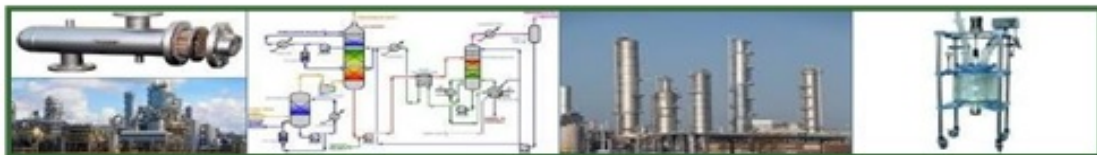




RADIANCE

CHEMICAL ENGINEERING e-NEWSLETTER



From Department Coordinator's Desk

Volume 3, Issue 2 | July - December 2020



Dr. Femina Patel
Department
Coordinator

I am glad to note that Chemical Engineering Department is publishing volume 3, issue 2 of the Departmental Newsletter "RADIANCE".

Newsletter reflects the extensive collection of important data like activities of faculty members, students, expert lectures, co-curricular & extra-curricular activities, etc. during the period of July-December 2020. I am sure, this newsletter will serve as a medium to use the information concerning departmental activities and proceeding for continuous growth.

Especially, I congratulate my students to participate in various co-curricular & extra-curricular activities, research work, and competitive exams. My best wishes to all for their bright carrier and successful life.

GLIMPSES OF THE DEPARTMENT

The Department of Chemical Engineering is a vibrant and dynamic Department, with a young and enthusiastic academic staff consisting of two Professors, two Associate Professors, eight Assistant Professors, and one laboratory Assistant. Quality in academics and a whirlpool of personality-enhancing activities have geared the students for the future and prepared them to take new challenges, to explore new avenues, and to realize, cherish as well as fulfill their dreams. Inherent strength, values, teamwork, dedication & vision steam the confidence of the students. The dedicated staff members keep themselves updated about the recent developments in their fields of interest, beyond the curriculum. They are also provided exposure to the environment of the industry parallel to academics. The Department regularly organizes expert lectures beyond the curriculum. The faculty mentors counsel the students from time to time for their career development.

DEPARTMENT VISION

To foster a vibrant environment for creating professional Chemical Engineers with integrity and ethics.

DEPARTMENT MISSION

- To develop open access laboratories and infrastructure for conducive learning.
- To enhance the professional engineering skills along with entrepreneurship, innovativeness and management.
- To strengthen linkages with industries, alumni and professional bodies.
- To undertake industry collaborative projects and research.
- To inculcate professional ethics and make socially responsible engineers.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

The Chemical Engineering program aims to develop versatile professionals who can excel in a variety of career environments. The Program Educational Objectives of B.E. (Chemical) program is:

- PEO-1:** To prepare graduates who will be skilled in fundamental concepts of Chemical Engineering.
- PEO-2:** To prepare graduates who will be capable of obtaining position in Industrial, Research, Government, Academic, Entrepreneur or other organizations, which use their technical knowledge and professional skills.
- PEO-3:** To prepare graduates who will have proficiency in execution of real time Chemical Engineering projects.
- PEO-4:** To prepare graduates who will contribute to the socio-economic environment of their communities.

“Education is not the filling of a pail, but the lighting of a fire.”

— *W.B. Yeats*

FACULTY AT A GLANCE

Sr. No.	Name	Degree	Area of Specialization	Current Designation
1	Dr. Femina J. Patel	Ph.D.	Heterogeneous Catalysis, Waste Water Treatment, Automotive Emission Control	Professor
2	Dr. Parin D. Shah	Ph.D.	Green Chemistry and Green Engineering, Waste Water Treatment	Professor
3	Prof. Suchen B. Thakore	M.E.	Equipment Design	Associate Professor
4	Prof. Dolly R. Gandhi	M.E.	Thermodynamics	Associate Professor
5	Prof. Zoher Z. Painter	M.E.	Cleaner Production	Assistant Professor
6	Dr. Milap G. Nayak	Ph.D.	Alternative Energy, Plasma Pyrolysis	Assistant Professor
7	Prof. Yogesh J. Morabiya	M.E.	Green Engineering	Assistant Professor
8	Prof. Sahil N. Prajapati	M.E.	Waste Water Treatment	Assistant Professor
9	Prof. Sunil R. Patel	M.Tech.	Waste Water Treatment	Assistant Professor
10	Prof. Jay B. Trivedi	M.E.	Waste water treatment	Assistant Professor
11	Prof. Ujvala P. Christian	M.E.	Polymer Technology	Assistant Professor
12	Prof. R. R. Merchant	B.E.	Chemical Processes	Assistant Professor

Congratulations to our faculty members!!

- *Dr. Dharmendra D. Mandaliya has been promoted to the Professor, Chemical Engineering Department at L.D. College of Engineering, Ahmedabad.*
- *Prof. Narendra Patel has been promoted to the Professor, Chemical Engineering Department at GEC, Valsad.*

Best Wishes

- *Prof. Jalpa Shah has been transferred to GEC, Valsad.*
- *Prof. Rupal Patel has been transferred to GEC, Bhuj.*

We wish them all the success and luck for their future endeavor!

DEPARTMENTAL ACTIVITIES

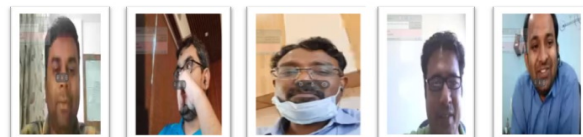
SSIP-CELL

Chemical Engineering Department and SSIP e-Cell have organized a webinar on "SSIP Awareness for 2020-21 PoCs" through Microsoft Teams by Dr. M. G. Nayak on 21st August 2020. He discussed the importance of Student Start up and Innovation Policy (SSIP) and the methodology to be adopted in filing the PoCs under the start-up policy and the fund which can be obtained for the projects under this policy. 120 students from B.E. semester 3, 5 and 7 and M.E. semester 3 benefitted from it.

A webinar on "Innovation and Technology" was conducted by Mr. Vivek Popat on 28th August 2020 under SSIP e-Cell of the Chemical Engineering Department. He is an alumnus of the college and presently working as a Nuclear Scientist at Bhabha Atomic Research Centre (BARC). He discussed on crucial objectives of the journey from Innovation to Technology. The webinar was organized through Google Meet, where 62 students from B.E. semester 3, 5, and 7 and M.E. semester 3 and faculty members attended.

Chemical Engineering Department and SSIP e-Cell had invited PoCs proposal from the Innovators for the year 2020-21. PoCs was scrutinized by the team of experts Shri Deepak Tadse (Aeron Composites Pvt. Ltd. - Industrial expert), Shri Rachit Oza (Startup expert), Dr. Swapnil Dharaskar (Academic expert), Dr. Nitin Padhiyar (Academic expert), Mr. Pragnesh Patel (Rototech Engineers- Alumni-Start up Expert) on 3rd October, 2020. Students presented their PoCs proposal to the expert team, who

suggested valuable comments for converting them into the market-ready product.



(L to R) PoCs scrutiny team: Dr. Swapnil Dharaskar, Shri Rachit Oza, Shri Deepak Tadse, Dr. Nitin Padhiyar, Mr. Pragnesh Patel

A webinar on "Design Thinking, Critical Thinking and Innovation Design" was organized by the Chemical Engineering Department under SSIP, on 24th December 2020 with 73 attendees, on Microsoft Teams. Dr. V. N. Lad, Associate Professor, Chemical Engineering Department, SVNIT, Surat was invited as an expert for the session. The objective of the webinar was to create awareness among the first-year students for Design thinking, Critical Thinking and Innovation Design, to discuss the various steps involved in Design thinking, to encourage students to think differently for resolving technical issues and to make them aware about customer centric approach, while making design. Dr. Milap G. Nayak of the Chemical Department coordinated the overall event.

"The only real failure in life is one not learned from"

— Anthony J. D'Angelo

"You learn something every day if you pay attention"

— Ray LeBlond

CO-CURRICULAR ACTIVITIES

Dr. Miral Thakker conducted a webinar on "Novel Extraction Techniques" under SSIP, Head, Chemical Engineering Department, S. N. Patel Institute of Technology & Research Centre, Umrakh on 29th August 2020. She explained how to use a domestic microwave, convert it into a microwave reactor, and use it for extraction purposes. She also inspired our students to work in a similar field with a combination of ultrasound and microwave, microwave and hydrotronic, hydrotronic, and supercritical to create the novelty of the work. Dr. Miral also gave valuable information about the collaborative work with GPCB. 52 students from B.E. semester 5, 7 and M.E. semester 3 benefitted from it.

An expert talk was arranged on "Geothermal Energy Perspective in Gujarat" by Dr. Manan Shah through Google meet on 9th September 2020 where around 78 students of third and fourth year participated. He is a team member of the pioneer of Geothermal Power Plant in India. The session was informative with an extensive scope on the use of geothermal energy in the next decade. The expert also explained to students the essential points to be incorporated in their curriculum vitae.

A webinar on "Importance of Thermodynamics for Chemical Engineers" was conducted by Dr. Dharamshi Rabari, Assistant Professor, Chemical Engineering Department, Ahmedabad University, on 12th September 2020. He explained how thermodynamics plays a role in life. He has linked the entropy change concept with the historical battle of Napoleon. He has also shown interest in supporting the students for technical help and the opportunity to do

the work. 40 students from B.E. semester 5 benefitted from it.

An expert talk on "Design and Troubleshooting of Multi Effect Evaporator" was organized on 1st October, 2020 with 65 students of third and fourth year, on Google Meet platform. Apurva Shah, working as Deputy Manager in Linde Engineering Limited was the invited expert. He discussed the importance of theoretical knowledge in design and troubleshooting on multi effect evaporator. He also guided and encouraged the students to work in engineering companies like Linde Engineering limited with the sound knowledge of process design of chemical equipment. The session highlighted teaching the students about the design, P & I diagram and troubleshooting of multi effect evaporator.

An expert talk on "Exposure of CHEMCAD software for Chemical Engineering Students", was organized under the aegis of IChE Student's Chapter, on 18th December, 2020, with 80 students of third and fourth year undergraduate and first and second year post graduate program, on Microsoft Teams platform. Shri Gautam Pradhan (Technical Director of Innovent Process Solutions Pvt. Ltd), was invited for the event and coordination was done by Dr. P. D. Shah and Prof. U. P. Christian. The objective of the expert talk was to inform students about applications of CHEMCAD software, provide live demonstration and discuss the case studies. Mr. Pradhan explained a real case study on design and simulation of distillation column using CHEMCAD software for separation of selective organic components and project cost estimation for various separation processes.

An expert talk on “Basic Ethics of Group Discussion and Personal Interview” was organized on 22nd December 2020, with 58 students of third year undergraduate program, on Microsoft Team platform. Mr. Shailesh Chaudhary working as Center Head, I.C.E.GATE Institute, Ahmedabad, discussed the basic ethics of Group Discussion and Personal Interview, and gave a few important tips for the same.

An expert talk on “GATE, Career Opportunities & Internship”, was organised on 28th December 2020, with 44 students of Second year undergraduate program, on Microsoft Team platform. Mr. Shailesh Chaudhary, working as Center Head, I.C.E. GATE Institute, Ahmedabad. He discussed the importance of the GATE Exam and gave a few important tips for cracking the GATE Exam.

ORIENTATION PROGRAM

Orientation program for new aspirants to Masters program (M.E. Chemical) for the academic year 2020-21 held on 5th November 2020 through online-Microsoft Team meet-platform coordinated by Prof. Dolly R. Gandhi (P.G. Coordinator). Students were welcomed by Department Coordinator and made aware about Department Vision and Mission. The orientation program highlighted on faculty interaction, their expertise with the students and providing the bird view of the facilities of research available in the Department.

COVID AWARENESS DRIVE

A Webinar on "COVID-19 Awareness Drive" on 5th November-2020, with 150 students and faculties, on Microsoft team platform. The awareness was provided by the Eminent

Speaker Dr. D. M. Patel, Professor, Mechanical Engineering, VGEC, Chandkheda. The activity was organized as a part of the Government of Gujarat and Government of India, Ministry of Health and family Affairs in awakening the citizens of India to combat the deadly disease faced by human mankind. The program aimed at teaching about the deadly virus, do and don't and the different remedies especially the importance of Quarantine to fight against the disease. Prof. Dolly Gandhi coordinated the webinar.

RESEARCH AND PUBLICATION

PAPER PUBLICATION

Prof. Dolly. R. Gandhi

Published a paper on “Structural and composition enhancement of Indian Kachchh kaolin clay: characterization and application as low-cost catalyst” at Taylor & Francis: Indian Chemical Engineer, Print ISSN: 0019-4506; Online ISSN: 0975-007X (October 2020)

Dr. Milap G Nayak

Published a paper on “Microwave-Assisted Transesterification of Kusum Oil: Parametric, Kinetic and Thermodynamic Studies: Asian Journal of Chemistry 32 (11) (2020) pp 2893-2903 Print ISSN: 0970-7077; Online ISSN: 0975-427X

“The mind is not a vessel to be filled but a fire to be ignited”

— *Plutarch*

Prof. Sunil R. Patel

Published a paper on “Statistical optimizing of electro coagulation process for the removal of Cr using response surface methodology and kinetic study” at Elsevier: Arabian Journal of Chemistry. Volume 13, Issue 9, Pages 1793-6756 (July 2020), ISSN 1878-5352 (Impact Factor: 4.762)

BOOK PUBLISHED

Prof. Shuchen. B. Thakore

Started to write manuscript for 6th edition of book “Stoichiometry” published by McGraw Hill India Education Private Limited.

FACULTY PARTICIPATION

Dr. Femina J. Patel, Dr. Parin D. Shah, Prof. Shuchen. B. Thakore, Prof. Dolly R. Gandhi, Prof. Zoher Z. Painter Prof. Yogesh J Morabiya

Attended a webinar on “NBA Accreditation” delivered by Dr. N. J. Rao and Organized by Internal Quality Assurance Cell, Gujarat Technological University and InPods India Pvt. Ltd. on 11th June 2020.

Dr. Femina J. Patel, Dr. Parin D. Shah, Prof. Shuchen. B. Thakore, Prof. Dolly Gandhi, Prof. Zoher Z. Painter, Dr. Milap G Nayak, Prof. Yogesh J Morabiya, Prof. Sunil. R. Patel, Prof. Jay B. Trivedi, Prof. Ujvala P. Christian

Attended “E-content Development Course under UDAYAM Project” from 28th July 2020 to 8th August 2020 organized by KCG

KCG & HRDC, Gujarat University and sponsored by Government of Gujarat.

Dr. Femina J. Patel, Dr. Parin D. Shah, Prof. Shuchen. B. Thakore, Prof. Dolly R. Gandhi, Prof. Zoher Z. Painter, Dr. Milap G Nayak, Prof. Yogesh J Morabiya, Prof. Sunil. R. Patel, Prof. Jay B. Trivedi, Prof. Ujvala P. Christian

Attended online certificate course on “Comprehensive online Intellectual Property Rights” organized by Gujarat JvStudent Start-up and Innovation Hub (i - Hub) conducted during 6th July 2020 to 14th September 2020.

Dr. Femina J. Patel

Attended one day seminar on ‘SSIP (Student Start-up and Innovation Policy) and Orientation Program for Newly Recruited Lectures and Assistant Professors of Polytechnics and Degree Engineering’ on 28th August 2020.

Prof. Sunil. R. Patel

Attended webinar on “Process Scale-Up Aspects and Importance” on 12th September 2020 organized by NIT Jalandhar & sponsored by TEQIP-III.

Prof. Zoher Z. Painter

Attended webinar on “Sustainable Industrial Development” on 15th September 2020 organized by ChED, GEC, Bharuch & sponsored by GUJCOST and DST.

Dr. Milap G Nayak

Participated in Certificate course named “Nurturing Innovation and Startup Ecosystem (NISE)” from 12th September 2020 to 24th October’ 2020 organized by Gujarat Student Start-up and Innovation Hub (i – Hub).

Prof. Jay B. Trivedi, Prof. Ujvala P. Christian

Attended webinar on “Biomass Resources for Renewable Energy Production” on 26th September 2020 organized by School of Engineering, PPSU- Surat & sponsored by GUJCOST and DST.

STUDENTS START UP POLICY (SSIP)

Dr. Femina J. Patel

- Mentoring SSIP PoCs “Development of Visible Light Responsive Photo catalysts for Dye Degradation”
- Team Members: Shah Parth(190170730021), Drashti Thakkar (190173105012), Pradeep Suthar (190173105010)
- Fund Sanctioned: Rs. 2,00,000
- Sanctioned date: 27th November 2020

Dr. Milap G Nayak

- Mentoring SSIP PoCs “Design and Fabrication of Microwave Probe for Rapid Synthesis of Organic Chemicals”
- Team Members: Kakadiya Bhargav (160170105023), Kewani Hitesh (160170105024), Jambucha Janak Gambhirbhai (160170105022), Ghori Harshil S. (180173105006), Herma Bhagirath Hasmukhbhai (170170105020), Hathia Vishal Mukeshbhai (170170105019)
- Fund Sanctioned: Rs. 1,40,000
- Sanctioned date: 1st July 2019

- Mentoring SSIP PoCs “Waste Plastic to Valuable Product by Pyrolysis Process”
- Team Members: Desai Rajdeep Laxmanbhai (170170105014), Chaudhari Rutvikkumar Ketanbhai (170170105012), Chaudhari Purvik Jivanbhai (170170105011), Delwadia Dhyey Mukeshbhai (170170105013), Chaubey Nishant Ravindranath (180173105004)
- Fund Sanctioned: Rs. 90,000
- Sanctioned date: 27th November 2020

Dr. Milap G Nayak & Dr. K. R. Gurjar

- Mentoring SSIP PoCs “Microwave assisted transesterification of high FFA oil using Heteropoly Acid”
- Team Members: Patel Princekumar Jagjivanbhai (190170730013)
- Fund Sanctioned: Rs. 1,70,000
- Sanctioned date: 27th November 2020

Prof. Yogesh J Morabiya

- Mentoring SSIP PoCs “Isolation of Myristica fragrans essential oil by green techniques: Microwave assisted extraction and Ultrasound assisted extraction”
- Team Members: Sen Ravikumar Mulchandbhai (190170730019), Suthar Sanketkumar Kantibhai (190173105011), Bandhaniya Pratikkumar Gangarambhai (180170105002)
- Fund Sanctioned: Rs. 1,74,600
- Sanctioned date: 27th November 2020

Prof. Sunil. R. Patel

- Mentoring SSIP PoCs “Waste Water Generation and Management in Chemical Industries by Electro-coagulation”
- Team Members: Mahirkhan I Pathan ((170170105045), Rutvik Patel ((170170105043), Udit Patel (170170105044), Chirag Patel (180173105012)
- Fund Sanctioned: Rs. 1,86,000
- Sanctioned date: 1st July 2019

FACULTY PURSUING Ph.D.

Prof. Dolly R. Gandhi

Pursuing Ph.D. in the area of Catalysis under the guidance of Dr. Sachin P Parikh

Prof. Sunil. R. Patel

Pursuing Ph.D. in the area of Advance Separation Techniques under the guidance of Dr. Sachin P Parikh

Prof. Jay B. Trivedi

Pursuing Ph.D. in the area of Catalysis under the guidance of Dr. Paresh H Rana

RESOURCE PERSONS

Dr. Femina J. Patel

Delivered an expert lecture on “Automotive Catalysts and its Coating Process” under the STTP on “Automotive Engine, Emissions & Green Fuel Technology through webinar at A.D. Patel Institute of Technology, Vallabh Vidyanagar on 15th October 2020.

Prof. Shuchen. B. Thakore

Delivered an expert lecture on “Design of Batch Reactor” under the webinar on Emerging Trends in Chemical Engineering at Chemical Engineering Department, L. D. College of Engineering on 28th September 2020.

Delivered an expert lecture on “Design of Batch Reactor” under the webinar on Design of Batch Reactor at Chemical Engineering Department, S. S. Agrawal Institute of Engineering & Technology, Navsari on 9th October 2020.

CONTRIBUTION AS REVIEWER

Dr. Femina J. Patel, Dr. Parin D. Shah

Evaluator to evaluate proposal for Student Open Innovation Challenge (SOIC): Covid 19 (May 2020)

Evaluator to evaluate proposal for Student Open Innovation Challenge (SOIC): 2020-21 Phase 7 (September 2020)

“The beautiful thing about learning is that no one can take it away from you”

— *B. B. King*

“The only real failure in life is one not learned from”

— *Anthony J. D’Angelo*

FACULTY ACHIEVEMENTS

SSIP Prashansa Awards 2020

Dr. Femina J Patel

It is a matter of pride for VGEC, Chandkheda, for being felicitated at SSIP Prashansa Awards 2020, on 17th Dec 2020 at iHub, KCG Campus, Ahmedabad, under various categories. The Institute has been ranked 3rd in the Best Institute category under the leadership of Dr. N. N. Bhuptani. Under SSIP Coordinator - Best Institute Category, Dr. Femina has received 3rd rank.



Certificate of Appreciation received by VGEC College and is categorized as Band A Institution (rank between 06-25) in category of Institutes & Colleges (Govt. And Govt. Aided) in Atal Ranking of Institution on Innovation Achievement (ARIIA) 2020 announced on 18th August 2020 from MHRD, MIC & AICTE where worked as Convener at Institute level to set Innovation Ecosystem.

Prof. Parin D. Shah

Appointed as a member of Environment Task Force Committee for the year 2020-21 by Gujarat Chamber of Commerce and Industry (GCCCI). Appointed as an Invitee member (Professional) in Board of Directors for year 2020-2021 by The Green Environment Service Co-op. Society Ltd., Vatva.

STUDENT ACHIEVEMENTS

Drashti Thakkar (Sem – 5)

Ministry of youth and sports affairs, India arranged a cultural exchange webinar under "Ek Bharat, Shreshtha Bharat". In this webinar volunteers of Gujarat and Chattisgarh exchanged their respective cultures. Both the states represented their cultural heritage by showing their vivid folk dances. 5 Volunteers from GTU were selected from these 20 to attend this webinar under 'Ek Bharat Shreshth Bharat' Drashti Thakkar of 5th semester Chemical Engineering Department, participated as one of the candidates.



"The only real failure in life is one not learned from"

— Anthony J. D'Angelo

**Drashti Thakkar (Sem – 5),
Pradeep Suthar (Sem – 5),
Vraj Patel (Sem – 5),
Anjali Pandav (Sem – 5)**

Won 2nd Prize in an e-poster presentation competition ‘TECHNO-CRAFT’ a state level technical event organized by School of Engineering, P. P. Savani University, Surat on 5th September 2020.

STUDENT PARTICIPATION

COURSES COMPLETED

**Parth Shah (M.E. Sem -3),
Lal Blesswell (Sem – 7),
Vishal Hatia (Sem – 5),
Mahirkhan Pathan (Sem - 5)**

Completed Capacity Building program on “startup Runway” organized by Gujarat Student Start-up and Innovation Hub (i - Hub) from 15th September 2020 to 9th November 2020 organized by Gujarat Student Start-up and Innovation Hub (i – Hub).

Makwana Nikita D. (Sem – 3)

Completed successfully the online courses offered by University of Michigan under coursera on

- Successful Negotiation: Essential Strategies and Skills
- Introduction to Thermodynamics: Transferring Energy from Here to There.

Prajapati Paresh L. (Sem – 5)

Completed the online courses offered by Georgia Institute of Technology on

- Write Professional Email in English.
- Speak English Professionally: In Person, Online & on the Phone

- Build Your Professional e Portfolio in English
- Take Your English Communication Skills to the Next Level.
- Improve Your English Communication Skills Specialization

Modi Ronak S. (Sem - 5)

Attended online training program on “Data Science- Data to Decisions - The Art and Science of Machine Learning” from 3rd October 2020 5th December 2020 organized by EC department of L.D. Engineering College, Ahmedabad.

Buhecha Akash P. (Sem - 7)

Completed successfully the online course on “MATLAB ON RAMP” offered by MATLAB website.

Patel Parimal J. (Sem – 7)

Completed successfully the online course on “DWSIM Flow sheeting Project” offered by FOSSEE, IIT Bombay.

COURSES ATTENDING

Satasiya Bhumitkumar M. (Sem – 3)

Attending online course on “English for our careers” offered by Coursera.

Lalpurwala Sanket S. (Sem – 3)

Attending course on “Speak English Professionally” authorized by Georgia Institute of Technology offered by Coursera.

Navikar Suraj V. (Sem – 5)

Attending online course on “Discipline and the Psychology of Success” offered by Coursera.

Suthar Sanketkumar K. (Sem – 5)

Attending NPTEL course on “Plant Design and Economics” offered by IIT Kharagpur.

Modi Ronak S. (Sem – 5)

Attending online course on “Sustainability in Solar Power and Energy Infrastructure” offered by L. D. College of Engineering.

Attending online course on “Biomass Resources for Renewable Energy Production” offered by GUJCOST, DST and Government of Gujarat.

PARTICIPATION IN WEBINAR AND QUIZ

**Khatri Naitik J. (Sem – 3),
Pandit Mohit G. (Sem – 3),
Panchal Yash R (Sem – 3),
Zalavadiya Hemali C. (Sem – 3)**

Attended webinar on “Advanced Design of Turbo Charger Turbine” on 24th July 2020 organized by Gujarat Technological University Design Innovation Center, Chandkheda.

Pandit Mohit G. (Sem - 3)

Attended webinar on “Opportunities in Process and Product Engineering to Resolve Challenges for Start-Up” on 11th July 2020 organized by Bharati Vidyapeeth College of Engineering, Navi Mumbai.

Patel Rishi N. (Sem - 3)

Attended webinar on “Advanced Sustainable Industrial Development” on 16th October 2020 organized by Government Engineering College, Bharuch.

Participated in Quiz “Dekho APNA Desh on 19th September 2020 organized by Ministry of Tourism and MyGoV.

Modi Ronak S. (Sem – 5)

Attended webinar on “Importance of Optimization and Simulation in Chemical Process Industries” on 29th September 2020 organized by L. D. Engineering College, Ahmedabad.

Lal Blesswell S. (Sem - 7)

Attended webinar on “Biomass Resources for Renewable Energy Production” on 26th September 2020 organized by P. P. Savani University.

Buhecha Akash P. (Sem - 7)

Participated in “53rd Engineers Day celebration 15th September 2020 organized by Dr. S & S.S. Ghandhy Government Engineering College, Surat.

Bhamre Jaykumar D. (Sem - 7)

- Participated in “बिनपानीसबसुन - Emerging threats against the Water Security” on 15th September 2020 organized by Dr. S. & S. S. Ghandhy Government Engineering, Surat.
 - Participated in “Voice of Connecting Flows of Rivers in India” on 15th September 2020 organized by Dr. S. & S. S. Ghandhy Government Engineering, Surat.
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Patel Chiragbhai R. (Sem - 7)

Attended webinar on “Advance Materials in Science and Technology-2020” on 11th September 2020 organized by Nirma University, Ahmedabad.

**Patel Chiragbhai R. (Sem – 7),
Patel Rishi N. (Sem - 3)**

- Attended webinar on “Sustainable Industrial Development” on 15th September 2020 organized by Government engineering College, Bharuch.
- Attended webinar on “Advanced Future Application of Nuclear Energy” on 16th October 2020 organized by Government Engineering College, Bharuch.

INDUSTRIAL VISIT

Enrolment No.	Student Name	Place for Industrial Visit
190170105022	Shubham Manoj Kumar	Attended Virtual Industrial visit to Ultratech Cement, Nestle, Johnson & Johnson, Arcelor Mittal, MTHL on 29 th December 2020 organized by IIT, Bombay
190170105078	Chol Makuei Makuer	
190170105031	Mohit Govindbhai Pandit	
190170105046	Om Rajendrakumar Patel	
190170105022	Shubham Manoj Kumar	
190170105017	Deep Hareshkumar Joshi	
190170105044	Kuldeep Kirtikumar Patel	
190170105075	Vekariya Mitva Rajnikant	
190170105005	Hardik Madhukantbhai Chauhan	
190170105068	Sutariya Jankitkumar mukeshbhai	
190170105062	Nitinkumar Laljibhai Sabalpara	
190170105077	Hemali Chandreshbhai Zalavadiya	
190170105031	Mohit Govindbhai Pandit	

190170105045	Nirmal Kumar Dineshbhai Patel	
180170105015	Gabani Shubham Vallabhabhai	
180170105042	Patel Rajkumar Bhupendrabhai	
180170105045	Patel Raj Bipinchandra	

**EXTRA CURRICULAR
ACTIVITIES**

Mungara Parashar V. (Sem - 3)

Participated in “Perfume Making Competition” organized by Nirma University, Ahmedabad.

Shubham Kumar (Sem - 3)

Participated and scored 95% in the Quiz on "COVID 19 awareness" organized by Vishwakarma Government Engineering college, Chandkheda.

Patel Rishi N. (Sem - 3)

Participated and scored 85% in the Quiz on "COVID 19 awareness" organized by Vishwakarma Government Engineering college, Chandkheda

Participated in PARAMARSH organized by Faculty of Technology M.S. University, Vadodra.

Zalavadiya Hemali C. (Sem - 3)

Participated in India Science Quiz organized by TKM Vigyan Prasar and My GoV.

Participated in STIP 2020 QUIZ organized by My Gov and STIP 2020 Secretariat on 20th September 2020.

Participated in Dekho APNA Desh Webinar Quiz, Episode 55: Rural Tourism: From Previous Niche to Future Norm organized by Ministry of Tourism and My GoV.

Bhamre Jaykumar D. (Sem - 7)

Secured 57.5% in INQUIZITIVE National level Chemical Engineering Quiz organized by B V Raju Institute of Technology.

**EXTENTION ACTIVITIES
(NSS/SOCIAL)**

Lal Blesswell S. (Sem – 7)

Served as Volunteer at CNI Church Maninagar, Ahmedabad for COVID testing during September 2020 to December 2020.

**Pandit Mohit G. (Sem – 3),
Khatri Naitik J. (Sem – 3),
Patel Rishi N. (Sem – 3)**

Participated in the National level E Quiz on "NCC and Indian Armed Forces" on 11th July 2020 organized by St Aloysius College (Autonomous), Mangaluru with 100%.

Zalavadiya Hemali C (Sem – 3)

Participated and scored 94% in the National level E Quiz on "NCC and Indian Armed Forces" on 11th July 2020 organized by St Aloysius College (Autonomous), Mangaluru.

Satasiya Bhumitkumar M. (Sem – 3)

Participated and scored 98% in the National level E Quiz on "NCC and Indian Armed Forces" on 11th July 2020 organized by St Aloysius College (Autonomous), Mangaluru.

**Khatri Naitik J. (Sem – 3),
Zalavadiya Hemali C. (Sem - 3)**

Participated in an online quiz competition based on life of Gandhi, 14th July 2020 organized by TKM college of Engineering, APJ Abdul Kalam Technological University.

PLACEMENT

Enrolment No.	Student Name	Name of the Employer
160170105002	Bhalodiya Meet	Macro Polymers Pvt. Ltd.
160170105005	Bhimani Piyush Pravinbhai	Anjani Udhyog Pvt. Ltd.
160170105016	Gandhi Shrey Sujitkumar	UPL Apprentis
160170105017	Gandhi Yashkumar	Sunpharma
160170105019	Godhani Prashantbhai Chhaganbhai	Anjani Udhyog Pvt. Ltd.
160170105021	Jadeja Vishvajitsinh	Pranav Chemicals, Naroda
160170105025	Lakhani Harsh	Surveyor, Training
160170105035	Patel Ishan	Envirovision
160170105038	Patel Marutkumar Rajeshbhai	Post Office
160170105039	Patel Mitkumar Rameshbhai	Exemed Pharmaceuticals
160170105042	Pithva Dishang Bholabhai	AnjaniUdhyog Pvt. Ltd.
160170105049	Shah Shubham	Baroda Company
170173105009	Patel Aamir Saeedbhai	Sunpharma, Dahej

160170105024	Kewalani Hitesh	Tata Consultancy Services
160170105048	Savukiya Ankit	GPCB, Asstenv. Engg., Gandhinagar
160170105011	Darmore Dashan	GPCB, Asstenv. Engg., Gandhinagar
160170105055	Vaghani Amitkumar Dhansikhbhai	Zentiva Pvt. Ltd., Ankleshwar
160170105047	Rathava Atulbhai Suredasbhai	Pragna Pharma Pvt, Ltd.
160170105026	Malani Bhargav Bhupatbhai	Shakti Distillaries, Sachin
160170105027	Meda Sanjay Shrikanna	IOCL apprentis

ENTREPRENEURS

Enrolment No.	Student Name	Name of the Startup/Firm
160170105006	Chaudhari Vishvamkumar Shaileshbhai	Stock Market Software/ Infinity Investment
160170105028	Mukul Lalwani	SSS Pharmachem Pvt. Ltd.

Congratulations to our Students!!

“Develop a passion for learning. If you do, you will never cease to grow”
— Anthony J. D’Angelo

HIGHER STUDIES

“Learning without thought is a labor lost, thought without learning is perilous”
— Confucius

Enrolment No.	Student Name	Name of the University/ Institute
160170105003	Bhavsar Maharshi	University of Regina
160170105030	Nidhi Parmar	IIT, Madras
160170105012	Ramya Dave	Fanshawe College, Boulevard
160170105023	Kakadiya Bhargav	University of Calgary

“Your smile will give you a positive countenance that will make people feel comfortable around you”
— Les Brown

“Education's purpose is to replace an empty mind with an open one”
— Malcom Forbes

“Once you replace negative thoughts with positive ones, you'll start having positive results”
— Willie Nelson

CREATIVE CORNER



Snehi Borsania | 3rd Sem

EDITORIAL TEAM

Dr. Femina J. Patel
(Department Coordinator)

Prof. Z. Z. Painter
Prof. S. R. Patel

Akash Buhecha (4thYear)
Lal Blesswell (4thYear)
Drashti Thakkar (3rd Year)
Sanket Suthar (3rd Year)
Vraj Patel (3rd Year)
Pradeep Suthar (3rd Year)
Nikita Makwana (2nd Year)
Snehi Borsania (2nd Year)

“People learn more quickly by doing something or seeing something done”
— *Gilbert Highet*

“Learning is never done without errors and defeat”

— *Vladimir Lenin*

“Optimism is the faith that leads to achievement; nothing can be done without hope and confidence”

— *Hellen Keller*



Drashti Thakkar | 5th Sem

“Always turn a negative situation into a positive situation”

— *Micheal Jordan*

The beautiful thing about learning is that no one can take it away from you”

— *B. B. King*