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VISION

To provide a dynamic learning platform in the area of Civil Engineering with global perspectives, to make the students socially responsible and technically competent for innovation and entrepreneurship.

MISSION

- To develop well-equipped modern laboratories and infrastructure for conducive teaching-learning environment.
- To promote innovative education system, research and consultancy work for industrial and societal needs.
- To enhance ethically strong professional and entrepreneurship skills to manage turnkey projects.
- To inculcate the value system in the students to provide socially responsible and eco-friendly solutions in the field of construction industry.

PSO's

- Graduates will be able to apply fundamental and technical knowledge to solve day-to-day societal problems related to the field of civil engineering.
- Graduates will achieve expertise in design and analysis of structures using modern civil engineering tools.
- Graduates will have lifelong learning habits to achieve functionally efficient, cost effective and safe solutions for modern infrastructure development.
- Graduates will have the ability to become skilled professionals or entrepreneurs committed to ethical practices and sustainable, eco-friendly engineering solutions.

PEO's

- The graduates shall be able to apply technical knowledge and skill for solving real-world Civil Engineering problems.
- The graduates shall be able to engage themselves to achieve expertise in analysis and design of structures by modern Civil Engineering tools and techniques.
- The graduates shall become responsible technocrats to deliver environmental friendly sustainable solutions.
- The graduates shall become capable to demonstrate the best Civil Engineering practices through adaptations to ethics and bye-laws.
- The graduates shall be able to pursue their career as professional entrepreneur in the field of Civil Engineering.

HoD's Message

I welcome the students and faculty members to the beginning of a new semester. The new semester started by welcoming our young friends of first year. During the induction programme they were made to relax and exposed to a series of interesting lectures.

The atmosphere remained vibrant throughout the programme. Our students have been doing well in academics as well as in cocurricular activities. A couple of things were selected for the republic day parade held at the national capital. We have been experimenting with pedagogical methodologies and approach new ideas with an open mind. After being NBA accredited for the last six years, We have applied again for the accreditation. I am sure the department come up with flying colors. Best of luck to all the faculty members and the students !!

Dr. N. P. Singh

H.O.D

Civil Engineering
Department

Farewell



We extend our heartfelt gratitude and best wishes to Mr Naveen Patel on the occasion of their retirement. As a dedicated Surveying Instructor, he has played a pivotal role in shaping the academic and professional foundation of countless students. Their expertise, patience, and commitment to excellence have left a lasting legacy in the department. With sincere appreciation for their years of service, we wish Mr Naveen Patel a joyful and fulfilling retirement, filled with good health and happiness.

Faculty Transitions & Honors

The Civil Engineering Department extends heartfelt wishes to our esteemed faculty members on their new beginnings and accomplishments.

Prof. S. A. Trivedi, a pillar of support and guidance in our department, has been transferred to L.D. Engineering College—his presence will be truly missed. Prof. K. L. Timani, known for his dedication and calm demeanor, has also been transferred to Government Engineering College, Bhuj. We sincerely thank both for their valuable contributions.

At the same time, we warmly welcome Prof. B. R. Shah, who joins us from Government Engineering College, Modasa. We are confident that his experience will greatly enrich our department.

Heartfelt congratulations to our faculty members on their promotion to Associate Professor – Prof. Y. J. Patel, Prof. C. N. Patel, Prof. D. J. Variya, Prof. U. D. Pandya, and Prof. P. N. Nimodiya. We extend our best wishes to Prof. Y. J. Patel and Prof. C. N. Patel, who have moved on to new roles at other institutes—may their future endeavors be fulfilling and impactful. We are pleased to welcome Prof. U. D. Pandya and Prof. P. N. Nimodiya to our college and look forward to their contributions. A special note of recognition goes to Prof. D. J. Variya, who has not only been promoted but also appointed as the Head of the Department of Applied Mechanics at our institute. We congratulate all and wish them continued success in their academic journeys.



Faculty Participation

- **Prof. D. R. Rawat, Prof. P. B. Mistry, Prof. A. N. Dave, and Prof. Dr. D. J. Varia** from the Department successfully participated in the 5-day “Ansys Multiphysics Training” held from 24th to 28th March 2025. The training was organized in collaboration with Ansys (Elite Channel Partner) and ARK Infosolutions Pvt. Ltd..
- **Prof. Dr. U. D. Pandya** earned Elite Certification in the NPTEL-IIT Bombay course on “Rural Water Resources Management” with 90% marks, ranking in the top 5% of 737 participants.
- **Prof. Dr. U. D. Pandya** attended a One-Day AI Workshop on Awareness and Readiness organized by the Commissionerate of Technical Education, Gujarat, in collaboration with GTERS, focusing on AI tools and digital skills.
- **Prof. M.V.Chauhan** Attended a Short-Term Training Programme on “Current Practices in Design and Detailing of Steel Structures” organized by Nirma University, Ahmedabad, in collaboration with INSDAG, Kolkata, from 16th to 20th June 2025. The program included sessions on design concepts, software training (STAAD.Pro, ETABS, TEKLA), and real-world case studies.
- **Dr. Bhavin G. Buddhdev** served as a Board of Studies (BoS) Member at Monark University, Vehlal, Ahmedabad in 2025.
- **Prof. Bhagyesh C. Contractor and Dr. Bhavin G. Buddhdev** published a research paper entitled “Soil Erosion Estimation using the SWAT Model in Hathmati Watershed of the Sabarmati River Basin” in Indian Journal of Soil Conservation, ISSN 0970-3349, DOI: 10.59797/ijsc.v52.i3.173, Vol. 52, Issue No. 3, February 2025, pp. 197–206.
- **Prof. Bhagyesh C. Contractor and Dr. Bhavin G. Buddhdev** published a research paper entitled “Quantitative Assessment of Soil Erosion in the Hathmati Watershed using the SWAT” in International Journal on Science and Technology (IJSAT), ISSN 2229-7677, Vol. 16, Issue No. 2, April–June 2025, pp. 1–12.
- **Dr. Bhavin G. Buddhdev** delivered an expert lecture entitled “Concrete Production Process – Part I & II” in the DET & GET Training Program at Adani University, organized by the Department of Civil and Infrastructure Engineering, Faculty of Engineering Sciences and Technology, during March 31st to April 5th, 2025.

Faculty Participation

- **Dr. Bhavin G. Buddhdev** participated in a One-Week FDP on “AI & ML for Smart and Sustainable Solutions in Civil Engineering” organized by Sasi Institute of Technology & Engineering, Tadepalligudem, Andhra Pradesh, in association with IGS-Tadepalligudem Chapter, from 18th to 22nd March 2025.
- **Dr. Bhavin G. Buddhdev** was invited as an Evaluator for the Civil Engineering Exhibition “नवसृजनम्” organized by the Civil Engineering Department at Pandit Deendayal Energy University, Gandhinagar on 11th April 2025.
- **Dr. Bhavin G. Buddhdev** successfully completed a 12-week NPTEL-AICTE IIT Madras MOOC Course on “Maintenance and Repair of Concrete Structures” (20th January 2025 – 11th April 2025), earning Top 5% Topper recognition.
- **Prof. Dr. D. J. Varia, Prof. P. N. Nimodiya, and Prof. M. V. Chauhan** also successfully completed the 12-week NPTEL-AICTE IIT Madras MOOC Course on “Maintenance and Repair of Concrete Structures” (20th January 2025 – 11th April 2025).
- **Dr. Bhavin G. Buddhdev** participated in the International Webinar Series on Geoenvironmental Engineering, Sustainability, and Resiliency, organized by the Department of Civil, Materials, and Environmental Engineering, University of Illinois, Chicago, USA, from 16th January to 1st May 2025.
- **Dr. Bhavin G. Buddhdev** participated in a Short Course on Innovative Foundation Design Methods for Structures on Expansive Soils organized by IIT Gandhinagar from 23rd to 25th January 2025.

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"Active involvement of faculty strengthens both learning and leadership within the college."

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Expert Lecture on Next-Gen Construction: AR/VR for Design & Execution

The Civil Engineering Department on 29th January 2025 hosted an expert lecture on "Next-Gen Construction: AR/VR for Design & Execution" by Mr. Sani Chaurasiya. The event was guided by Faculty Coordinators Prof. Bhagyesh Contractor and Prof. D. R. Rawat, along with Student Coordinator Ninama Tirth. The session covered the role of AR/VR in enhancing design visualization, structural simulations, MEP systems, and BIM integration. With 73 students participating, the event provided valuable insights into how immersive technologies are transforming modern construction practices and explored future trends like AI-driven AR/VR solutions.



Expert Lecture on "Empowering Minds with Finstreet.AI"

The Civil Engineering Department organized an expert lecture on 28th February 2025 by Mr. Aravind Krishnan, CPMO of Finstreet.AI. This work was guided by Faculty Coordinator Prof. D. R. Rawat and Student Coordinator Chelsi Meena. The session highlighted AI's role in business, data-driven decision-making, and startup innovation. It also encouraged students to explore higher studies in specialized engineering fields. The event saw active participation from 50 students.



Expert Lecture on Sustainability

The Civil Engineering Department hosted a lecture on "Demystifying Sustainability: Engineering Smart Solutions and Industry 4.0" on 19th April 2025, delivered by Prof. Dr.-Ing. Anupam Kumar Singh from NAMTECH. The event was coordinated by Prof. D. R. Rawat. The session highlighted sustainable design principles, eco-friendly materials, life cycle assessment, and integrating Industry 4.0 technologies for resource efficiency and wasteminimization. 81 students participated.



Technical Site Visit to Jaspur Water Treatment Plant.

The Civil Engineering Department organized a site visit to Jaspur Water Treatment Plant on 2nd April 2025, attended by 56 students. Guided by Er. Prashant and Er. Bharat Bhavsar, the visit covered water treatment procedures, equipment operation, and the design of a 200 MLD plant. The session included Q&A and practical insights, emphasizing the importance of learning from on-ground experiences. Coordinators: Prof. A.N. Dave, Prof. D.R. Rawat, and student leaders.



Training Workshop on STAAD PRO Software.

The Applied Mechanics Department organized a hands-on training workshop on STAAD Pro Software from 24th February to 1st March 2025 at N-Block, VGEC

Delivered by Dr. B.J. Shah, (Principal Gov. Engg. College Modasa) the workshop introduced students to the basics and advanced features of STAAD Pro, including designing structures, resolving errors, and applying commands effectively.

The workshop concluded with an expert lecture by Dr. Shah, emphasizing the importance of industry knowledge. Participants: 20 students and Faculty Coordinator: Prof. P.B. Mistry



Expert Lecture on Solid Waste Management

The Civil Engineering Department organised an expert lecture on "Solid Waste Management Concepts & Case Studies" on 6th May 2025 at N-Block, N-206. Delivered by Er. Gunjan Gupta, the session covered waste management techniques, classification of waste, and case studies like Indore City's model.

The lecture, attended by 72 students, included discussions on climate change, waste hierarchy, and disposal methods, concluding with an interactive Q&A session.

EVENTS' JUNCTION

Orientation Day & Induction Program 2025 at Civil Engineering Department, VGEC.

The Department of Applied Mechanics and Civil Engineering recently welcomed its new first-year students with a comprehensive Orientation Program. The event featured addresses from esteemed guests, including Principal Dr. V.S. Purani, Dr. D.J. Varia, Head of the Applied Mechanics Department, and Prof. N.P. Singh, Head of the Civil Engineering Department.

Faculty members introduced themselves and discussed the facilities available within the department. The students also had the opportunity to interact with representatives from various college clubs, as well as with rank holders and alumni who shared their experiences. The program included a tour of the campus and the department's facilities.

In addition to the departmental program, the students attended the Central Orientation and Student Induction Program on June 23, 2025, at the A-Block Auditorium. This event, hosted by Vishwakarma Government Engineering College (VGEC), Chandkheda, was live-streamed to engineering colleges across Gujarat. The students were inspired by addresses from distinguished guests, including Smt. Sunaina Tomar, IAS, and Shri B. H. Talati, who highlighted the importance of academic excellence, innovation, ethical values, and the role of engineers in nation-building.



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“Orientation Day is not just the beginning of college, it’s the first step toward shaping your future.”

”

Ethics & Excellence , Essential Engineering Insights

As part of the Induction Program for first-year students, the Department of Applied Mechanics and Civil Engineering organized an Expert Lecture Series at the A-Block Auditorium on June 30, 2025. The event featured two distinguished speakers: Dr. H. V. Trivedi, Retired Professor from Government Engineering College, who spoke on academic excellence and professional ethics, and Dr. B. S. Munjal, a former ISRO space scientist, who discussed ethics, professionalism, and graduate attributes. The sessions were highly interactive, inspiring students to reflect on the importance of ethics, responsibility, and continuous learning. The program was convened by Dr. D. J. Varia and coordinated by Prof. P. B. Mistry.



THE KNOWLEDGE ACERS



Aayushi Anand Shah
SPI : 8.43, Sem 05



Prit Dudhat
SPI : 8.43, Sem 05



Krisha Patel
SPI : 8.04, Sem 05



Ashutoshgiri Patamagi
SPI : 7.91, Sem 05



Tanvee Panchal
SPI : 8.26
Sem 03



Prins Kapupara
SPI : 8.13
Sem 03



Ayan Mansuri
SPI : 7.96
Sem 03



Prachi Patil
SPI : 8.88
Sem 01



Dhruvrajsinh
SPI : 8.82
Sem 01



Prutha Patel
SPI : 8.71
Sem 01

“

To rank is to distill
complexity into
simplicity, a task both
illuminating and
inherently imperfect.”

”

SUCCESS

STUDENTS' SKILLS



Disha Represents Gujarat at Republic Day Camp 2025

Disha, a student of Civil Engineering Department (Sem 06) a dedicated and disciplined NCC cadet, proudly represented Gujarat at the prestigious Republic Day Camp 2025 in New Delhi. Her participation in this national-level event highlights her exceptional leadership, commitment, and passion for serving the nation. Disha's achievement is a testament to her hard work and serves as an inspiration for her peers to strive for excellence in both academics and extracurricular activities.

Senior National Lacrosse Championship 2025

Sharimali Krunal Shaileshkumar, a student of Civil Engineering, department (Sem 06) represented Gujarat in the Senior National Lacrosse Championship 2025 held at Agra, Uttar Pradesh. He played a key role in the team's outstanding performance, contributing to Gujarat securing the Silver Medal in the championship.



National Handball Championship Achievement

Tirthrajsinh Jadeja, a student of Civil Engineering Department (Sem 04), represented Gujarat in the National Handball Championship held at Uttar Pradesh and secured a Bronze Medal. He was felicitated by institute dignitaries for his remarkable achievement and sportsmanship.

Heartiest congratulations to Prutha Patel from Vishwakarma Government Engineering College for her outstanding achievements:

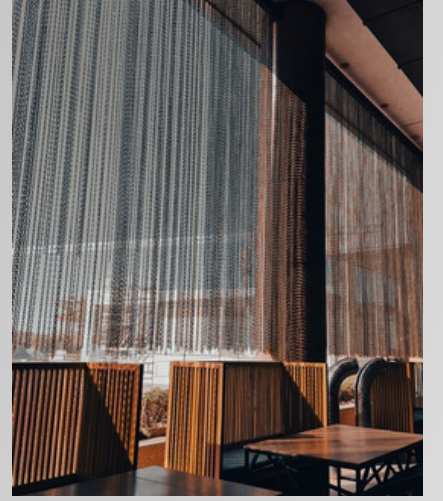
● Successfully completed C Training with a score of 80% under the Spoken Tutorial Project by IIT Bombay. Excelled in the Pt. Deendayal Upadhyaya Quiz Competition 2025, securing an impressive 78% score. Completed C++ Training with a score of 72.5%, organized by EduPyramids, SINE, IIT Bombay.



Prutha Patel
Sem 2



Prof
N.P.Singh



Tirth Rampariya
Sem 5



Prajapati Janki
Sem 4



Karansinh Rathod
Sem 6



Savaliya Shikha
Sem 6

શબ્દ દાસ્તાન

જે વાત કહેવી છે શબ્દોથી તે જીરવાતી નથી, દુઃખ ની દાસ્તાન પણ કહેવાતી નથી.

કોણ રહે છે આ દર્પણના આવરણમા, દરિયા ના દવ પી શકતો નથી.

રોજ જોઉં છું તો પણ એને ઓળખી શકતો નથી, હિંમત નથી આગળ કદમ ઉઠાવવાની, તારી તરફ હવે પાછો ફરી શકતો નથી.

યુગોની આંખમાં એ ખૂંચે છે કણી થઇને, હવે એ ક્ષણને નિવારી પણ શકતો નથી.

તિરાડ નથી કોઇ કે હવા પ્રવેશી શકે, અને છતાંય ગુંગળતા શ્વાસ ને અટકાવી શકતો નથી.

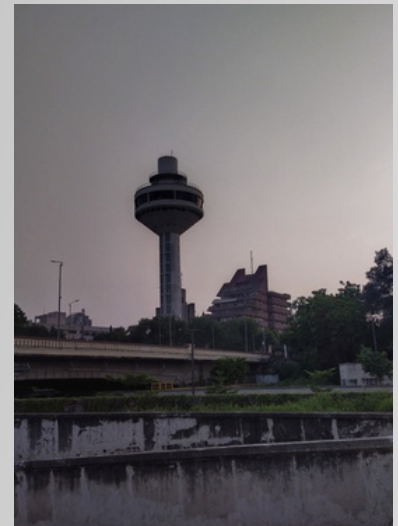
પ્રા. મુકેશ વી ચૌહાણ



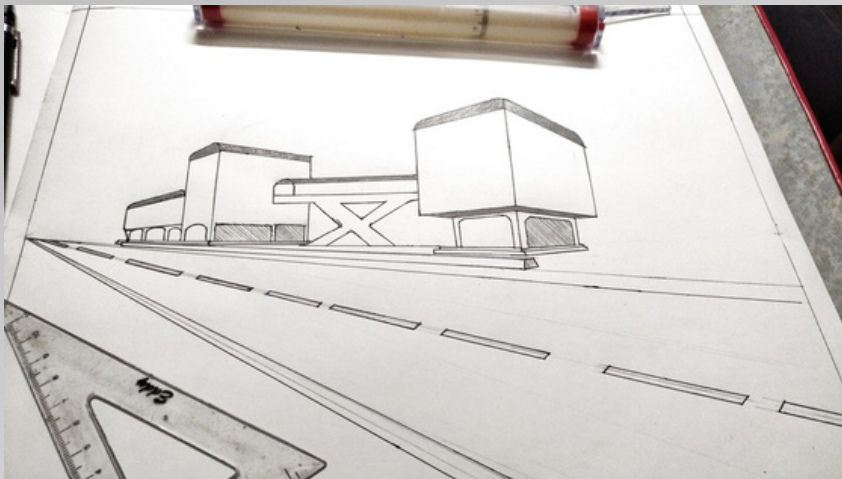
Chanchad Ayush
ME Sem 1



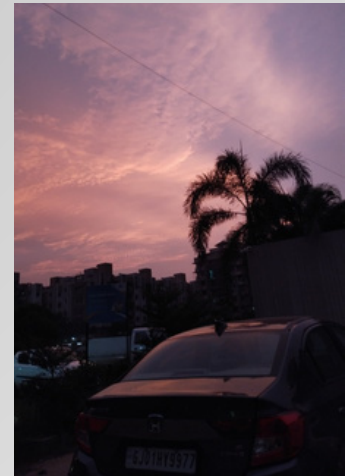
Yash Sutariya



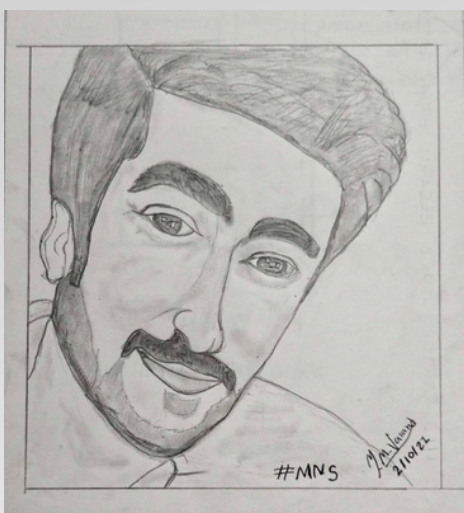
Nirav Vaghela
Sem 4



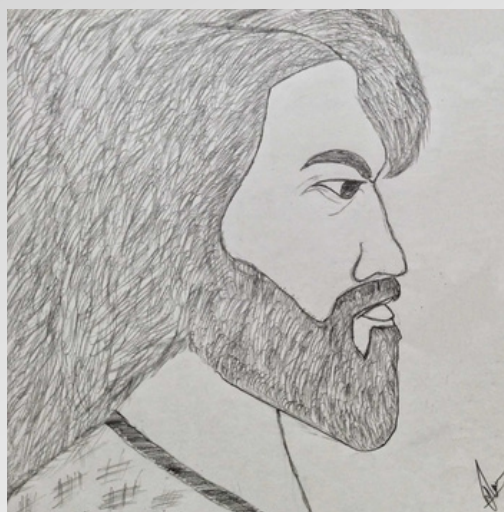
Khushali Khatri
Sem 4



Bharat Chavda
Sem 3



Yash Valand
ME Sem 1



Prince Kapupara
Sem 4



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