

**JAN-JUN | VOL 6 ISSUE 01**

# NeOCi

## News of Civil



Vgec Civil



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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.

## **PEOs**

- 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.

## **PSOs**

- Educating students with fundamental and technical knowledge for actively apply to solve day-to-day societal problems related to the field of civil engineering.
- Motivate to engage them for achieving expertise in design and analysis of structures by modern civil engineering tools.
- Cultivate skills for continuous learning to achieve functionally efficient, cost effective and safe solutions of modern infrastructure development.
- Inculcate students to develop professional skills, abilities and attitude for wage employment and/or to become entrepreneur.
- Inspiring Students to become ethically responsible technocrats to deliver environmental friendly and sustainable solutions.

## HoD's Message

It is a matter of great pleasure of pride to lead the Civil Engineering Department into the new academic year. Last semester have been full of activities. Students realize the joy of learning and attaining their true potential. Apart from classroom lectures and laboratories students are benefitted by expert lecture series, field visits and workshops.

One of our old student got admitted in one of the leading management institutes of the country. We are also starting a new postgraduate program in the civil engineering department.

I congratulate all students and faculty members for their tremendous efforts and wish them the very best of luck for the nascent semester.



**Dr. Navneet P. Singh**  
**Prof. & Head**  
**Civil Engineering Dept.**

## Faculty Participation

- **Dr. N. P. Singh** was awarded Member of Interview Panel for selection of Graduate Engineer Trainee civil at Adani Enterprises (By Adani Enterprises Limited).
- **Dr. N. P. Singh** was awarded a Certificate of Course Completion: MATLAB Programming for Numerical Computation by NPTEL.
- **Dr. Y. J. Patel** attended INAE-SERB Workshop on "Writing R&D grant for women engineers" at IIT Gandhinagar on February 23-24, 2023.
- **Prof. M.V. Chauhan & Prof D.R. Rawat** attended one day workshop on Climate Change held at the Indian Institute of Teacher Education Gandhinagar on 21/03/2023.
- **Dr. B G Buddhdev & Prof. M V Chauhan** successfully completed the NPTEL Online Certification course "Development and applications of special concretes" coordinated by IIT Kanpur.

# The Episodes of Events

## Expert Lecture on Soft and Aptitude Skills

A 4-day expert session on 'Soft Skills' was organized by the Civil Engineering Department under the Training and Placement Cell (TPO), VGEC, Chandkheda. The session was conducted by Mr. Maulik Shah, Mr. Shah 18 years of experience working as a communication skills, soft skills, and employability skills trainer. The session took place from 21st to 24th March 2023, with a total duration of 10 hours. Various beneficial topics were discussed during the session, including SWOT analysis, interview grooming, cover letter writing, resume writing, and other interview-related skills. Prof. Bhagyesh C. Contractor coordinated this session.

TPO (Civil) organized the aptitude session for Civil Engineering students from 28th March, 2023 to 31st March, 2023 (15 Hours).

The major focus of an aptitude session is to equip participants with the ability to think critically, solve problems, and make informed decisions. It also helps develop logical and analytical thinking skills that can be applied to everyday and professional life. The speaker explained the concepts with a lot of clarity and precision. The students gained a good understanding of the various topics discussed in the session.



## Session by 'MANAVSADHNA - A Unit of Sabarmati Gandhi Ashram'

Civil Engineering Department organised a session by 'MANAVSADHNA - a unit of Sabarmati Gandhi Ashram' for the students on 11th May, 2023, at Vishveshvariya Auditorium, VGEC. The main objective of this session was to aware students about the various initiatives taken by Manavsadhna and motivate them so that they can inculcate the spirit of humanity and trueness towards morals. It also focused on solid waste management – Paryavaran Mitra model of Manavsadhna. students were leaned about social responsibility about environmemnt and various steps of solid waste management ie segregation , recycling composting.



## Expert Talk on "Advancement in Tiles Adhesive Industry"

Civil Engineering Department organised an expert talk on "Advancement in Tiles Adhesive Industry" for its 6th semester students on 11th May.

The main purpose of the lecture was to teach attendees of the significance of tile adhesive and bonding.

Students learned about Epoxy, Bonding, Tile Adhesive, and Tile Joint Problems. Sessions were very useful, and students' in-depth inquiries were also answered.



## Expert Talk on “The India Growth Story Infrastructure Development”

VGEC Alumni Association (VAA) and Civil Engineering Department organized an expert talk on “The India Growth Story – Infrastructure Development” for Civil Engineering students on 29th April 2023, at A – Block Auditorium. The expert speaker was Mr. Yash Majeethia, Senior Manager – Project Finance at IRCLASS Systems & Solutions Private Limited, alumnus of VGEC-Civil 2012 Batch.

The primary goal of the expert talk was to enlighten the civil engineering students with the growth story of India with respect to the infrastructure development point of view. He explained how India has grown globally in the various segments of infrastructure development which shared the Indian economy as well.

At the end of the session, a question and answer session was conducted to solve students’ queries. The session was concluded with a vote of thanks and refreshments for all the attendees.



## Technical Visit at Residential Construction Site

Applied Mechanics Department organized the Technical Visit for the 6th semester (B.E. Civil) students on 9th May 2023, at Aditya Antilia- A Residential Building Project near Zundal Circle Chandkheda.

The specific aim of the visit was to explore the construction activities and reinforcement detailing of structural members in real field conditions. students learned about structure drawing reading, plan viewing, reinforcement placement techniques, concreting, and safety measures at the site. This site visit was 2 hours. It gave us all information in details.

At the end of the visit, questions were addressed by the site engineer and contractor at the site.



## **Visit at “Net Zero Energy Building CEPT, Ahmedabad “ by Civil Department**

Civil Engineering Department organized the Academic Visit for first year students on 12th May, 2023, at Net Zero Energy Building CEPT, Ahmedabad. The knowledgeable outcome of the visit was to make students explore new technologies used in sustainable building. This visit gave them a better understanding of about the topic they have learned in class. Mr. Sammit Pancholi explains all concept of building through presentation as well as by actual visit in very simple and understandable manner. Students showed a deep interested in concept used in building also participate in question answer. Students got knowledge about various topics of Green building like Building Massing and Orientation Analysis. Day-lighting analysis. Natural ventilation mode analysis. Occupant behavior Occupant Thermal comfort, used in building.



## **Seminar on Current Field Practices in Geotechnical Engineering**

Applied Mechanics Department organized a One-Day Seminar on ‘Current Field Practices in Geotechnical Engineering’ under Indian Geotechnical Society - VGEC Student Chapter for the 6th semester and 4th semester (Civil) students on 12th May, 2023. The main focus of this seminar was to explore the field practices currently utilized in areas of geotechnical engineering. The session discussed a number topics like

Basic geotechnical engineering concepts utilized in the field. Various geotechnical investigation used in the field, Different testing methods currently employed for various important parameters, Construction aspects for shallow and deep foundation, Construction, techniques used in on-going major projects. Various Case Studies discussed to understand the failure mechanics and its future utilization etc.



## World Environment Day Celebration

The Civil Engineering Department celebrated the World Environment Day on 5th June by planting plants. This day was celebrated in N-Block by the students of various semesters and accompanied by the faculties.

It's always necessary to remember the Importance and Gifts Nature endeavors to us. Today, the world is technologically and scientifically breaking records in the fields of development and urbanization. But, it's essential to us to save our nature and resources and put efforts to rejuvenate them.

The Learnings of students:-

- **Replenishment of Nature is must.**
- **Nature gifts you, You too gift it.**
- **Pollution is harmful to us, let's try to cure it.**



## Tacheometric Surveying Project

Civil Engineering Department organized the Tacheometric Surveying Project for 4th-semester students on 2nd May 2023, behind Koteswar Temple, Ahmedabad.

Students were divided into 4 groups and worked on 4 different points for tachometer surveying. Reading was taken from theodolite and based on readings elevations were calculated and the contoured map was prepared.



## GATE Achievers



**Nisarg Patel**

GATE Score – 419



**Kavya Prajapati**

GATE Score – 317



**Jaynam Bhavsar**

GATE Score – 335

### Alumni Corner



**Shubham Bhaskar**  
**Alumni (2018-2021)**

Shubham Bhaskar, the alumni of VGEC secured 99.09PR in the CAT examination-2022.

In June-21, he was placed at the Byju's as a Student Success Specialist.

He is now successfully pursuing masters from IIM-Lucknow.

### About Advanced Specialization

A new course of M.E. in Civil Engineering is introduced from the academic year 2023-24 with total intake of 18 students.

In this course, students will learn about the advance knowledge related to various new areas of Civi Engineering fireld .

The Masters's Course will enlighten the P.G students and will pave the way for their bright careers ahead in Civil Engineering .

Hope with the introduction of this course, the Departmental Progress reaches to enormous success.

Civil Department with its qualified and well-experience faculties and well-developed laboratories is pleased to welcome the new P.G students in the Civil Engineering Department of Vishwakarma Government Engineering College

# CAMPUS PLACEMENTS

2023 Passout Batch Campus Placement

## Congratulations



**Priyank Hemrajibhai Gohel -**  
Graduate Engineer Trainee  
**Reliance Industries Limited**



**Trushik Pareshkumar Malviya**  
Graduate Engineer Trainee  
**Reliance Industries Limited**



**Hetkumar Babubhai Patel**  
Graduate Engineer Trainee  
**Reliance Industries Limited**



**Harsh Vipulkumar Shah**  
Graduate Engineer Trainee  
**Reliance Industries Limited**



**Shelat Manashree Kalpeshkumar**  
Graduate Engineer Trainee  
**Reliance Industries Limited**



**Mihir Bhaveshkumar Lakhariya**  
Graduate Engineer Trainee  
**Reliance Industries Limited**



**Fenil Hiteshkumar Patel**  
Graduate Engineer Trainee  
**Adani Enterprises Limited**



**Sakar Vinodkumar Patel**  
Graduate Engineer Trainee  
**Adani Enterprises Limited**



**Maharshi Ashwinbhai Rathod**  
Graduate Engineer Trainee  
**Adani Enterprises Limited**



**Snehkumar Balubhai Rathod**  
Graduate Engineer Trainee  
**Adani Enterprises Limited**



**Kunal Mayurbhai Shah**  
Graduate Engineer Trainee  
**Adani Enterprises Limited**



**Mayank Girishkumar Shah**  
Graduate Engineer Trainee  
**Adani Enterprises Limited**



**Anjesh Rameshwar Gurjar**  
Graduate Engineer Trainee  
**Larsen & Toubro Limited**



**Kavyaben Jagdishbhai Prajapati**  
Graduate Engineer Trainee  
**Larsen & Toubro Limited**



**Dikshansh Singh**  
Graduate Engineer Trainee  
**Larsen & Toubro Limited**



**Krishna Rameshkumar Solanki**  
Graduate Engineer Trainee  
**Larsen & Toubro Limited**



**Yashveersinh Pravinsinh Tank**  
Graduate Engineer Trainee  
**Larsen & Toubro Limited**



**Binal Jagdishkumar Vora**  
Graduate Engineer Trainee  
**Larsen & Toubro Limited**



**Bhaveshpuri Rajeshpuri Bava**  
Graduate Engineer Trainee  
**Prism Johnson Ltd.**



**Pruthvikumar Prakashbhai Patel**  
Graduate Engineer Trainee  
**Prism Johnson Ltd.**



**Vidhi Umeshbhai Panchal**  
Graduate Engineer Trainee  
**Torrent Power Limited**



**Akshar Pravimbhai Prajapati**  
Graduate Engineer Trainee  
**Torrent Power Limited**



**Pavan Kanaiyalal Panchal**  
Research Associate Technical  
**Junomoneta Finsol**



**Jaykumar Rajendrabhai Patel**  
Research Associate Technical  
**Junomoneta Finsol**



**Meet Umedbhai Patel**  
Research Associate Technical  
**Junomoneta Finsol**



**Jaynam Ghanshyam Bhavsar**  
Graduate Engineer Trainee  
**Hindustan Infrastructure Solution**



**Suresh Velabhai Malvi**  
Graduate Engineer Trainee  
**Hindustan Infrastructure Solution**



**Hetvi Mrugesh kumar Shah**  
Graduate Engineer Trainee  
**Hindustan Infrastructure Solution**



**Vivek Govindbhai Makvana**  
Graduate Engineer Trainee  
**Hindustan Infrastructure Solution**



**Aman Manishbhai Bharadva**  
Graduate Engineer Trainee  
**Hindustan Infrastructure Solution**



**Sedhabhai Manabhai Darji**  
Graduate Engineer Trainee  
**PSP Projects Limited**



**Nareesh Gafurbhai Desai**  
Graduate Engineer Trainee  
**PSP Projects Limited**



**Smit Chandrakant Sathvara**  
Graduate Engineer Trainee  
**PSP Projects Limited**



**Harshkumar Chandrakant Darji**  
Graduate Engineer Trainee  
**PSP Projects Limited**



**Savankumar Sureshbhai Prajapati**  
Graduate Engineer Trainee  
**PSP Projects Limited**



**Akashkumar Kantibhai Ginoya**  
Project Estimator  
**Aerocraft Engineering (I) Pvt. Ltd**



**Hardikkumar Jeseengbhai Paraliya**  
Project Estimator  
**Aerocraft Engineering (I) Pvt. Ltd**



**Dharmeshkumar Motaram Suthar**  
Project Estimator  
**Aerocraft Engineering (I) Pvt. Ltd**



**Dhrumil Ghanshyambhai Panchal**  
Project Estimator  
**Aerocraft Engineering (I) Pvt. Ltd**

## The Academic Scorers



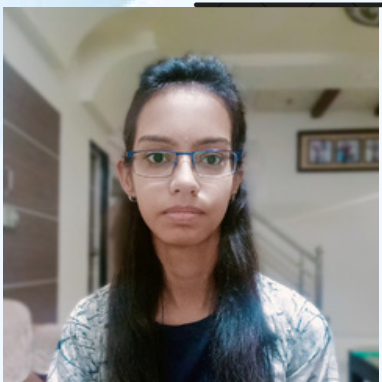
**Hardi Bhatt**  
**1st Rank**  
**SPI: 8.91**  
**Sem-05**



**Vedant Dev**  
**1st Rank**  
**SPI: 8.83**  
**Sem-03**



**Rajviba Zala**  
**2nd Rank**  
**SPI: 8.83**  
**Sem-05**



**Aayushi Shah, Shikha Savaliya and Krisha Patel of Sem 01 achieved 1st Rank with the SPI: 7.62..**



**Khushi Lalpara**  
**2nd Rank SPI: 8.70**  
**Sem-03**



**Karansinh Rathod**  
**2nd Rank SPI: 7.57**  
**Sem-01**

## Students' Success

1. Hetvi Shah of Sem 8 participated in Kabaddi at All India University (National Level) and she was the Team Captain.



2. Parth Suthar of Sem 2 has successfully participated in the World Record for "Largest Attendance in Virtual Yoga Class" on International Yoga Day ,2023 organized by Habuild.

3. Ankita Prajapati of Sem 3 achieved 2nd position in Vishwa Cup for Tug of War.

4. Khushbu Sutariya of Sem 4 stood 2nd in the Photography Event of Vishwa Sanskriti.

5. Mahati Shah of Sem 4 stood 1st in the Lippan Art Event of Vishwa Sanskruti.

6. Team members: Mamta Maheriya and Jay Patel of sem 04 stood 2nd rank in the Drama Event of vishwa skruti.

7. Jainil Nayak of Sem 6 stood 2nd in the Photography Event of Vishwa Sanskriti.

12. Dhyey Patel & Chelsi Mina of Sem 4 stood 1st in Lakshya (LDCE) Tech Fest 23 City Mania Event.

8. Team Members: Dhyey Patel, Vedant Dev, Tisha Shah, & Chelsi Mina of Sem 4 stood 1st in Lakshya (LDCE) Tech Fest 23 Bridge the Gap Event.



9. Aayushi Shah of Sem 2 successfully being a co-author for World Record Recognized Anthology – Nation First.

She has also achieved a Certificate of Crash Course Completion in Climate Science & participated in the 15th World Wide Open Discussion Forum organized by ALAGS Young Leaders.

10. The Photograph clicked by Pranjal Vinzuda of Sem 2 was one of the 10 Winning Photographs of Through the Lens: Celebration of Youth ( A Photograph Contest ) organized by VGEC Photography Club.

11. Mamta Maheriya & Jay Patel of Sem 4 are the 2nd Winner in the Skit Competition of Vishwa Sanskriti.





**"Water Color Art"**

Shikha Savaliya Sem-02



**"Photography"**

Pranjal Vinzud Sem-02



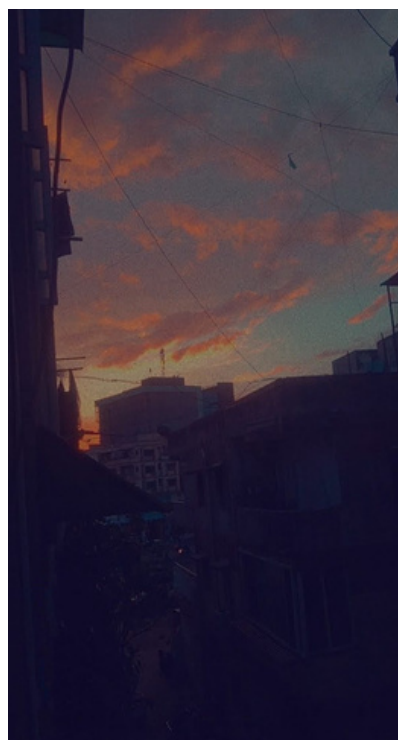
**"Lippan Art"**

Prof. Dhriti R Rawat (Civil)



**"Pencil Color Art"**

Deep Mori Sem-02



**"Photography & Pen Art"**

Yash Shah Sem-02



**"Photography & Abstract Art"**

Pooja Gohel Sem-06

## Our Major Recruiters

adani



**PRISM JOHNSON LIMITED**  
(FORMERLY PRISM CEMENT LIMITED)

**HINDUSTAN**  
INFRASTRUCTURE SOLUTION



# NEWS OF CIVIL *NeOCi*

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Aayushi Anand Shahi (Sem-02)

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