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(Issue -8)

E – Newsletter CIVIL BULLETIN

Civil Engineering Department

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

MESSAGE FROM HOD'S DESK



Contact Details

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The Vibrant Gujarat Global Summit is your ticket to an immersive world of possibilities. Network with industry leaders, explore cutting-edge technologies, and showcase your skills among the best minds in civil engineering. But that's not all – we're doubling the excitement with ICEA's Material Exhibition in Surat.

At the ICEA exhibition, delve into the latest advancements in civil engineering materials. Witness innovations, interact with experts, and gain hands-on experience with the materials shaping our industry's future. It's a unique chance to bridge theoretical knowledge with practical insights.

Why should you be part of this tandem event? Besides networking for potential internships and job opportunities at the Summit, the ICEA exhibition offers a deep dive into material science, crucial for any budding civil engineer.

Stay in the loop with our comprehensive e-newsletter, ensuring you're up-to-date on both events. Don't miss this golden opportunity to expand your horizons and enrich your civil engineering journey!

MESSAGE FROM EDITORIAL BOARD

Dear Readers,

It is indeed a great honor to be the Enewsletter Editor for the SSGP, civil department and it is an immense pleasure to launch this 8th edition of Enewsletter.

In this issue, we will recount the various activities in which department faculty members were actively involved. Two main points will be the STTP organized by civil department and also the huge success in Tech Vardhanam 2023.

Together we would work towards making the Enewsletter a truly influential publication. Any Comments, suggestions and special issue proposals are always welcome.

Happy Reading...!

Editorial Board Members

EDITOR IN CHIEF
Mr. D. P. RAO (HOD)

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

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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. Devise solution for technical problems in the field of civil engineering, individually as well as team member.
2. Make students strongly committed to the highest level of Professional Ethics and socially Responsible.
3. Striving for Sustainable and Environment friendly Development.
4. Acquire new technology by continuous updating knowledge through lifelong learning.

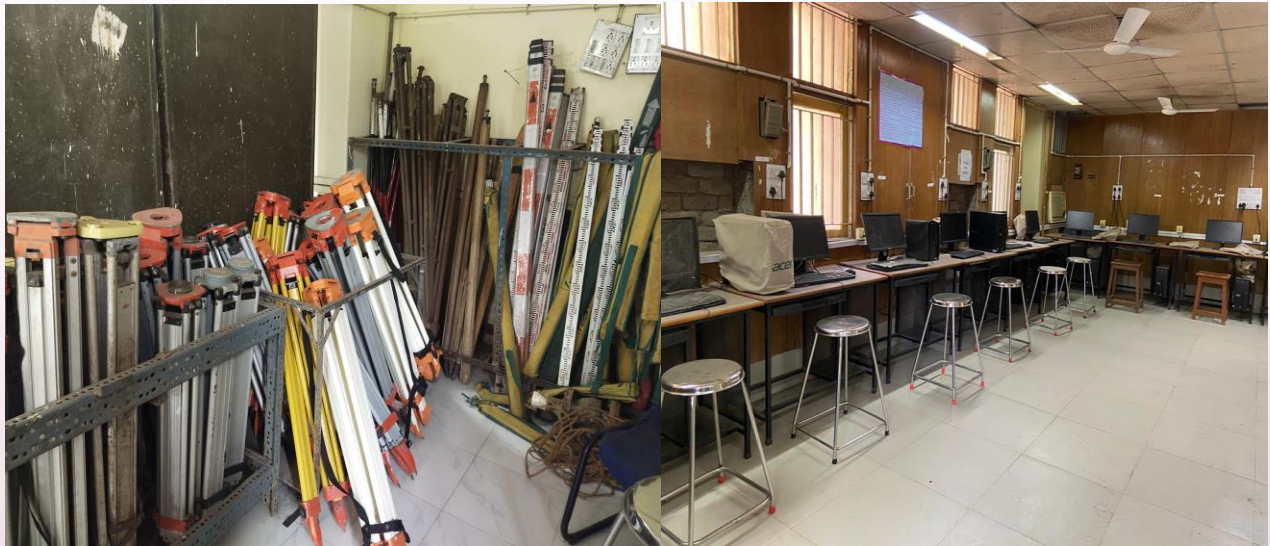
PROGRAM SPECIFIC OUTCOMES (PSOs)

1. Planning, Designing and Execution of Sustainable Structures
2. 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





Department LIBRARY

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 is being maintained.



RESULTS ANALYSIS

TERM 222

Semester	Enrollment No.	Name of Student	CPI	CGPA	SPI
2 nd	226120306077	PAL POOJA SHYAMPAL	9.33	0	9.55
	226120306126	RATHOD DEEPKUMAR MUKESHBHAI	8.67	0	8.36
4 th	216120306048	DALAL MEET NEHALKUMAR	9.41	9.2	9.2
	216120306029	KUNWAR VIRAJ DHARMESH BHAI	9.27	9.23	9.6
6 th	206120306009	PATEL JASH DHARMESH KUMAR	9.03	8.85	8.27
	206120306079	GAMIT YASH HARILAL	9.03	8.96	9.64



Co-curricular Activities

EXPERT LECTURE

Topic: "Entrepreneurship and Start-ups"

An expert lecture on "Entrepreneurship and Start-ups" was organized by Civil Engineering Department and IT Department, including 11 staff members, the event proved to be a resounding success. These includes Introduction to Entrepreneurship and its Relevance in Civil Engineering, Financial organization Management, Distinguish management and administration, Identify support agencies and current promotional schemes for enterprise and start-ups, Advocacy to investor, Various Legal Issues. The Expert Lecture provided an excellent platform for knowledge sharing and served as a testament to the college's commitment to staying at the forefront of emerging technologies.

Date: 25/10/2023

No. of Participant: 72

Speaker: Mr. Dharmendra V.Jariwala (Lecturer at GP, Navasari)



Workshop on Role of Latest Civil Engineering Software in Urban

Computer Aided Drafting is invariably used for Civil Engineering Drawing and visual representation before actual construction. With advancement in Building Technology, new features have been introduced in structures. Further structural design has also been modernized. This has further increased the importance of drawing and drafting software's which help in visualizing the structures thus increasing the understanding. Civil Engineering Drawing, the language of a Civil Engineer helps him in efficiently representing engineering details like plan, elevation, section, foundation, building elements, etc. Computer Aided Drafting tools like AUTOCAD, REVIT, SKETCHUP have made civil engineering drawing simple, easy to represent details and time saving.

Date: 15-16 September-2023

No. of students: 96

Speaker: Mr. Keyur Chavda (Education manager SOPAN InfoTech)

Mr. Sanjay Rathod: (Senior Application engineer, SIED)





Your education is a dress rehearsal for a life that is yours to lead." - Nora Ephron

Extra-Curricular Activities

One Week Short Term Training Programme (STTP)

Topic: "Application of remote sensing and GIS"

Programme Title & Code: Application of remote sensing and GIS (SSGP_23_2)

Training Duration: 30/10/2023 to 04/11/202

Training Coordinator: Shri. D. C. Rajput, Lecturer in Civil Engg., Dr. S. & S. S. Ghandhy College of Engineering & Technology, Surat – 395001, M- 9512745566, email-dipeshrajput3000@gmail.com

Training Co-Coordinator: Shri. N. G. Mahajan, Lecturer in Civil Engg., Dr. S. & S. S. Ghandhy College

of Engineering & Technology, Surat – 395001, M- 9904845085, [email- nitendra.mahajan@gmail.com](mailto:nitendra.mahajan@gmail.com)
No. of Participants: 26 Nos.





Event:: "Load Bearing Battel"

Civil department organized event in National Level Tech Fest Tech वर्धनम् 23. It was given to make structural column using papers progress student has to demonstrate their structural designing skill fundamental skill of structural designing through making framed column. This framed column is the tested on universal testing machine for taking maximum load.

Coordinating/Organizing Committee:

Name	Designation	Event Designation
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Nitendra G. Mahajan	Lecturer in Civil	Faculty Coordinator
Prachi S. Rana	3 rd sem Student	Student Coordinator

No. of Participants: 47 Nos.



Surveying Project (Dharampur), Valsad

A Civil engineering department arrange visit for 3rd semester students in subject surveying on 27-09-2023 to understand and prepare contour maps. Contour surveying provides valuable information about the local ecosystem. It monitors land erosion and other environmental changes.

No. of students: 98

Faculty: 6



PSP project-Sab jail, Ring Road, Surat visit

A Civil engineering department arrange visit for 5th semester students on 29-09-2023 with 55 Students and 4 faculties to understand construction work at Construction of new administrative building of Surat.



Metrological department, Vesu, Surat

A Civil engineering department arrange visit for 5th semester students in subject of water resources engineering on 4/11/2023 to understand various types of rain gauge and collection of rain data in field with 58 Students and 4 faculty member.



STUDENT ACHIEVEMENTS



Wild life awareness program
Name: Patel Aastha D.
En.no. 226120306085
Semester : 3rd



Drawing competition under "azadika Amrut mahotsav programme"
Name: AhirRiddhi U.
En.no. 226120306002
Semester : 3rd





NAME: Vaniya Mayur B.
En.no.: 206120306111
Semester: 5th B division



NAME: Aahir Riddhi U.
En.no.: 226120306002
Semester: 3rd A division

