

कृतित्व

ISSUE III

"अर्धवार्षिक लेखा-जोखा"
सिविल अभियांत्रिकी विभाग

**Dr. N.K. Arora****H.o.D., Civil Engineering Department**

Dear Students and faculty members,

It is with great pleasure that I welcome you to the 3rd edition of our Departmental Newsletter. As we embark on another exciting academic term, it is a wonderful opportunity to reflect on our achievements, celebrate our progress, and look ahead to the opportunities that await us.

Our department continues to thrive due to the dedication, hard work, and commitment of everyone involved. Whether it's through groundbreaking development, innovative teaching methods, or active community involvement, our collective efforts are making a positive impact in our field and beyond.

In this edition, we showcase the events and accomplishments of our students and faculty members. I hope you find this newsletter informative and inspiring as we continue to build on the strong foundation we've established.

Thank you for your unwavering support. Let's continue to work together to foster a dynamic and inclusive learning environment.

Warmest regards,
Prof. (Dr.) N.K.Arora

INDEX

The Institute

Faculty Details

Departmental Activities

Faculty Achievements

Faculty Training

Student Achievements

Creative Corner

THE INSTITUTE



Vision

- To be a premier engineering institution, imparting quality education for innovative solutions relevant to society and the environment.

Mission

- To develop human potential to its fullest extent so that intellectual and innovative engineers can emerge in a wide range of professions.
- To advance knowledge and educate students in engineering and other areas of scholarship that will best serve the nation and the world in future.
- To produce quality engineers, entrepreneurs and leaders to meet the present and future needs of society as well as environment.

FACULTY DETAILS



Dr. Shweta P. Dave

Ph.D. (Soil Mechanics)

30 Years

Dr. N.K. Arora

Ph.D. (Structural Engineering)

30 Years



Dr. Ujas Pandya

Ph.D.(Water Resources Engineering)

18 Years

Prof. Shilpa Parmar

M.E. (Water Resources Engineering)

15 Years



Prof. Harshal Tuvar

M.E.(Geotechnical Engineering)

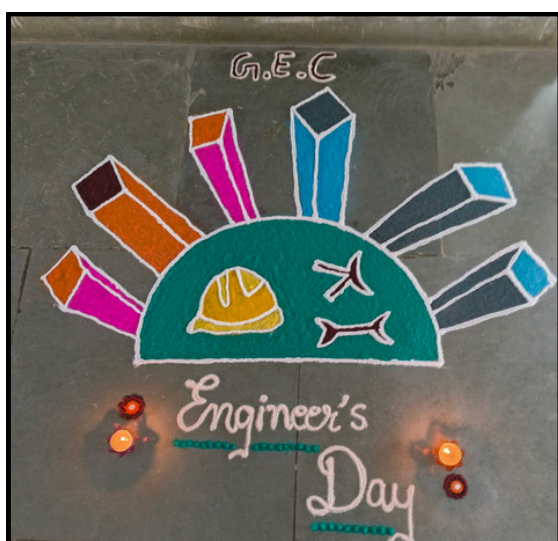
12 Years

DEPARTMENTAL ACTIVITIES

- Teachers' Day was celebrated with great enthusiasm at our college, honoring the invaluable contributions of teachers in shaping our lives and future. The event began with a prayer and welcome speech, followed by a honoring our respected N.K ARORA SIR and all faculty members . some activities were arranged to make day more memorable like debate competition, quiz, and much more. Students expressed their gratitude through heartfelt speeches and personalized gifts. Some faculty members shared their experiences, emphasizing the importance of education. The celebration concluded with a vote of thanks and leaving everyone inspired and filled with appreciation for the teaching profession.



- Engineers' Day at college is celebrated to honor the contributions of engineers to society and to commemorate the birth anniversary of Sir M. Visvesvaraya, a legendary engineer. The event usually includes technical games, treasure hunt , and quiz .The celebration serves as a platform to inspire future engineers and acknowledge their role in shaping the world.



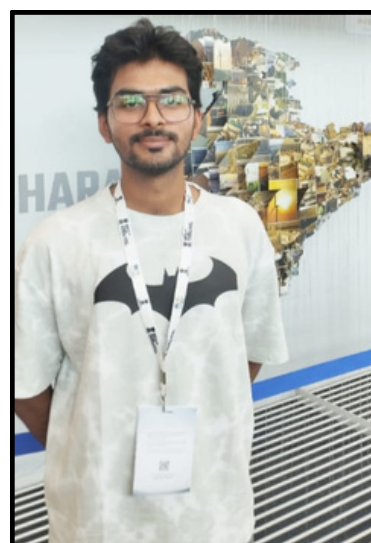
- Civil Engineering Department had organized a one day visit for 3rd and 5th Semester students at GUSEC,Ahmedabad. It is a Gujarat University park for Industrial Extension and Research (PIER),which is known for extension research and Innovation. They learned about how Entrepreneurship ecosystem develop and work in such environment and guide them from design thinking to market approach.



- **National Space Day Workshop:** Civil Engineering Department faculty members and students attended National space day workshop on 20th August, 2024 at National Forensic Science University, Gandhinagar based on the theme of Touching lives while touching the moon India's Space Saga. The National Space Day workshop was a comprehensive event that covered various aspects of India's space program. Additionally, the applications of remote sensing in land cover classification, crop monitoring, and disaster management were explored. Finally, the importance of maps in water resource management was emphasized, including identifying areas of water scarcity, monitoring water quality, and planning water distribution networks.



- Our Civil Engineering student attended the Renewable Energy Invest 2024 on 18 September in Gandhinagar, Gujarat, gaining valuable insights into Gujarat's green hydrogen revolution, renewable energy initiatives and Gujarat's initiatives to lead the green hydrogen revolution.



- Semester 5 students visited V.G.E.C. College, Ahmedabad on 7th and 8th October, 2024 to conduct a practical experiment as part of Transportation Engineering course curriculum. The experiment aimed to improve the quality and quantity as per the IRC specifications. It helped identify problems and solutions related to pavement maintenance, deficiency effects, road capacity, and environmental effects, highlighting the importance of transportation engineering in infrastructure development and sustainable urban planning. The faculty members have a nice gesture, and their complete output is provided along with appropriate expertise.



- Semester 5 students visited L.D. Engineering College in Ahmedabad on October 9 and 10, 2024, to conduct practical experiments of concrete technology course. The experiment highlighted the importance of mix proportions, curing methods, and additives in achieving optimal concrete performance. The study also examined the impact of water-cement ratio, aggregate varieties, and admixtures on concrete strength, workability, and durability. The results provide valuable insights for improving construction practices and ensuring the long-term reliability of concrete structures. The faculty and senior students were helpful and guided safely.



- VSEC College visit



- Civil Engineering Department conducted an **AUTOCAD and SKETCHUP WORKSHOP** during 3rd and 4th September, 2024 by an eminent speaker, Mr. Rahul Mourya, Architectural Designer, Sai Cad center for 3rd semester students of Civil Engineering Department. During workshop, students learned various commands and tools used in 2D and 3D drawings with hands on practice on software. They acquired knowledge of AUTOCAD and SKETCHUP software with Civil Engineering applications.



**GOVERNMENT ENGINEERING COLLEGE, SECTOR -28,
GANDHINAGAR**

CIVIL ENGINEERING DEPARTMENT ORGANIZES

**“Workshop on
AUTOCAD AND
SKETCH-UP
for Drafting + 3D Modeling”**

3rd & 4th Sept, 2024

**10:30 pm to 4:00 pm @ Block : 3 Room
no : 3104, Civil Engineering Department
GEC GANDHINAGAR.**



RAHUL MOURYA
Architectural Designer
EXPERT

CO-ORDINATOR :
DR. UJAS D PANDYA
PROF. SHILPA PARMAR

COVENER :
Dr. N.K.Arora (HoD)

PATRON :
DR. S.P.DAVE, PRINCIPAL, GEC GANDHINAGAR






- Navaratri celebrations at college bring students and staff together, featuring Garba and Dandiya Raas. They foster unity, cultural appreciation, and joy, making it a memorable occasion for all..



- A Seminar on the “Recent Advances in Concrete Construction Technology” was Organised on 12th September, 2024 for students of semester 3. Honorable Dr. Bhavin G Buddhdev currently working as an Assistant Professor, in the Applied Mechanics Department, VGEC-Chandkheda was invited as a speaker. He explained many construction aspects, advancement in the field and reinforced concrete with good practical exposure.



FACULTY ACHIEVEMENTS

- **Prof. Dr. Narendra Arora** (H.o.D., Civil Engineering Department) awarded for participating in Malaviya Mission Teacher Training Programme by IIT Dhanbad.



STUDENT ACHIEVEMENTS

- **GTU Inter-zonal Tournament : Parv Chauhan (Sem 4 Student)** has participated in Kabaddi on 7 August, 2024.
- We as a department glad to have such a talent in our college.



CREATIVE CORNER



Kishan Dhanani
Art

SEM 5



Parshv Gameti
Art

SEM 5



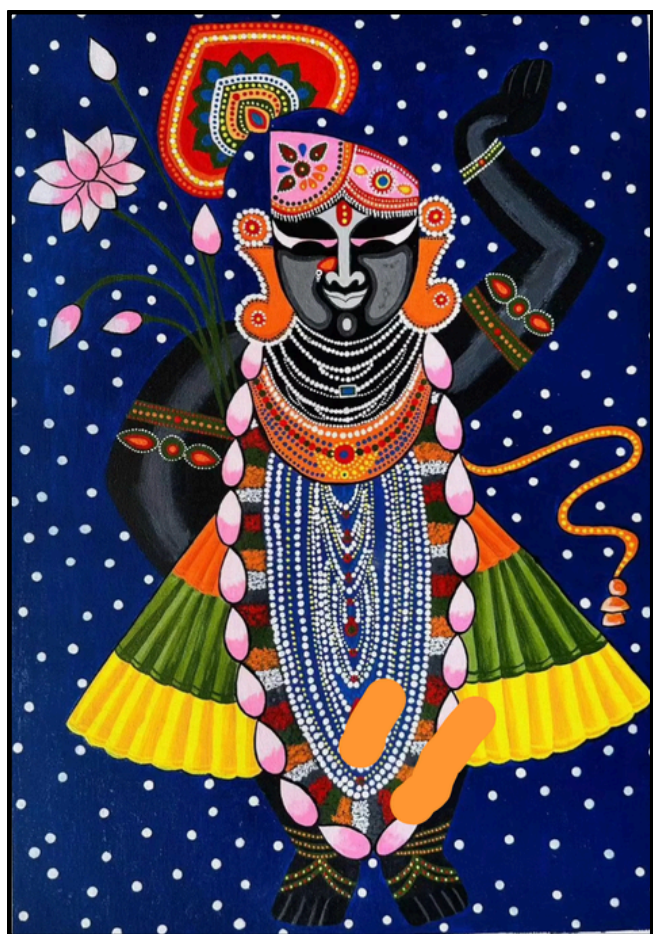
Prabhakar Jha
Music

SEM 5



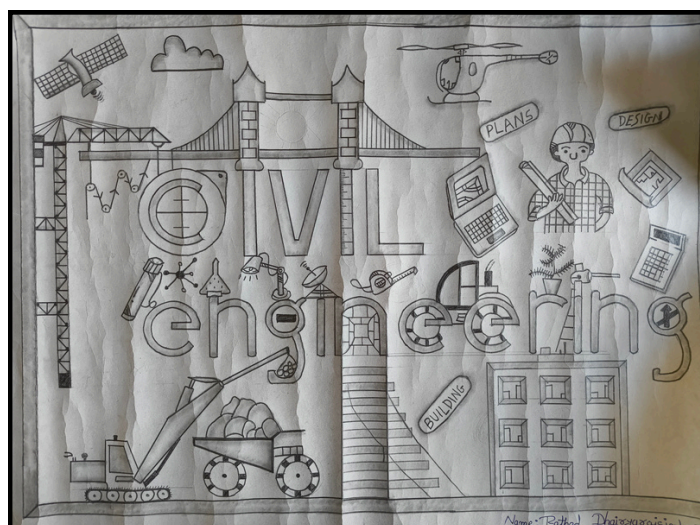
Gaytri Jaiswal
Art

SEM 3



Riya Parikh
Art

SEM 5



Dhairyaraj Rajput
Art

SEM 3

EDITORIAL TEAM

Dr. Sweta P. Dave

(Chair Person)

Dr. N.K. Arora

(H.o.D of Civil Engineering Department)

Shilpa Parmar

(Coordinator)

Prabhakar Jha

(Team Lead)

Kishan Dhanani

(Design)

Rajal Desai

(Content writer)

Riya Parikh

(Content Writer)

Poorva Patel

(Content Writer)