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Inside **THE ISSUE**

- 01 | HoD's MESSAGE**
- 02 | WELCOME ADDRESS**
- 03 | FACULTY DEVELOPMENT**
- 04 | EVENTS' JUNCTION**
- 05 | THE KNOWLEDGE ACERS**
- 06 | CAMPUS PLACEMENTS**
- 07 | STUDENTS' SKILLS**
- 08 | ARTISTS' ARENA**

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.

WELCOME ADDRESS

On behalf of the Civil Engineering Department and Applied Mechanics Department, we are happy to welcome our new principal Dr. Vinay S. Purani Sir. Dr. Vinay S. Purani has extensive experience and he is also among the very few highly experienced faculty in Gujarat's technical education sector. Civil Engineering students and faculty members will also benefit greatly from his teaching expertise and guidance of Dr. Vinay S. Purani. This appointment marks an exciting new chapter for our department and we look forward to his guidance at faculty level and at students' level. Welcome, Dr. Vinay S. Purani, to our VGEC CIVIL family!



Dr. Prof. Vinay S. Purani
Principal
VGEC

HoD's MESSAGE

I welcome all students and faculty members to the commencement of the new semester. The semester started with induction programme of the young students of the first year with tremendous amount of energy and excitement in the air. Discussions on human values and physical activities remained at the focus of the programme. Our campus placements for the civil engineering department have been very encouraging. Faculty members have shown interest in giving industrial training and interacting with the industry. Final semester students too have been going for industrial internship. So, both students and faculty interacting with the industrial world, has been a welcome development. With the colour of the sky transforming to black and soil going green and with the call of the peacock, tree plantation was started. Students and faculty members celebrated Van Mahotsav with great deal of energy and excitement. I urge all stakeholders to continue with the same degree of enthusiasm as the semester moves on.
Keep it up, Best of Luck!



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

FACULTY PARTICIPATION

- **Prof. Mukesh V. Chauhan and Dr. Bhavin G. Buddhdev** participated in one week ATAL FDP entitled "Ocean and Costal Engineering" organized by Applied Mechanics Department at L D College of Engineering, Ahmedabad during 12th February to 17th February, 2024. **Dr. Yamini J. Patel** completed in 8-week MOOC - NPTEL Course on 'Soft Skill Development' during January - April 2024. **Prof. Dhriti R. Rawat** completed 12-week MOOC - NPTEL Course on "Machine learning for Soil and Crop Management" during January - April 2024. **Prof. Dhriti R. Rawat** completed 12-week MOOC - NPTEL Course on "Water Quality Management Practices" during January - April 2024. **Prof. Bhagyesh C. Contractor** completed 12-week MOOC - NPTEL Course on "Watershed Hydrology" during January - April 2024. **Prof. Bhagyesh C. Contractor** completed 12-week MOOC - NPTEL Course on "Leadership and Team Effectiveness" during January - April 2024. **Prof. Girish D. Jagad** completed 12-week MOOC - NPTEL Course on "Watershed Hydrology" during January - April 2024. **Prof. Girish D. Jagad** completed 12-week MOOC - NPTEL Course on "Leadership and Team Effectiveness" during January - April 2024. **Prof. Upendra R. Singh** completed 12-week MOOC - NPTEL Course on "Leadership and Team Effectiveness" during January - April 2024. **Dr. Bhavin G. Buddhdev** was reviewer in Indian Journal of Science & Technology (UGC CARE List) on February 2024.
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FACULTY ACHIEVEMENT



Prof. Girish G. Jagad participated in the National Conference on “Living with Nature: Soil, Water, and Society in Ecosystem Conservation (LNSWSEC-24),” organized by the Indian Association of Soil and Water Conservationists, Dehradun, from June 20-22, 2024. The event had more than 200 participants, and Prof. Jagad was honoured with the Best Paper Presentation Award for his research titled “Tsunami Induced Hazard along Saurashtra Region using Delft3D - A Case Study of the 1945 Makran Tsunami.” His research focuses on simulating the impact of the 1945 Makran tsunami on the Saurashtra coastline using the Delft3D hydrodynamic model, highlighting the region’s vulnerability to tsunami-induced hazards. The award recognizes his outstanding contribution to advancing knowledge in coastal hazard assessment and disaster preparedness.

- **Prof. Bhagyesh C. Contractor and Dr. Bhavin G. Buddhdev**, presented their research paper titled “Soil Erosion Estimation using the SWAT Model in Hathmati Watershed of the Sabarmati River Basin” in National Conference on “Living with Nature: Soil, Water And Society in Ecosystem Conservation (LNSWSEC-24)” organized by Indian Association of Soil and Water Conservationists, Dehradun during June 20-22, 2024.

WELCOME ADDRESS



Prof. Jatin N Patel
Asst. Professor
Civil Engineering Dept.

It is our great pleasure to welcome Prof. Jatin N. Patel to the Department of Civil Engineering. Prof. Jatin brings a wealth of experience and expertise in transportation engineering. His passion for teaching, combined with his extensive knowledge, will inspire our students and contribute significantly to our ongoing efforts to provide high-quality education. We are excited about the new ideas and perspectives he will bring, and we look forward to collaborating on various projects and initiatives that will drive our department forward. We extend our warmest welcome to Prof. Jatin and wish him great success with us!

Expert Lecture on Skill Development by IBM

On February 15, 2024, the Civil Engineering Department, in collaboration with IBM, conducted a workshop for sixth-semester students. The session highlighted the importance of skill development and featured IBM's certification programs for career advancement. Students gained valuable insights and interacted with IBM experts. The event was coordinated by Dr. K. L. Timani and Prof. M. V. Chauhan.

Introduction to AutoCAD

An introductory AutoCAD workshop for second- semester students was held on April 26, 2024, focusing on basic AutoCAD operations, CAD drawings, and civil engineering applications. The event was coordinated by Prof. K. M. Parmar and Prof. Dhriti R. Rawat.

Expert Lecture on Sustainable Geotechniques

On March 5, 2024, an expert lecture on sustainable geotechniques was presented to fourth- and sixth-semester students by Dr. Uma Chaduvula(Assistant Prof Civil PDEU) . The session covered various sustainable geotechniques, including their applications, advantages, and limitations. Students gained valuable insights into these methods and their relevance in civil engineering. A Q&A session was conducted to address student queries. The lecture was coordinated by Dr. B. G. Buddhdev and Prof. M. V. Chauhan.



Expert Lecture on Tekla Structures Software

On March 6, 2024, Mr. Kiran Dalvi conducted an expert lecture on Tekla Structures software for sem-4 and sem-6 students. The session offered a comprehensive introduction to the software, detailing its interface, essential commands, and techniques for managing joint connections in structural design. Aimed at enhancing students' skills in structural modeling and analysis, the lecture provided practical insights into advanced software tools. The event was coordinated by Dr. B. G. Buddhdev and Prof. M. V. Chauhan.



Expert Lecture on Green Building Modelling using Revit Software

On March 13, 2024, Mr. Sani Chourasiya delivered an expert lecture on green building modeling using Revit software, in collaboration with CADD Centre Chandkheda. The session provided an overview of green building concepts and demonstrated how to apply these principles using Revit software. The lecture aimed to enhance students' understanding of sustainable design practices and their implementation through advanced modeling tools. The event was coordinated by Prof. A. N. Dave.



Site Exploration at Jaspur Water Treatment Plant

On April 6, 2024, a site visit for sixth-semester students was conducted at the Jaspur Water Treatment Plant, coordinated by Prof. A. N. Dave and Prof. U. R. Singh. This visit offered students an opportunity to observe and learn about the various processes and technologies involved in water treatment. By exploring the plant's operations firsthand, students gained valuable insights into practical aspects of water treatment and its applications in the field. The experience aimed to enrich their academic knowledge with real-world industry exposure.



Site Exploration of Residential Constructions

On April 15, 2024, a site visit was arranged for sixth-semester students at a residential construction site, coordinated by Dr. Y. J. Patel and Dr. D. J. Varia. The visit provided students with practical insights into residential construction, including site layout, material usage, and construction techniques. Observing these processes firsthand allowed students to connect theoretical concepts with real-world applications, enhancing their understanding of construction practices and industry standards. The experience aimed to bridge the gap between academic learning and practical field experience.





Khushi Lalpara
SPI: 8.91 Sem-05



Akarsh Kumar
SPI: 8.78 Sem-05



Virendrapratap Maurya
SPI: 8.74 Sem-05



Krisha Patel
SPI: 8.17 Sem-03



Shikha Savaliya
SPI: 8.17 Sem-03



Aayushi A Shah
SPI: 8.09 Sem-03



Marmeeek Shukla
SPI: 8.20 Sem-01



Nirav Vaghela
SPI: 7.93 Sem-01



Janki Prajapati
SPI: 7.87 Sem-01

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

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SUCCESS

CAMPUS PLACEMENTS



CIVIL ENGINEERING DEPARTMENT VISHWAKARMA GOVERNMENT ENGINEERING COLLEGE



2024 Passout Batch Campus Placement

CONGRATULATIONS



Kashish Nandan Patel
Arvind Smartspaces
Limited



Shubham Nilesh Gor
Arvind Smartspaces
Limited



Dip Arvindbhai Prajapati
Prism Johnson Limited



Shiv Hareshbhai Panchal
Prism Johnson Limited



Maulesh P Dhandhala
Prism Johnson Limited



Hardi D. Bhatt
Prism Johnson Limited



Manthan K. Doshi
Prism Johnson Limited



Sahil Pravinbhai Parmar
Prism Johnson Limited



Shivam B. Panchal
Prism Johnson Limited



Dharmishtha M. Bhogayata
Prism Johnson Limited



Pooja Ashokbhai Gohel
Prism Johnson Limited



Harsh Paras Vashistha
Adani Enterprises
Limited



Aala Ramabhai Suva
Adani Enterprises
Limited



Ritesh Babubhai Jadav
Adani Enterprises
Limited



Shubh Mineshbhai Shah
Kitchen 360



Rajviba Kiritsinh Zala
Linde Engineering



Dev Rajeshbhai Parmar
Larson & Toubro Ltd.



Arya Asitkumar Soni
Larson & Toubro Ltd.



Mihir Babubhai Dasa
Prism Johnson Limited
Adani Enterprises Limited
Asian Paints



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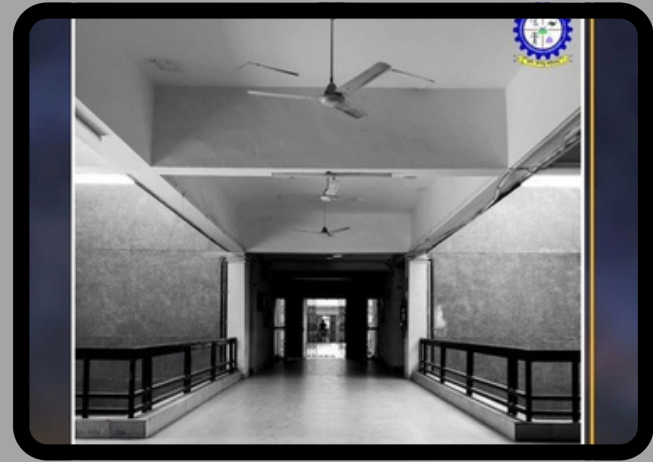
vgeccivil

STUDENTS' SKILLS



Cadets Hargy Chaudhary and Tirthrajsinh Jadeja (Sem-02) and Chirag Susara (Sem-04) completed the NCC Annual Combined Training Camp from May 13-22, 2024. The 10-day program focused on developing leadership, discipline, and teamwork through various military-style activities. Their successful participation reflects their commitment to personal growth and national service.

Parth Suthar of Sem-04 clinched the Certificate of Winner for his outstanding photography in a VGEN Campus-themed competition. His skillful captures of the campus environment demonstrated exceptional talent and creativity. Parth's images stood out among entries, earning him top honors for his photographic artistry.



Mantavya K. Vaja of Sem-02 received a Certificate of Appreciation for his impressive chess skills demonstrated at Regional Science Centre, Rajkot. The recognition came during International Chess Day celebrations, where Mantavya's strategic prowess and tactical acumen in the game were prominently displayed, earning him this commendable acknowledgment.

Aayushi Anand Shah of Sem-04 earned a Certificate of Completion for participating in Skill Nation's live workshop on AI and Automation in MS Excel. The course enhanced her proficiency in advanced Excel techniques and artificial intelligence applications.

**DHOLERA
SMART
CITY**



ARTISTS' ARENA



Pencil Sketching
Deep Mori Sem-04



Digital Art
Karansinh Rathod Sem-04



Acrylic Art on Jute Bag
Pranshi Patel Sem-04



Alcedo Atthis - Nature Photography
Pranjal Vinzuda Sem-04



Abstract Photography
Tirth Rampariya Sem-02



Oil Pastel Art
Shikha Savaliya Sem-04



Pen Mandala Art
Janki Prajapati Sem-02



Faculty Newsletter Coordinator

Prof. Dhriti R. Rawat

Content Writer

Aayushi Anand Shah (Sem-04)

Tirth Rampariya (Sem-02)

Hargy Chaudhary (Sem-02)

Designer

Aayushi Anand Shah (Sem-04)



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