Sustainable Energy Technology” with Elite status, funded by the Ministry of Education, Government of India. The course enhanced knowledge on sustainable and renewable energy technologies, supporting environmentally responsible engineering practices.• Has received a Certificate of Participation from GSFC University, Vadodara, for completing the "AI Tools for Office Administration and Productivity" Faculty Development Program (FDP). The program ran from 16th to 20th November 2025 at AIU-GSFC ADC, GSFC University, Vadodara. This achievement highlights active engagement in advancing administrative skills through AI tools.

Departmental Achievements



Name of Faculty	Faculty Achievement –Book Chapter Publication/Paper Publication/Recognition
<p>Mr. Jilesh M Pandya (Asst Professor)</p>	<ul style="list-style-type: none">• Program Title: Ener Think 2025 – Academic Insights on Energy and Climate Change• Duration: 16–17 December 2025• Attended two-day AICTE–VAANI Sponsored Conference organized by the Department of Life Sciences, Faculty of Science, Atmiya University, Rajkot.• Program Title: Generative AI for Educators• Duration: 18–23 August 2025• Attended six-day AICTE Training & Learning (ATAL) Academy Online FDP organized by Princeton Institute of Engineering & Technology for Women.• Delivered an Expert Lecture on “Creative Practices” for students of GMB Polytechnic, Rajula on 2 August 2025.



Departmental Achievements



Name of Faculty	Faculty Achievement –Book Chapter Publication/Paper Publication/Recognition
Rahul G.Vaidya (Asst Professor)	<ul style="list-style-type: none">• Program Title: Metallurgical and Electronic Waste Recycling• Duration: August–October 2025• NPTEL Online Certification (Elite Level). • Program Title: Basic Environmental Engineering and Pollution Abatement• Duration: July–October 2025• NPTEL Online Certification (Elite Level). • Program Title: Technologies for Clean and Renewable Energy Production• Duration: July–September 2025• NPTEL Online Certification (Elite Level). • Program Title: Generative AI for Education• Duration: 18–23 August 2025• Organized by Princeton Institute of Engineering & Technology for Women. • Program Title: AI in Chemical Engineering: Industry, Curriculum and Research Perspectives• Duration: 1–5 December 2025• Organized by Department of Chemical Engineering, Dr. Vishwanath Karad MIT World Peace University, Pune.

Departmental Achievements



Name of Faculty	Faculty Achievement -Book Chapter Publication/Paper Publication/Recognition
<p>Rahul G.Vaidya (Asst Professor)</p>	<ul style="list-style-type: none">• Successfully participated and presented research paper in the AICTE–VAANI Conference “Ener Think 2025 – Academic Insights on Energy and Climate Change”, conducted in bilingual mode at Atmiya University from 16–17 December 2025.• Successfully qualified the Gujarat Pollution Control Board’s “Qualifying Test for Environment Auditors”, held on 21st September 2025 at National Forensic Science University, Gandhinagar.• participated in the IIC Regional Meet 2025, organized by MoE’s Innovation Cell, Institutions’ Innovation Council (AICTE). The one-day regional meet was hosted by V.V.P. Engineering College, Rajkot, on 2nd December 2025. The event focused on promoting innovation, entrepreneurship, and institutional best practices under the Ministry of Education initiatives.• Successfully completed and passed NITTTR Modules 5 and 7, demonstrating continued professional development in technical education.• Published a paper of Scopus Indexed on the title ‘A COMPREHENSIVE REVIEW OF NATURAL COAGULANTS FOR SUSTAINABLE WATER TREATMENT’ in Journal of Applied Bioanalysis (Articles Volume 11 Special Issue-10 (2025) Pages 28-34)

Departmental Achievements



Name of Faculty	Faculty Achievement –Book Chapter Publication/Paper Publication/Recognition
<p>Dhara A. Upadhyay (Asst Professor)</p>	<ul style="list-style-type: none">• Program Title: ATAL Online FDP on Empowering Educators with AI in Teaching and Research• Duration: 1–6 September 2025• Organized by NITTR. • Program Title: Generative AI in Collaboration with Intel• Duration: 18–28 August 2025• Organized by NITTR. • Program Title: New Advances in Injectable Dosage Systems• Date: 11 November 2025• UGC Journal Online Webinar.

Departmental Achievements



Name of Faculty	Faculty Achievement –Book Chapter Publication/Paper Publication/Recognition
Mr. Pratik K. Koradiya (Assistant Professor)	Successfully completed Module 8: Institutional Management and Administrative Procedures under the National Initiative for Technical Teachers Training (NITTT), conducted by the All India Council for Technical Education (AICTE).
Name of Student	Student Participation
Mr. Ghetiya Krish (4th Semester student)	Mr. Ghetiya Krish, a student of our institute, actively participated in the Vikshit Bharat Young Leaders Dialogue (VBYLD) 2026, held on 2nd October 2025.



Expert Session

Expert Lecture on "Beat Plastic Pollution" by Dr. Hitesh Ashani



The Chemical Engineering Department, V. V. P. Engineering College, organized an expert lecture on "Beat Plastic Pollution" on 23rd July 2025 at S. A. M. Auditorium in celebration of World Environment Day 2025, jointly with IEI Rajkot (Saurashtra Local Centre) and the Environment Audit Cell.

The session was delivered by Dr. Hitesh R. Ashani, Assistant Professor, Civil Engineering Department, VVPEC, and was attended by students of Sem 3, 5, and 7 from Chemical, Biotechnology, Civil, and Electrical Engineering.

Dr. Ashani highlighted the alarming growth in plastic production, its long-term environmental persistence, and harmful impacts on health, soil, air, and climate. He emphasized sustainable practices, mindful plastic usage, and alternatives to plastic products, inspiring students to contribute towards environmental protection by following the principles of Reduce, Reuse, Recycle, and Recovery. The session was coordinated by Dr. S.S. Korgaokar.

Expert Session

Expert Lecture on “Applications of Artificial Intelligence in Chemical Engineering” by Dr. Vyomesh M.Parsana



The Chemical Engineering Department, VVP Engineering College, organized an expert lecture on “Applications of Artificial Intelligence in Chemical Engineering” on 30th September 2025, in alignment with AICTE’s Year of AI 2025 initiative. The session was delivered by Dr. Vyomesh M. Parsana, Associate Professor & Head, Chemical Engineering Department.

The lecture highlighted the role of AI in process optimization, predictive maintenance, simulation, and energy efficiency in chemical engineering. A key highlight was a case study from Dr. Parsana’s M.Tech thesis at IIT Kharagpur, demonstrating early applications of Artificial Neural Networks and the evolution of AI from academic research to industrial practice. The interactive session encouraged prefinal and final year students to explore AI-driven solutions for real-world chemical engineering challenges.

Expert Session

Expert Lecture on “Renewable Energy and Sustainable Development” by Dr.Tripta Thakur, Director General, NPTI



The Chemical Engineering Department, V. V. P. Engineering College, organized an expert lecture on “Empowering the Future: How Renewable Energy is Shaping Global Development” on 6th August 2025 at P. D. C. Auditorium. The session was delivered by Dr. Tripta Thakur, Director General, National Power Training Institute (NPTI), and was attended by students of Sem 3, 5, and 7 from Chemical, Mechanical, and Electrical Engineering.

Dr. Thakur emphasized the urgent need to adopt renewable energy sources to combat climate change, reduce carbon emissions, and ensure sustainable global development. She highlighted the role of clean energy technologies in environmental protection and inspired students to contribute towards a greener and energy-secure future through innovation and responsible practices. The session was coordinated by Dr. S.S. Korgaokar.

Skill Development Programme

A visit to Laboratory, Saurashtra University

Chemical Engineering Department at VVP Engineering College organized a Skill Development Program on Analytical Chemistry for 3rd semester students, coordinated by Dr. Priyank Khirsariya and Dr. S.S. Korgaokar. Held in two phases at Saurashtra University, Rajkot—Phase-I on July 24, 2025 (XRD, UV-Vis, DLS, VSM, functional oxide projects) and Phase-II on July 31, 2025 (GC-MS, LC-MS, FT-IR, freeze dryer, AAS, and more)—the program provided hands-on exposure to advanced research instruments. Students gained practical insights into principles, operations, data interpretation, and applications in pharmaceuticals, nanotechnology, and materials science.



Skill Development Programme

Chemical Engineering Department at VVP Engineering College held a Skill Development Program on "Computational Tools for Chemical Engineers" for 7th semester students on July 21-22, 2025, in the Process Simulation Laboratory. Coordinated by Dr. Priyank Khirsariya and Dr. Vyomesh Parsana, sessions covered POLYMATH for problem-solving, process simulators, MATLAB via GNU Octave, MS Excel applications (Solver, Goal Seek), and GAMS for optimization with industry case studies. The hands-on training bridged academic knowledge and industry needs, ending with certificates and positive student feedback.



Parents Meeting



Chemical Engineering Department at VVP Engineering College held a Parents Meeting on September 27, 2025, at 9:15 AM in the Mechanical Operations Lab. Coordinated by Dr. Priyank Khirsariya and led by HOD Dr. Vyomesh Parsana, nine parents of 3rd, 5th, and 7th semester students attended with their wards for one-on-one faculty interactions. Discussions covered academic progress, attendance, discipline, and co-curricular participation, with constructive feedback and refreshments concluding the fruitful session.

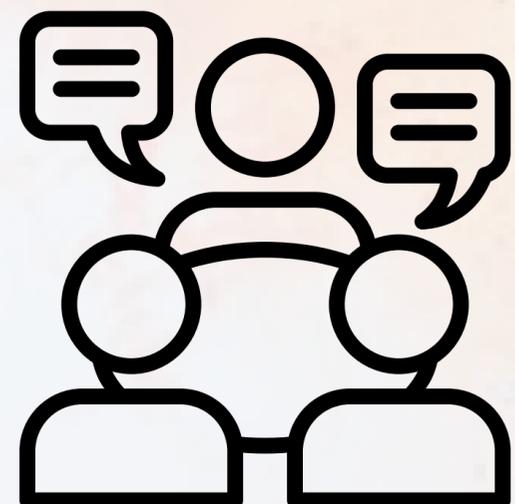
PARENTS' MEETING

(3rd, 5th and 7th semester)
Date: 27th September 2025
TIME: 9.15 AM ONWARDS



HEAD OF THE DEPARTMENT
DR. VYOMESH PARSANA
ASSOCIATE PROFESSOR

CO-ORDINATOR:
DR. PRIYANK KHIRSARIYA
ASSISTANT PROFESSOR



Industrial Visit

VISIT TO [ORCHEV PHARMA PVT. LTD. IN SHAPAR, RAJKOT](#)

Chemical Engineering students from 5th and 7th semesters at VVP Engineering College, Rajkot, visited Orchev Pharma Pvt. Ltd. in Shapar, Rajkot, on September 19, 2025. Accompanied by staff Mr. Rahul Vaidya and Mr. Vijaybhai K. Mehta, students gained hands-on exposure to industrial-scale equipment like reactors, absorbers, effluent treatment plants, and heat exchangers. Mr. Dineshbhai Patel detailed the manufacturing processes for pharmaceuticals such as Ranitidine, Famotidine, Allopurinol, and Levetiracetam, highlighting the company's reputation for USP/EP/BP/IP-compliant production.



VISIT TO [EPP COMPOSITES PVT. LTD](#)

Chemical Engineering 3rd semester students from VVP Engineering College, Rajkot, visited EPP Composites Pvt. Ltd. in Rajkot on September 29, 2025. Accompanied by staff member Mrs. Dhara Upadhyay, students explored industrial-scale equipment operations. Established in 1986, EPP Composites leads in designing, engineering, and manufacturing advanced Fiber Reinforced Plastic (FRP) and Glass Reinforced Plastic (GRP) solutions.



V.V.P. Engineering College, Rajkot

Industrial Visit

VISIT TO ADANI, MUNDRA

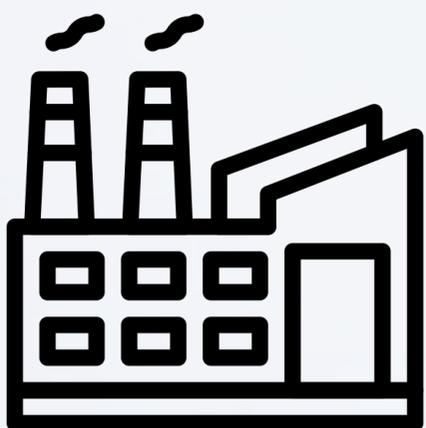
Chemical Engineering Department at VVP Engineering College, Rajkot, organized an industrial visit to Adani facilities in Mundra on October 15-16, 2025, for 3rd, 5th, and 7th semester students. Assistant Professor Mr. Pratik Koradiya accompanied the group to sites including Adani Ports and SEZ, Adani Wilmar Ltd., Adani West Port, Adani Solar, and Adani Power, under the Adani Group's "Udaan" project. Students gained practical insights into port operations, cargo handling, logistics, SEZ functions, and supply chain management at India's largest commercial port.

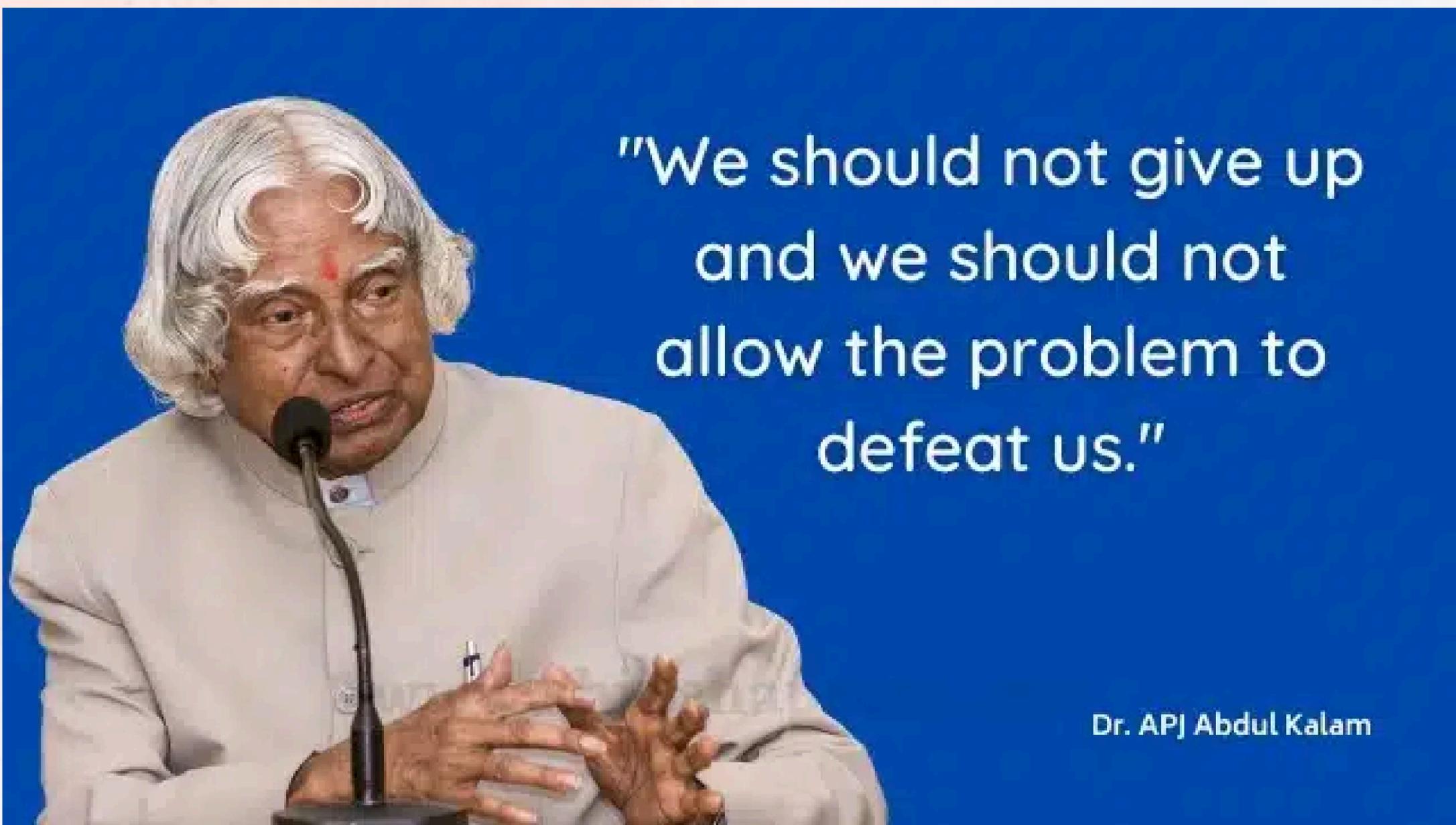


Industrial Visit

Visit to Hi-Bond Cement Plant, Patidad (Gomta), Rajkot

Chemical Engineering Department, VVP Engineering College, organized an industrial visit to Hi-Bond Cement Plant in Patidad (Gomta), Rajkot, for 3rd, 5th, and 7th semester students. The visit covered the full cement manufacturing process, including raw material crushing, preheater and rotary kiln operations, clinker cooling, grinding, packing, and quality control. Students learned about safety practices like PPE usage, dust control via bag filters, and real-world applications of unit operations, heat transfer, and process control.





"We should not give up
and we should not
allow the problem to
defeat us."

Dr. APJ Abdul Kalam



વી.વી.પી. એન્જીનીયરીંગ કોલેજના વિદ્યાર્થીઓ માટેની પ્રતિજ્ઞા



राष्ट्राय स्वाहा इदं न मम ।



V.V.P. ENGINEERING COLLEGE

Virda-Vajdi, Opp. Motel the Village, Kalawad Road,

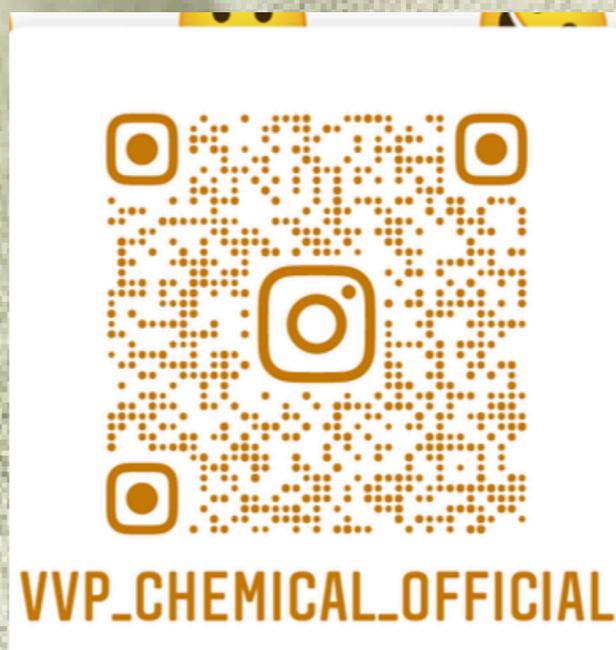
Rajkot-360 005.

GUJARAT (INDIA)

Email : vvpedulink@gmail.com

Website : www.vvpedulink.ac.in

https://www.facebook.com/vvpchem



Published by :-

Chemical Engineering Department

Editorial Board :-

Dr Vyomesh M.Parsana (HoD)

Rahul G. Vaidya (Faculty)

Kotak Niyati Bhaveshbhai (Student))

Pari Vyas (Student)

Ghodasara Adesh (Student)

Ramani Nilay (Student)