

# VISHWAMIRROR

Reflecting Excellence, Innovation Chronicles

July - Sept. 2025



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## From the Principal's Desk

*It brings me immense pleasure to present this quarter's edition of our newsletter Vishwa Mirror, where the journey of our first-year engineering students begins with both anticipation and pride. As with every aspiring engineer welcomed into our community, may you feel that “you belong here” and that VGEC is more than a campus - it's a launchpad for innovation, leadership, and societal contribution. In this edition, you'll read about our spirited Independence Day celebration with drama and patriotic song performance, the array of academic achievements, and the vibrant non-academic events that together reflect our collective dedication to nurturing responsible, curious, and inventive engineers of tomorrow.*

*Best wishes.*

“

## Key Highlights

- Independence Day Celebration
- STTP on EVs & Hydrogen Fuel Cells
- Students Achievement
- Alumni Corner
- Departmental Events
- Faculty Contributions
- Training & Placement



STTP on Electric Vehicles & Hydrogen Fuel Cells



Celebrating 79<sup>th</sup> Independence Day in VGEC Campus



## VGEC Glows with Patriotic Spirit on 79<sup>th</sup> Independence Day

The NSS and NCC units of VGEC jointly celebrated the 79th Independence Day on August 15, 2025, with unparalleled zeal and patriotic fervour. Since its inception, VGEC has never witnessed such a heartfelt celebration filled with nationalism and civic pride among students. This year's event drew over 150 students, faculty, and staff members to join the momentous occasion.

The programme began with the ceremonial hoisting of the National Flag by the Principal, an act that filled the gathering with pride and reverence. A stirring address by the Principal set the tone for the day, followed by inspirational speeches from Heads of Departments that echoed the ideals of freedom and responsibility.

Meritorious students were honoured for their achievements, symbolizing the belief that academic excellence and patriotic values go hand in hand. First-year students showcased their enthusiasm through cultural performances like a soulful patriotic song, an impassioned speech on the significance of Independence Day. A dance performance on a patriotic song also elevated the mood.

The highlight was the Drama Club's riveting play Shourya, based on Operation Sindoor. The celebrations culminated in an energetic Tiranga Rally across the campus, symbolizing unity, freedom, and the indomitable spirit of our nation.



*79<sup>th</sup> Independence Day Celebration*

## Short-Term Training Program on Electric Vehicles & Hydrogen Fuel Cells



*Glimpses of STTP*

The Department of Electrical Engineering, VGEC Chandkheda, with sponsorship from GUJCOST and approval from CTE Gujarat, organized a one-week STTP on “Electrifying the Future: A Comprehensive Exploration of Electric Vehicles and Hydrogen Fuel Cells” from July 28 - August 1, 2025.

The program was held under the patronage of Dr. V. S. Purani (Principal, VGEC), with Dr. S. N. Pandya as Chairman, Dr. D. R. Dobariya and Prof. V. M. Parmar as Secretaries, and Prof. R. K. Ahir and Prof. G. P. Pipaliya as Treasurers. It was inaugurated by Shri Bipin Talati (IAS, Commissioner of Technical Education) in the presence of Dr. Sachin Parikh (Joint Director, DTE), Dr. V. S. Purani, Dr. S. N. Pandya, and Dr. Raghvan K. (IIT Gandhinagar).

Across 15 sessions, experts from IIT Gandhinagar, Nirma University, IITRAM, PDEU, GERMI, VGEC, and GPERI shared insights on EV technology, charging systems, hydrogen production and storage, fuel cell applications, AI integration, and sustainable mobility. The program, attended by 29 faculty participants from engineering and diploma colleges, also included hands-on training and industrial visits to GERMI, RS Mobility, and iACE Gandhinagar.

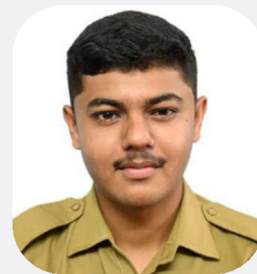
The STTP concluded with an assessment and valedictory session, successfully bridging theory and practice while equipping participants with advanced knowledge in EVs and hydrogen fuel cells—key drivers of sustainable transportation.



## NCC Cadet Priyanshu Joshi achieves All India Rank 10 in TES Entry

Cadet Priyanshu Joshi, a first-year Civil Engineering student and dedicated NCC cadet, has been selected for the 53rd Technical Entry Scheme (TES) course, securing an impressive All India Rank of 10. He is presently undergoing three years of military and technical training at MCEME, Secunderabad, after which he will complete his final year at the Indian Military Academy (IMA), Dehradun. On successful completion of the program, he will be commissioned as an officer in the Indian Army.

*Cadet Priyanshu Joshi joins the prestigious Military Training Academy*



## VGEC Shines at OYCE Award (IIT Bombay)

VM Achala and Vaghela Nandani (7th sem) won the Second Prize at the Outstanding Young Chemical Engineers (OYCE) Award held at IIT Bombay on 5<sup>th</sup> - 6<sup>th</sup> Jul '25, under the guidance of Dr. Femina J. Patel.



*Achala and Nandani at OYCE Awards*

## Chemical Engineering Students Shine as Finalists at IChE - CHEMATHON 2025

Students of the Chemical Engineering Department Shreyansh Jani, Hemnani Jenisha, Nimi Jha, and Darshan Joshi became finalists at IChE-CHEMATHON 2025, held from 15th to 17th Aug '25, organized by Dharmisinh Desai University in association with IChE. The team presented their project on "Process Intensification and Optimization of Biodiesel Production under SDG-13" guided by Dr. Hiral N. Pandya, and won a prize of ₹5,000.



*Shreyansh Jani, Jenisha Hemnani, Nimi Jha and Darshan Joshi accepting the award*

## Record - Breaking Young Author

At just 17, Maharshi Harjibhai Asodariya, Student of Electrical Engg, became the youngest to author handwritten exam guides in Gujarati, empowering future exam aspirants with Chemistry, Physics, and Math study aids.



*Maharshi Harjibhai Asodariya receiving award*

## Team Electron Wins First Prize at Dewang Mehta IT Awards



*Zeel Prajapati, Tirth Chauhan, Yatish Gandhi and Rishi Chauhan at the Dewang Mehta IT Awards*

Team Electron of EC department Zeel Prajapati, Tirth Chauhan, Yatish Gandhi, and Rishi Chauhan won First Prize at the Dewang Mehta IT Awards 2025 for "ElectroShield", a high-voltage detection helmet protecting electrical workers. Selected from 225 projects across 41 colleges, the team also received ₹1,00,000. Mentored by Dr. Ghanshyam Sah and Prof. Jayesh Diwan, the students demonstrated innovation, technical excellence, and social impact.

## Alumni Corner

### From Classrooms to Careers

The Chemical Engineering Department hosted an alumni session on 8th Jul'25 attended by Mr. Raval Rishabh (Zydus Life Science Ltd.) & Mr. Pathar Sagar (Adani Solar). The event was coordinated by Dr. Hiral Pandya & Dr. Sonal Prajapati, the talk guided 60 students on placements and career growth.



*Students attending session "From Classrooms to Careers"*

### Beyond The Degree



*M. Purohit delivering the session: "Beyond The Degree"*

Alumnus Mr. Manan Purohit (Jet Vacuum Systems Pvt. Ltd.) addressed 34 students of the Chemical Engineering Department on July 10, 2025, sharing his career journey and professional experiences. The event was coordinated by Dr. Hiral Pandya and Dr. Sonal Prajapati.

### Cracking Placements

The Department of Chemical Engineering organized an alumni session on July 31, 2025, conducted by Mr. Rajdip Vadhiya from Reliance Industries Ltd. The program was coordinated by Prof. Jay Trivedi and Dr. Sonal Prajapati, he shared valuable placement preparation tips with around 50 students.

### Placement Strategies Session

Dr. Williams Koshy (Alumnus 2010, GEC Bhuj) delivered a session on "Strategies for Successful Campus Placement" on July 31, 2025, guiding 55 students on resume building, aptitude preparation, and interview skills. The event was coordinated by Prof. Z. Z. Painter and Dr. Sonal Prajapati (Chemical Department).



*"Dr. Koshy delivering the session "Placement Strategies"*

### Selected in GPSC Exam

Patel Kishan Jasvantbhai, a 2021 Civil Engineering passout, was selected in the GPSC exam for Assistant Engineer at the R&B department.

## SCC Mix Proportioning Expert Session

The Applied Mechanics Department conducted an expert session on "Advancement in SCC Mix Proportioning" on 23 July 2025, where students explored innovations, challenges, and the importance of special concrete mix design students on placements and career growth.



*"SCC Mix Proportioning" Expert Lecture*

## "Sustainable Water Management" by Padma Shri Uma Shankar Pandey



*Expert Talk: "Sustainable Water Management"*

Padma Shri Uma Shankar Pandey, creator of the Jakhni Model, delivered a talk "Khet par Med, Med par Ped" on 12th Aug '25 at VGEC. He urged students to adopt water conservation practices and plant trees under the initiative "Ek Ped Krantiviro Ke Naam."

## Piping & Process Plant Engineering

The Chemical Engineering Department organized an expert talk on "Piping Engineering and Process Plant Engineering" on 29th Jul '25, delivered by Mr. Nitin G. Nageshwar (YoKu Filters Pvt. Ltd.). The session, coordinated by Dr. Hiral Pandya & Dr. Sonal Prajapati, was attended by 65 students.



*Students indulging in expert talk "Piping Engineering and Process Plant Engineering"*



## NBA Awareness Expert Lecture

The Civil Engineering Department held an expert lecture on “Empowering Students for NBA Awareness & Contribution” on 23rd Jul '25 at Visvesvaraya Auditorium. Students learned about accreditation processes, documentation, and participation during NBA visits.



*Expert Lecture on Empowering Students for NBA*

## Workshop on Effective Listening

The EC department organized a workshop on “Effective Listening” on 25th Jul '25, led by Dr. Dilip Kothari (Professor Emeritus, Ganpat University). The session enhanced students' empathetic and active listening skills for effective communication.



*Workshop on Effective Listening*

## Startups & Innovation Talk

The Power Electronics Department hosted alumna Nehal Prajapati (Manager, KIIF) for an induction talk, “From Ideas to Income,” on July 2, 2025. She inspired freshers with practical insights on startups and innovation.

### VGEC's PE Dept hosts expert talk for students



As part of its ongoing induction programme, the Power Electronics (PE) Department of Vishwakarma Government Engineering College (VGEC) hosted an expert talk on 'Startups and Innovation', where alumna Nehal Prajapati delivered a discussion on the mindset and realities of modern entrepreneurship as well as what it truly means to launch a startup in today's India.

*Expert Talk: “From Ideas to Income”*

## NLP & GenAI Talk

Ms. Hima Soni (Bacancy Technology) delivered a session on “Transforming Text Data into Insights with NLP & GenAI” at the IT Department on August 6, 2025. The event was coordinated by Prof. Dipak Patel at B-201, VGEC.



*Expert Lecture by Hima Soni on NLP & Gen AI Talk*

## Orientation 2025 of The Cyber Force

The Cyber Force (TCF) Club organized its Orientation Program 2025 on 3rd Sep '25 at the A-block Auditorium. The session introduced students to TCF's mission, vision, and upcoming activities. The event was graced by Dr. Rinkesh Bansal (IBM), Dr. V. D. Patel (HOD, IT, VGEC), Dr. Purvi Ramanuj (Faculty Coordinator, TCF VGEC), Dr. Kuntesh Jani (TCF LDCE), and Mr. Chaitanya Vekaria (Chairman, TCF LDCE). With the enthusiastic participation of more than 350 students, the orientation created an inspiring atmosphere.



*Orientation Programme - TCF*

## Soft Skills Expert Talk

The IT Department organized an expert talk on “The Soft Skills Edge” on 24th Jul '25, delivered by alumnus Mr. Chintan Dave (Batch 2008-12). This event was coordinated by Prof. Dipak Patel, it helped students to improve communication, collaboration, and confidence.

*Chintan Dave interacting at Soft Skills Talk*



## Alumni Interaction for Freshers

Alumni Dr. Bhavesh Patel, Mr. Kush Takalkar, and Mr. Jenish addressed first-year students of the Chemical Engineering Department on June 25, 2025. The event was coordinated by Dr. U. P. Christian and Prof. R. R. Merchant, the session offered career insights and mentorship.



*Students at "Alumni Interaction for Freshers"*

## SCC Mix Design with Ultratech Cement



*Expert Lecture on "SCC Mix with Ultratech Cement"*

An expert lecture on "Advancement in SCC Mix Proportioning" was organized on 4th Aug '25 by the Applied Mechanics Department in collaboration with Ultratech Cement.

Mr. Jay Shah shared insights with 160 students. The session was coordinated by Prof. M. V. Chauhan & Dr. B. G. Buddhdev with student coordinators.

## CyberAware BootCamp



*Students at CyberAware BootCamp*

The IT Department hosted a "CyberAware Boot-Camp" on 28<sup>th</sup> - 29<sup>th</sup> Aug '25, conducted by Mr. Smit Patel (Sr. Cyber Security Analyst, Kavayah Cloud). This event was coordinated by Dr. Khushali Raval, 34 students gained awareness of cyber threats and safe practices.

## IBM Workshop for AI Skilling and Innovation

GKS led - IBM offline workshop for all branches as part of AI skilling and Innovation camp to be organized in Nov '25 as per MOU between GKS and IBM.



*Students at IBM-Skillsbuild Programme*

## Awareness Session on English Excellence Training Programme

In association with SCOPE (Society for Creation of Opportunities through Proficiency in English), an Awareness Session on the English Excellence Training Program was successfully organized on July 30, 2025. The session was graced by the Principal and guided by Prof. Mansi Shivani (Joint CEO, SCOPE), who shared valuable insights into the program's vision and benefits.



*M. Shivani at English Excellence Training Programme Awareness Session*

## NSS Volunteers join Raj Bhavan Blood Donation Camp



*NSS Volunteers at Raj Bhavan Blood Donation Camp*

On the birth anniversary of Smt. Darshna Devi, the 14th Blood Donation Camp was held at Raj Bhavan, Gandhinagar. 11 NSS VGEC volunteers donated blood and assisted in coordination, reflecting the NSS spirit of service and social responsibility.



## Celebration of 11th International Yoga Day



*International Yoga Day*

The NSS Unit celebrated the 11th International Yoga Day. Alumna Ms. Nidhi Gevariya led sessions on asanas, pranayama, and meditation, reflecting the theme “Yoga for One Earth, One Health.”

## NSS Orientation 2025

The NSS Unit held its Orientation on 28th August 2025 with 120+ students. Volunteers shared experiences, and Prof. Balvant Makwana inspired students to pursue discipline, leadership, and service.



*NSS Orientation Programme 2025*

## Leadership for Transformation: Ancient Wisdom, Modern Vision

NSS volunteers Tanvi Parmar (EC-5th Sem) and Shashikala Prasad (PE-5th Sem) attended a session on “Indian Leadership Principles: Ancient Insights for Modern Challenges,” addressed by Prof. B. Mahadevan and graced by Hon’ble PM Narendra Modi on August 24, 2025. The event inspired youth to embrace value-based leadership and create a positive societal impact.

## NSS Volunteers Shine at State-Level Pre-RD Parade Selection

Karan Ahir and Aanchal Khatwani (5th Sem, E&C) represented GTU at the State-Level Selection of the Pre-Republic Day Parade Camp 2026, held at Gujarat Vidyapeeth on August 20, 2025. With discipline and confidence, they showcased strong leadership and communication skills, making it a proud moment.



*NSS Volunteers Shine at State-Level Pre-RD Parade Selection*

## NSS Recruitment Programme 2025

The NSS Unit successfully organized its Recruitment Programme from 1st to 9th September 2025, receiving overwhelming participation from students across departments guided by the motto “Not Me, But You”.



*NSS Recruitment Programme 2025*

## Expert Talk : From Idea to Enterprise

The Chemical Engineering Department organised an expert session titled “From Idea to Enterprise: Industry Perspectives on Entrepreneurship” under the IEI Students Chapter on August 6, 2025. Mr. Krunal Shah, Founder & Managing Director of Dentact Solutions Pvt. Ltd., shared insights on transforming ideas into successful businesses with 67 students. The event was coordinated by Dr. Hiral Pandya and Dr. Sonal Prajapati.



*Students attending the expert talk “From Idea to Enterprise”*

## Expert Lecture on Substation Technologies

The Electrical Engineering Department, under the IEI student chapter, organised an expert lecture on “Comparative Study of AIS, GIS, and Hybrid Substations with Equipment Layouts” by Mr. Mahesh G. Narvekar (Deputy Engineer, GETCO) on 7<sup>th</sup> August 2025. A total of 142 students attended and gained key insights into AIS, GIS, and Hybrid substation layouts. The session was coordinated by Prof. M. L. Patel and Prof. N. B. Lodha.

*Mr. Mahesh Narvekar, welcomed by Dr. V S Purani, Principal VGEC*



## “ FRESHCODE 4.0 ” Regional Coding Competition at VGEC

The IEEE Student Branch organized “FRESHCODE 4.0” on August 19, 2025, attracting 60 participants for an offline Codeforces-based contest at J-205 auditorium. The two-round competition tested coding skills, with winners awarded cash prizes and certificates, and the top 10 participants received IEEE goodies.

1st : Ronak Patel (CE, Sem 5, GEC Gn.)  
2nd : Manan Sanghani (CE, Sem 5, GEC Gn.)  
3rd : Deep Chovatiya (CE, Sem 3, VGEC)



*Winners, IEEE members with Dr. H. D. Mehta & Prof. J. J. Jadav*

## World Entrepreneurs' Day Pledge Ceremony at VGEC

The E-Cell celebrated World Entrepreneurs' Day on August 21, 2025, with a pledge ceremony in the Department Classroom. Over 300 students participated, taking a collective pledge to nurture innovation, creativity, and entrepreneurial spirit.



*Students at the Pledge Ceremony*

## Expert Talk on Simulation Tools in Engineering Careers

The Chemical Engineering Department organized a session on “Engineering Careers and Simulation Excellence: Exploring Aspen, HYSYS & PetroSim” by Mr. Nimit Vasani (KNPC) on August 25, 2025. 65 students participated in the event, which was coordinated by Dr. Hiral Pandya and Dr. Sonal Prajapati.



*Students at Nimit Vasani's session*

## Expert Lecture on Drilling Safety by ONGC Expert

The Chemical Engineering Department organized an expert lecture under the IE(I) Students Chapter titled “Engineering Safety: A Deep Dive into ONGC's Drilling Operations” on July 9, 2025. Mr. Vinod Kimothi, Retired Chief General Manager (Drilling), ONGC, Ahmedabad, shared practical insights on safety, risk assessment, and emergency response with 74 students. The event was coordinated by Dr. Hiral Pandya and Dr. Sonal Prajapati.



*Students attending the lecture on “Drilling Safety”*



## Expert Talk on Project Management for Engineering Students



*Dr. Falak Barot, delivering his session*

The Chemical Engineering Department, under the IEI Students' Chapter, organised an expert talk on "Project Management – A Crucial Skill for Engineers." The session was delivered by Dr. Falak Barot, Senior Manager of Projects at GSPC LNG Ltd., on 30th August 2025, and provided 70 students with valuable insights into practical project management skills. The event was coordinated by Dr. Jay Trivedi.

## Session on Lean Startup & MVP Secrets

E-Cell and IIC organized an insightful session titled "Zero to Launch: Lean Startup & MVP Secrets" by Mr. Satya Mehta (Co-founder & CBO, MealPe). 180+ students attended the session, coordinated by Prof. Hetal Joshiyara and Prof. Rozina Surani.



*Satya Mehta interacting with students*

## Dramatics Club wrapped up "Out of Syllabus"

The Drama Club proudly wrapped up its drama "Out of Syllabus" with an overwhelming response from the audience on 3rd Sep '25.



*Audience at drama performance "Out of Syllabus"*

## Mission English

### A Student-led Journey to Redefine Learning

During Mission English sessions led by Dr. Vaseem Qureshi (Asst Prof, English), enthusiasm, teamwork, and communication filled the room as students actively participated. From group discussions to language challenges, from team dynamics to individual presentation, the event transformed traditional learning into an engaging, student-led experience.



*Students engaging at a Mission English Session*

## Photography Club hosts "Campus Photo Walk"

The Campus Photo Walk was a refreshing journey through the lens - where participants explored the beauty; found unique perspectives, framed stories in every corner of the campus. It was conducted by VGEC Photography Club on 4<sup>th</sup> Sep '25.



*Students at "Campus Walk"*

## AdvaNature conducts annual art competition : "MeghDhanush 8.0"

AdvaNature Club successfully organized MeghDhanush 8.0 - A Drawing Competition on 3rd Sep '25. With themes of Boundless Adventure, Nature, Conservation and Sketching Heritage, students beautifully expressed their ideas through colors and art.



*A painting presented at "MeghDhanush 8.0"*

## "Story in Still"

### Photography Workshop

Photography Club hosted "Story In Still - A Photography Workshop" on 3rd September 2025 in which Hetvi Tailor (EE, 3rd Sem) & Prapti Shah (CSE-DS, 3rd Sem) - shared their insights on the art of visual storytelling.



*Hetvi Tailor and Prapti Shah at "Story in Still"*

## Sports Matches & Medals

- Arnav Abhigaya of EC dept. achieves victory in Chess Zone 2 and Chess Interzonal.
- Parth Makwana of EC dept. emerges as Kabaddi Zone 2 winner.
- Kamakshi Sanghani, IT 5th Sem, with team triumphs in GTU Spirit 2025-26 Interzonal Kabaddi Tournament.

Chess Team Boys - Parth Panchal, Tirth Ghevariya, Krunal Solanki, Pushpak Shushat, Fenil Prajapati and Arnav Abhigaya, in GTU sports event "SPIRIT 2025-26" Zone-2, held on 1st Aug '25 at GTU Campus, Chandkheda and secured 1st position, on 11th Aug '25 at VVP Rajkot.



*Chess Team Boys lifting the interzonal trophy*

Kabaddi Team Boys - Bhargav Kamliya, Parth Makwana, Mousam Nayak, Jeet Dhameliya, Shlok Goswami, Divyesh Patel, Mahesh Dalvi, Ammol Ojha, Prashant Bhadauriya, Deep Patel, Karan Patel and Harshil Gondaliya, emerged victorious in the GTU Sports Event "SPIRIT-2025-26" - Zone 2, on 6th Aug '25 at GPERI campus Mehsana and secured 2nd position at Interzonal Level, on 18th Aug '25.



*Kabaddi Team Boys with their winning trophy*

Kabaddi Team Girls - Sneha Rai, Kamakshi Sanghani, Kumawat rajesh, Sonal Rathwa, Singh Shreya, Patel Vishwa, Tank Shraddha, Patel Formi, Kinjal Makwana, Dharmi Lakhani, Dhruviben Pokar, and Padhiya Kripa, emerged victorious in the GTU Sports Event "SPIRIT-2025-26" - Zone 2, held on 6th Aug '25 at GPERI campus Mehsana and secured 1st position at Interzonal Level, held on 19th Aug '25.



*Kabaddi Team Girls-proud moments*



*Kabaddi Team Girls with the Principal*

## IEI Student Chapter Presents Quickie Quest 2025

Instrumentation & Control Engineering Department organised a Quickie Quest event under the IEI student Chapter VGEC, Chandkheda on 26th August 2025. This



*Quickie Quest Event*

initiative aims to engage students in an interactive and intellectually stimulating activity that integrates technical problem-solving with an element of fun. It also aims to provide students with an opportunity to apply their knowledge in a technical way, enhance their leadership skills, and foster a sense of ownership and responsibility in their academic journey.



## Expert Talk on Career Path For an Engineer



*Expert Talk on Career Path For an Engineer*

The CE and CSE-DS Departments, in collaboration with VAA, organized an engaging expert talk on “Career Paths for an Engineer” for 3rd-year CE and CSE-DS students. The session was held on 11th July 2025 at the VGEC campus and aimed to guide students about the diverse opportunities and directions available in the field of engineering.

## Talk on BIM - Driven Construction Design

The Applied Mechanics Department organized an expert lecture on “BIM - Driven Construction Design : A Modern Approach” on 23rd Jul '25 at Visvesvaraya Auditorium for Sem 3 and 5 students. The talk introduced Autodesk Revit, STAAD Pro, and AR/VR in construction.



*“BIM-Driven Construction Design” Expert Lecture*

## Industry Visit to IPR, Bhat

An industrial visit to the Institute for Plasma Research (IPR), Bhat was organized by the EC Department on 4th August 2025 for Semester 7 students.



*Visit to IPR, Bhat*

The session focused on educating students about Plasma and fusion Science & Technology, along with its wide-ranging societal applications.

## Industry Visit to BISAG

The EC Department organized an industrial visit to BISAG, Gandhinagar on 25<sup>th</sup> and 26<sup>th</sup> July 2025 for Semester 5 students. The visit aimed to provide students with valuable knowledge about emerging technologies in the field of communication, particularly focusing on satellite communication systems.



*Visit to BISAG*

## Industry visit to the Vikram Sarabhai Space Exhibition (VSSE)

The EC Department also arranged an industrial visit to the Vikram Sarabhai Space Exhibition (VSSE) on 5th and 6th August 2025 for Semester 3 students. The visit provided students with insights into India's advancements in space research and applications, inspiring them to explore opportunities in the field of space technology.



*Visit to VSSE*

## VGEC & Matangi Industries Forge Industry-Academia Alliance

The Chemical Engineering Department on 30th Jul '25 of VGEC, Chandkheda, signed a 5-year MoU with Matangi Industries Ltd., Vatva GIDC, Ahmedabad, to strengthen industry-academia collaboration. The partnership enables knowledge exchange, industrial visits, internships, expert lectures, and offers Matangi Industries priority for campus placements.

## Faculty Contributions : Publications & Patents Pushing

The frontiers of knowledge through research, innovation and collaboration

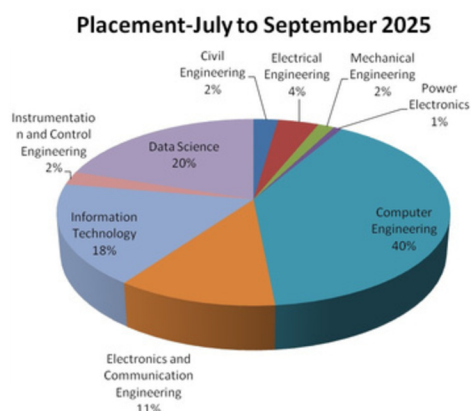
Dr. S. S. Modasiya (EC Department) has been granted two design patents: Underwater Remotely Operated Vehicle and Octagonal Frequency Reconfigurable Slotted Patch Antenna.

Prof. Gaurav Asari of EC department has completed his Ph.D. in the field of "Metamaterial-Based Bandpass Filters for 5G Applications."

The institution is pushing the frontiers of knowledge through research, innovation, and collaboration. In terms of faculty contributions, 8 faculty members have attended Faculty Development Programs (FDPs), 12 research papers have been published, and several patents have been filed.



## Placement Spotlight : Trends, Offers and Insights



**Placement Year:** 1st July 2025 - 30th June 2026

**Placement Period:** First Quarter: 1st July 2025 to 30th September 2025

**Highest Package Offered:** 6.12 lakh/annum

**Highest Package Offered in Academic Year 2024 - 25:** 12.45 lakh/annum

## Collaborative Academic Endeavours

Highlighting faculty roles in conferences, expert talks and academic networks

Dr. Vibha D. Patel - Department of Information Technology, was invited as Session Chair at the International Conference on Artificial Intelligence and Machine Vision (AIMV 2025), held on 17th Aug '25 at PDEU, Gandhinagar, Gujarat, India. She also delivered an expert talk on "The Road Ahead: Future Avenues of AI and Machine Learning" on 23rd Jul '25, at SSEC, Bhavnagar.

Dr. S. S. Patel - Department of Mechanical Engineering, delivered an expert talk on "Optimal Transformer Design Using Genetic Algorithms" on 3rd Jun'25 in the Short-Term Training Programme (STTP) on Emerging Trends and Practices in Optimization and Sustainable Technology, conducted by LDCE at the NITTTR Extension Centre.

Dr. S N Pandya - Department of Electrical Engineering, delivered an expert talk on "Power Train Topology in EV" in STTP on "Electric Vehicle and Hydrogen Fuel Cell" on 1st August, 2025.

Dr. D R Dobariya - Department of Electrical Engineering, delivered an expert talk on "Induction Charging" in STTP on "Electric Vehicle and Hydrogen Fuel Cell" on 1st August, 2025.

Dr. D J Vaghela - Department of Electrical Engineering, delivered an expert talk on "Power electronics for EV" in STTP on "Electric Vehicle and Hydrogen Fuel Cell" on 1st August, 2025.

## Major Recruiters





## Creative Corner



Prof N P Singh  
(Head, Civil Engg Dept)



Bansari Patel  
Civil | [3<sup>rd</sup> Sem.]

### "Candle" by Shreya M Mudaliar [EC | 3<sup>rd</sup> Sem.]

The candle flame flickers  
Golden like the daughter of day,  
I sit by the windowsill,  
It casts colossal shadows over the walls,  
My silhouette in dismay.

Beside the candle ablaze, a letter  
I break open the wax seal,  
Reminisce the scent of ink,  
Pouring my heart over the parchment ,  
Wax fills the cracks in my oak table ,  
I close the envelope, a familiar ordeal.

The final moments of the candle,  
The fire dances precariously, yellow and pale,  
Yearns for atonement  
With hearth or pyre,  
Alas, the nimbus punishes with gale;

The tempest leaves nothing  
But the dying smoke of the candle,  
My shadows are no longer strange,  
I wipe the desk, the wax cocoons my fingers,  
The earth will be my cradle, my sage.

## The Engineers' Day : A Tribute to Sir M. Visvesvaraya



**Sir M Visvesvaraya**  
The Father Of Indian Engineering

M. Visvesvaraya is a significant Indian engineer and statesman whose birth anniversary on September 15 is celebrated as National Engineers' Day in India. The day honors his extensive contributions to India's infrastructure, particularly in water resource management, and serves to recognize the crucial role of all engineers in the country's development and innovation.

He was a renowned civil engineer responsible for designing and overseeing the construction of numerous dams, irrigation systems, and drinking water projects across India.

Some of his most notable achievements include the design of the Krishnaraja Sagar (K.R. Sagar) dam and its associated Brindavan Gardens, the implementation of flood control systems, and the establishment of the Bhadravati Iron and Steel Works.

He was awarded the Bharat Ratna, India's highest civilian honor, recognizing his groundbreaking contributions to the nation.

## EDITORIAL & DESIGNING TEAM

### Patron

Dr. V. S. Purani (Principal)

### Convenor

Prof. Shalini Rankawat

### Editors

- Prof. Vaseem Qureshi
- Prof. Grishma Pipaliya
- Prof. Aashish Patel
- Prof. Kamakshi Kaul

### Designers

- Mukund Rami
- Vrushti Patel (CE | 7th)
- Parikh Kripa (IC | 5th)
- Shreya M Mudaliar (EC | 3rd)
- Jadeja Harpalsinh (Chem. | 5th)
- Ankitkumar Rot (CSE[DS] | 3rd)
- Panchal Srushti (E&C | 3rd)
- Divija Bhatt (IC | 5th)



**VISHWAKARMA**  
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