

The background of the cover is a photograph of the Sydney Harbour Bridge, a large steel arch bridge, spanning the water. In the distance, the Sydney city skyline is visible with various skyscrapers. The sky is filled with white and grey clouds. The entire image has a greenish-grey tint.

JAN-JUNE 2023

(Issue -7)

E - Newsletter

CIVIL BULLETIN

Civil Engineering Department

Dr. S. & S. S. Ghandhy College of engg. & tech. Surat

MESSAGE FROM HOD'S DESK



Dear Diploma in Civil Engineering Students,

I hope this message finds you all in good spirits and eager to embark on an exciting journey of teaching and learning. As your Head of Department (HOD), I want to take a moment to motivate and encourage each one of you as you continue your academic pursuits.

Education is a powerful tool that shapes our future and empowers us to make a positive impact on the world. As Civil Engineering students, you have chosen a field that plays a crucial role in shaping the infrastructure of society, making it both challenging and rewarding. I want to remind you that learning is not just about absorbing information; it's about acquiring skills, nurturing curiosity, and fostering a lifelong love for knowledge. Embrace the challenges that come your way, for they are the stepping stones to growth and personal development. Remember, every obstacle you overcome brings you one step closer to your goals.

Always believe in your abilities. Each one of you possesses unique talents and strengths that, when combined, create a diverse and dynamic learning environment. Support and inspire each other, for collaboration enhances understanding and opens doors to new ideas. Be open to new perspectives and innovative approaches to problem-solving. The field of Civil Engineering is constantly evolving, and as educators and learners, we must stay adaptable and embrace change. To excel in your academic journey, time management and dedication are key. Set realistic goals, break them down into smaller achievable tasks, and work diligently towards them. Remember, progress is not always linear, but with determination and perseverance, success will be within your reach.

Lastly, remember that education is not just about building your careers; it's about building character and contributing to society. As Civil Engineering students, you have the power to shape a better and sustainable future for generations to come.

Believe in yourself, believe in your potential, and let your passion for learning ignite the flame of success within you. As your HOD, I have full faith in each one of you and look forward to witnessing your growth and achievements

Best wishes for a fulfilling and enriching teaching-learning journey!

Contact Details
Mr. D. P. RAO
Head of the department
Department of Civil Engineering
Email: ced06ssg612@gmail.com

MESSAGE FROM EDITORIAL BOARD

Hello Everyone!

Once more, it is with immense pleasure that I was given the opportunity to work on the 7th issue of the department E-Newsletter. As we all know, a Newsletter mirrors a college-Its vision and mission. It also highlights department events, activities, placement, academic prowess and achievements. In this edition, I have tried to capture last six months excitement and activities. I do hope that the newsletter encourages many more including students to use it as a platform to express their creativity. I sincerely hope that this edition makes for an interesting read.

Sincerely,

Happy Reading...!

Editor in chief
D. P. RAO (HOD)

Editor
Ms. K. D. Uchdadiya (LCE)
Mr. N. K. Ribinwala (LCE)

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Civil engineering is the art of creating beauty out of chaos

ABOUT DEPARTMENT

Civil engineering department was established in 1955 with intake of 60 students, of Dr. S. & S. S. Ghandhy College of Engineering and Technology, Surat. Institute is running under Department of Technical Education, Government of Gujarat and is affiliated to Gujarat Technological University, Ahmedabad. Diploma Civil engineering program is approved by All India council for technical education (AICTE), New Delhi.

The Civil Engineering Department is one of the founding departments in the Institute and has grown substantially over the years. Department is a Professional engineering discipline which deals with the Design, Construction and Maintenance of the physical and naturally built environment. Program was accredited by NBA for the period of 2021 - 2024. The present student intake of the department is 124 from 2008 in two divisions and guided by well qualified and experienced faculties. Department consists of various laboratories like, Surveying, Transportation engineering, Fluid mechanics, Environmental Engineering etc. Civil Engineering can be considered as a single largest branch among all the engineering branches.

VISION

“Achieve Excellence in Civil Engineering for sustainable and comprehensive growth of industry & society.”

MISSION

- To develop core competency in civil engineering.
- To promote learning through innovative approach for sustainable development.
- To inculcate professional knowledge & entrepreneurship skill with moral, ethical & professional value for industry & society.
- To upgrade staff with advancement in civil engineering & professional Liaisoning with industry.



PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

1. To understand, design and Operations of Civil Engineering Tools.
2. To implement the imperative knowledge of science & fundamental concepts of civil engineering.
3. To pursue higher education, Career development & entrepreneurship skills in Civil engineering.
4. To exhibit leadership, trigger social & economical commitments & to inculcate community services and protect environment.

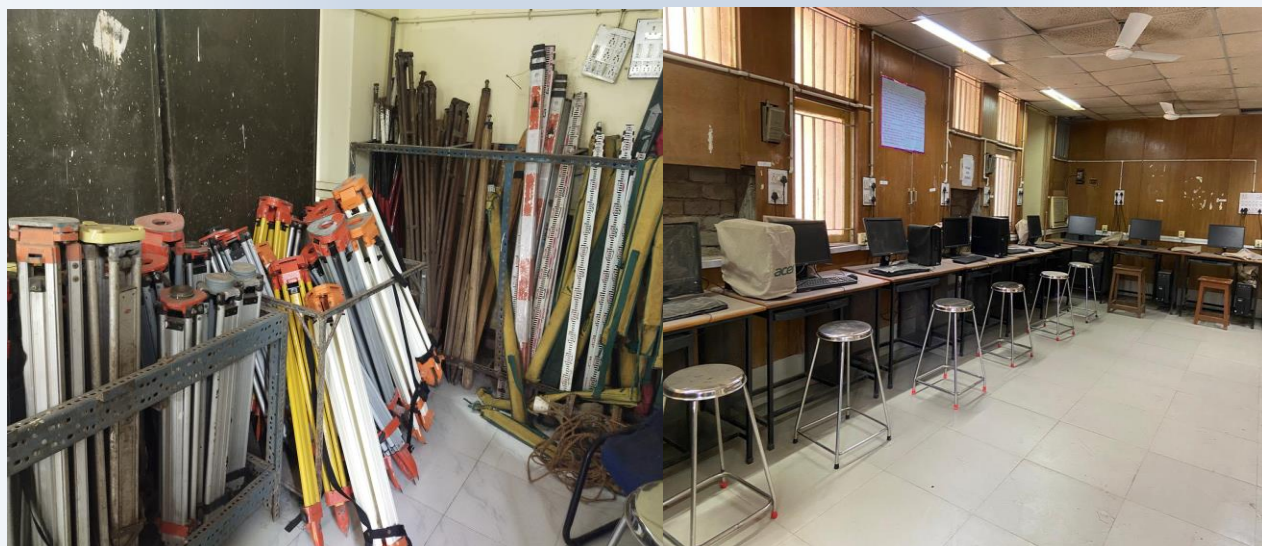
PROGRAM SPECIFIC OUTCOMES (PSOs)

1. To plan, design, estimate, execution and maintenance of various civil engineering structures.
2. To solve civil engineering problems for sustainable development of society & environment.

DEPARTMENT FACILITIES

Laboratories information

SR.NO.	ROOM NO.	LAB NAME	LAB INCHARGE
1	LRUC -1	Surveying Lab	Mr. N. K. Ribinwala
2	LRUC-2	Environmental Engineering Lab	Ku. R. D. Goswami
3	LRUC-3	Computer Lab	Mr. S. V. Nimavat
4	ROOM -2	Transportation engineering lab	Mr. N. G. Mahajan





The civil engineering department Library is well-stocked with latest editions of books by eminent authors and is having a huge collection of books to cater to the needs and requirements of the faculty.

To cater to the wide varieties of demands of students and faculty and taking Educational needs, Information needs, Inspiration needs and recreational needs into consideration, CED Departmental library has been enriched with:

- + 177 books of various subjects available for faculties.
- + Project report of past academic years are being maintained.

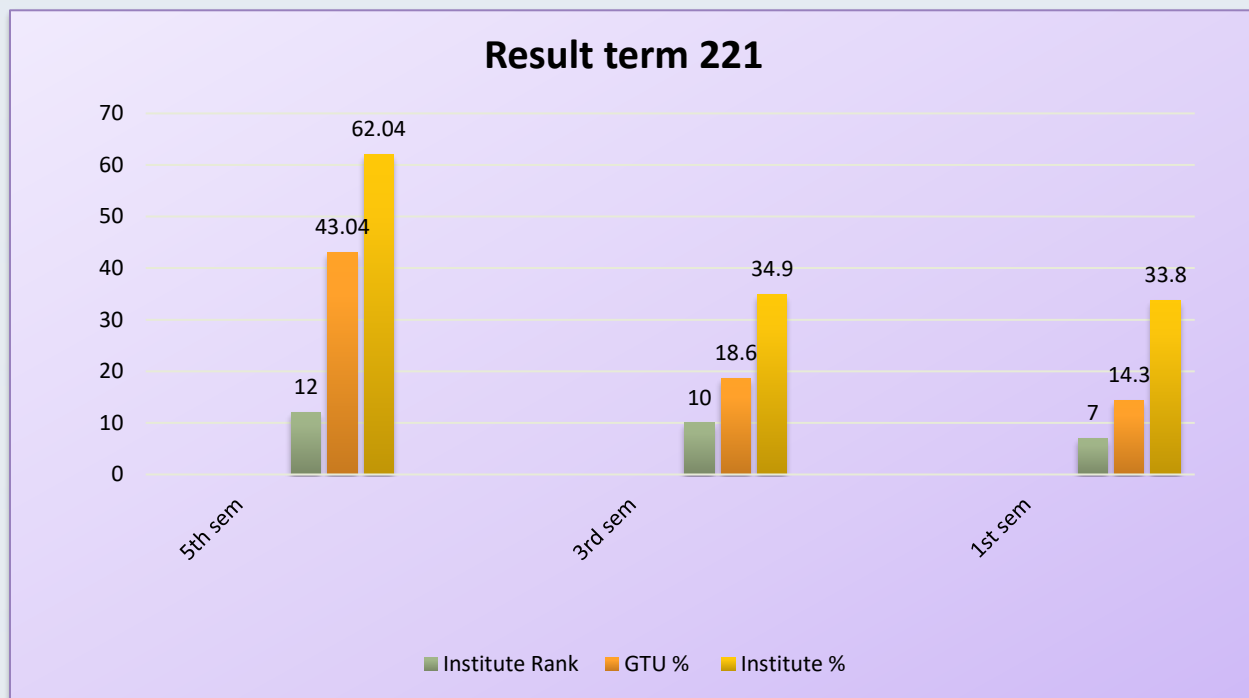


PLACEMENT				
Sr. no.	COMPANY NAME	DATE OF INTERVIEW (DD/MM/YY)	NO. OF STUDENTS PARTICIPANTS	NO. OF STUDENTS SELECTED
1	Meinhardt EPCM India Pvt.Ltd	24/03/2023	16	7
2	ARCELLOR MITTAL NIPPON STEEL	20/01/2023	12	3

"Pleasure in the job puts perfection in the work."

FAME IN ACADEMIA

<u>Semester</u>	<u>Enrollment No.</u>	<u>Name of Student</u>	<u>CPI</u>	<u>CGPA</u>	<u>SPI</u>
1 st	226120306150	UMRIGAR VINAY DEEPAKBHAI	9.85	0	9.85
	226120306085	PATEL AASTHA DHARMESHBHAI	9.65	0	9.65
3 rd	216120306048	DALAL MEET NEHALKUMAR	9.48	9.2	9.2
	216120306029	KUNWAR VIRAJ DHARMESHBHAI	9.16	8.85	8.85
5 th	206120306009	PATEL JASH DHARMESHKUMAR	9.19	9.05	8.42
	206120306003	patel priyanshi nitinbhai	8.96	8.78	8.64



Don't Count the Days, Make the Days Count

DEPARTMENT CO-CURRICULAR ACTIVITIES

EXPERT LECTURE

Topic: Scope of career advancement in civil engineering in recent times

The Civil Engineering department recently organized an expert talk on the “**Scope of career advancement in civil engineering in recent times**” to provide guidance of 3rd year diploma civil engineering students.

A civil engineer generally plans, designs, and manages construction of structures like buildings, bridges, dams, roads, railways, and many more. The experts highlighted about field job, higher study and government services and private services about civil engineering.

Date: 18/03/2023

No. of Participant: 96

Speaker: Prof. Avinash P. Satasiya (HOD - Civil department, SSASIT-SURAT)

DR. Digant A. Pastagia (Associate Professor- Civil department, SSASIT-SURAT)



Topic: Technological Trends in the Civil Engineering Field for Diploma Graduates

The Civil Engineering department recently organized an expert talk on the "**Technological Trends in the Civil Engineering Field for Diploma Graduates.**" The event aimed to provide valuable insights into the latest advancements and emerging technologies that are shaping the civil engineering industry.

The expert talk featured renowned professionals and experts from the civil engineering field who shared their expertise and knowledge with the diploma graduates. The event covered a wide range of topics, highlighting the technological trends that are revolutionizing various aspects of civil engineering.

Date: 28-03-2023

No. of Participant: 45

Speaker: Mr. Mukesh Malsure



Topic: Career Opportunities after Civil Diploma Graduates.

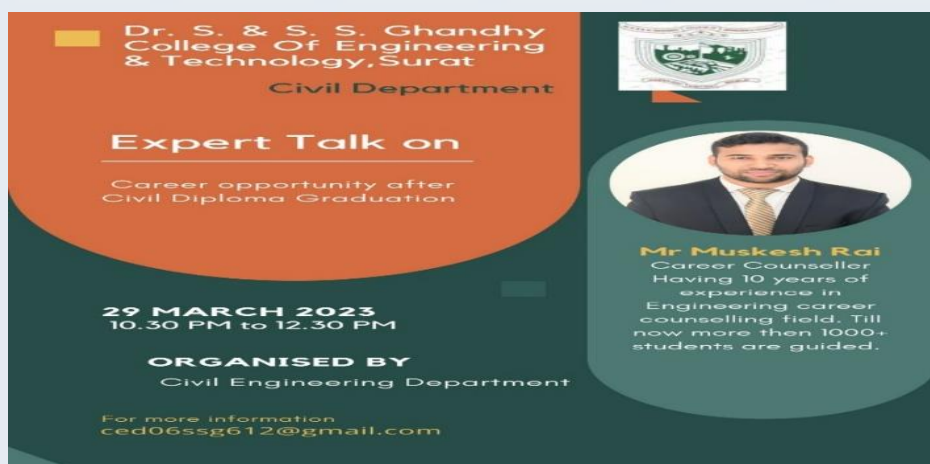
On 29-03-2023, the Civil Engineering department organized an expert talk focusing on "**Career Opportunities after Civil Diploma Graduates.**" The event aimed to provide valuable insights and guidance to the diploma graduates regarding the various career paths available to them in the field of civil engineering.

The expert talk featured renowned professionals and industry experts who shared their experiences, expertise, and knowledge with the diploma graduates. They discussed a wide range of career opportunities and provided guidance on how to navigate the job market successfully. The event started with an overview of the current job market trends in the civil engineering industry. The experts highlighted the increasing demand for skilled civil engineering professionals across sectors such as construction, infrastructure development, urban planning, and environmental engineering.

Date: 29-03-2023

No. of Participant: 36

Speaker: Mr. mukesh rai



Workshop on Modern Surveying Equipment

Civil department has organized two-day workshop on Modern Surveying Equipment on 08-06-2023 and 09-06-2023. In this workshop practical industrial problem is given to solve as exercise. DGPS (Differential Global Positioning System) is a valuable skill for Diploma in Civil Engineering students. DGPS is a more accurate and precise positioning technology compared to traditional GPS. It allows for real-time correction of GPS signals, resulting in improved accuracy and reliability in surveying and mapping applications.

As a civil engineering student, acquiring DGPS skills can enhance your proficiency in various areas, including:

- Land Surveying:** DGPS can provide accurate measurements of land boundaries, topographic features, and construction sites. By understanding DGPS principles, you can efficiently conduct surveys, establish control points, and collect precise spatial data.
- Construction Layout:** DGPS technology can be used to accurately position and mark locations for construction projects. It enables you to set out structures, alignments, and dimensions with high precision, ensuring proper execution of design plans.

Date: 08-06-2023 to 09-06-2023

No. of students: 86



Industrial exposure

Surat Railway station, Surat visit

A Civil engineering department arrange visit for 4th semester students in subject Basic transportation engineering at Surat railway station on 29-04-2023 to understand different components of railway track, points & crossing and railway yard with 86 Students and faculty member V.J. Vadiwala, M.G. Shaik, K.D. Uchdadiya, J.M. Vala.



Eco Vision, Environmental Research, Surat

A Civil engineering department arrange visit for 6th semester students in subject Construction Quality control & Monitoring at Eco Vision, Environmental Research, Surat on 29-04-2023 to understand plastic waste management with 45 Students and faculty member S.C. Patel, V.S. Rajput, N.K. Ribinwala.



Bhumi Research Center, Surat visit

A Civil engineering department arrange visit for 6th semester students in subject Construction Quality control & Monitoring at Bhumi Research Center, Surat on 06-03-2023 to understand various test perform in control condition on material in laboratory with 44 Students and faculty member S.C. Patel, V.S. Rajput, N.K. Ribinwala, M.G. Shaikh.



Green Building, Jaiman House, Surat visit

A Civil engineering department arrange visit for 6th semester students in subject Construction Quality control & Monitoring at Jaiman House, Surat on 21-04-2023 to understand various aspect of green building with 68 Students and faculty member S.C. Patel, V.S. Rajput, N.K. Ribinwala.



Surat Fort, Chowk Bazar, visit

A Civil engineering department arrange visit for 6th semester students in subject Maintenance & Rehabilitation of Structure at Fort, Chowk bazar, Surat on 06-05-2023 to understand maintenance aspect of fort with 84 Students and faculty member V.S. Rajput, M.G. Shaikh, V.J. Vadiwala.



SNPTI Research Center, Umrah (Fire Safety) visit

A Civil engineering department arrange visit for 6th semester students in subject Building Services at SNPTI Research Center, Umrah on 24-02-2023 to understand fire safety services installation in educational building with 88 Students and faculty member D.C. Rajput, R.D. Goswami.





STUDENTS ACHIEVEMENTS

Students of 6th Semester getting award for 3rd ranked for “**Best project village development CHALTHAN**” under guidance of prof. Shaikh Mohammed Taufiq. G. and prof. Hetal Hemanshu. In vishwakarma Yojana (Phase- IX) an approach towards Rurbanization on date: 23/01/2023.

Student name:

GANDHI JAY S.

KANANI MANTHAN M.

RANA AKSHAY M.



Alumni students' message



Dhruv Hareshbhai Sutariya
Enrollment No. 206120306091
Civil-B (2020-23 Batch)

I completed my diploma civil engineering program from DR. S.& S.S. GHNADHY COLLEGE OF ENGINEERING & TECHNOLOGY, SURAT. I tell all of you as alumni student about my department, We are study in the college, there was a situation of covid-19 between courses, but department handled it. The teacher here teaches the student by becoming friends of the student.

Our college has well maintained laboratory and library. Not only education but also visit are arranged to see how filed work activities to the site are done such as Bullet train (Ahmedabad to Mumbai), Railway Truck and Yards, IMD Surat, madhuban dam etc...

Every year event is organized by the college in which every student encouraged to participate fun& food festival, day celebrations, Navaratri, Holi, sports week etc...

The placement of this department is very attractive many students have been selected top class company like Meinhardt EPCM, L&T, AMNS etc...

When, I was studying in the college, this department has been very rewarding for my carrier I always grateful for what the department has given me.

Thank you.



Prit Arvindbhai Dudhart
Enrollment no. 206120306060
Civil-A (2020-2023 Batch)

Civil Engineering Department of DR. S.& S.S. Ghandhy college of Engineering & technology Surat is such a firm for diploma program which quality content to its student.

Our college life started with covid-19 situation, but our civil department provided good support.

The nature of the teacher here is to help the student in everything. All department faculty & staff are good.

Institute help us to develop skills, which are very helpful for career such as repot writing, AutoCAD, Revit ,3d max etc..., Also several field visits were help in second and third year. Which helps us to expand our minds towards how actual process at site occurs and how can we analysis things on site, identify faults and faculty discuss how can we as future civil engineer nullify those mistakes.

Our department also arranges expert lecture such as pile foundation, finishing school program, GPSC and UPSC Guideline, Carrere guideline Civil engineering Software Guideline, which are fun to program and fain knowledge from it. Also, staff member provides guidance regarding career.

Creative Corner



Student Name: Kukadiya vineet

En. No. : 216120306045

Class: 4th sem Division -A



Student Name: Kukadiya vineet

En. No. : 216120306045

Class: 4th sem Division -A

"Creativity is a wild mind and a disciplined eye."

DAY CELEBRATION

Civil department celebrate Suite and saree day on Date: 15/02/2023





THANK
YOU
FOR
READING OUR
NEWSLETTER