

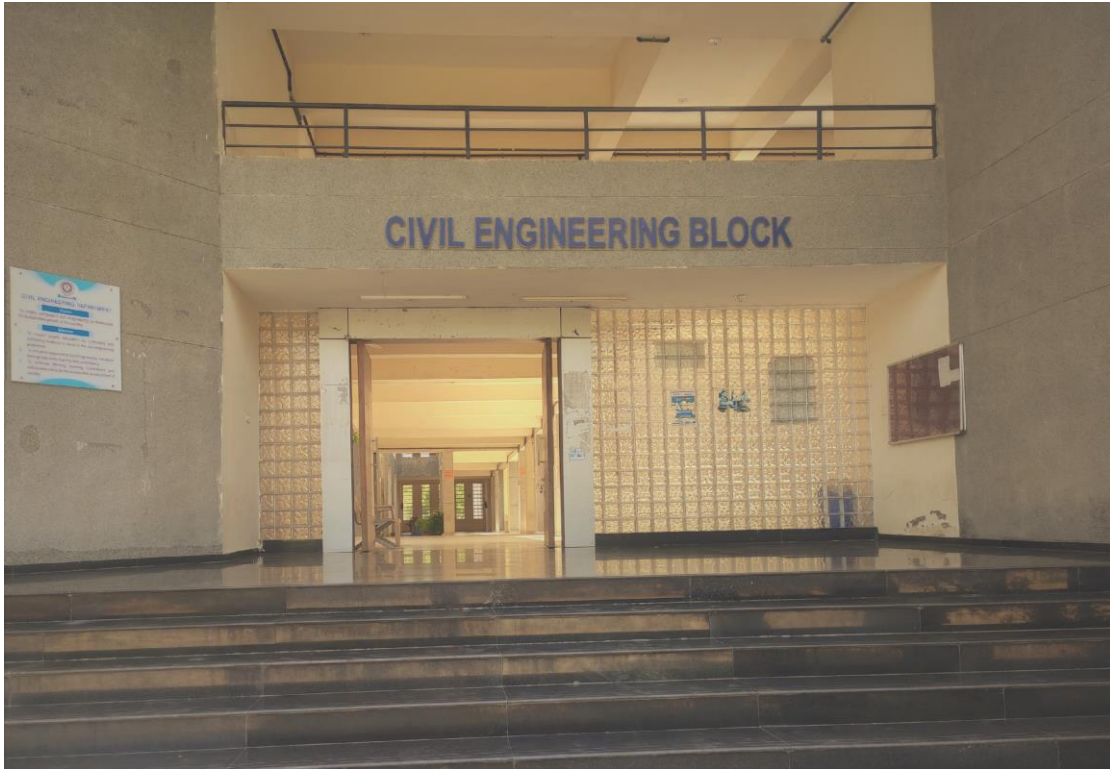
Civil at a Glance

(E-NEWS LETTER)

HALF YEARLY MAGAZINE

JULY- DEC 2023

CIVIL ENGINEERING DEPARTMENT
GOVERNMENT ENGINEERING COLLEGE PALANPUR



Government of Gujarat

GOVERNMENT ENGINEERING COLLEGE PALANPUR

JAGANA, PALANPUR-AHMEDBAD HIGHWAY, PALANPUR - 385001, GUJARAT, INDIA

ફોન નં. (02982) 220004, 220005

Phone-(02742) 220005, 220006

Website: www.gecpl.cteguj.in Email: gec-palanpur-dte@gujarat.gov.in

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Editorial Board

Prof. M N Prajapati

Contact us

Civil Engineering Department
Government Engineering College, Palanpur
Jagana, Palanpur-Ahmedabad highway,
Palanpur – 385011,
Gujarat, India

VISION AND MISSION OF INSTITUTE

VISION

" To be a leading technical institute facilitating transformation of human resources into socially responsible engineering professionals for sustainable development "

MISSION

- (1) To achieve academic excellence by developing state-of-the-art laboratories and academic infrastructure.
- (2) To create an ecosystem that promote value based technical education, innovation and entrepreneurship for sustainable development.
- (3) To contribute to industry and society by providing technical and consultancy services.
- (4) To enhance technical competencies of human resources by providing need base trainings and quality improvement programs.

VISION AND MISSION OF DEPARTMENT

VISION

"To create competent Civil Engineering professionals for sustainable growth of the society."

MISSION

- (1) To impart quality education by cultivating and mentoring students to excel in the Civil Engineering profession.
- (2) To enhance exposure to Civil Engineering Industries through site visits, trainings and consultancy.
- (3) To promote life-long learning, Innovations and entrepreneurship for the sustainable development of society.

Dear students,

Welcome to the Department of Civil Engineering at Government Engineering College, Palanpur. Civil engineers design, construct, supervise, operate, and maintain large construction projects and systems, including roads, buildings, airports, tunnels, dams, bridges, and systems for water supply and sewage treatment. Civil engineering is one of the most critical disciplines for providing solutions for an ever-changing society, whether it's a roads and bridges that we drive on, the foundations and buildings that we occupy in or the clean air and water that we need. The role of civil engineers is everywhere and will become even more essential for developing the nations like India.

Our fully dedicated senior and qualified faculty members look forward to continuing our leadership in preparing the future technocrats in the field of civil engineering, engineering leaders that are capable of engaging in new technologies in the field of civil engineering and providing effective solutions to complex civil engineering problems. We have started consultancy services to the construction industries and rural areas. Our faculties are actively engaged in providing outstanding educational as well as practical exposure to the students.

With this, I wish all of you good luck and have pleasant and wonderful four years journey at Civil Engineering Department, GEC, Palanpur.



Dr. G. M. Savaliya

FACULTIES OF DEPARTMENT

Sr. No.	Name of Faculty	Designation	Area of Specialization	Teaching Experience (Years)
1	Prof. (Dr.) G. M. Savaliya	Assistant Professor & Head	Structural Engineering	13
2	Prof. H. U. Patel	Assistant Professor	Transportation Engineering	11
3	Prof. V. H. Khokhani	Assistant Professor	Water Resource Engineering and Management	12.6
4	Prof. S. G. Chauhan	Assistant Professor	Urban Planning	10.2
6	Prof. N. R. Kotiya	Assistant Professor	Geotechnical Engineering	9.2
7	Prof U. R. Patel	Assistant Professor	Structural Engineering	16
8	Prof. R. K. Rathod	Assistant Professor	Water Resource & Management	16
9	Prof. M. N. Prajapati	Assistant Professor	Structural Engineering	7.2

INNOVATIVE PRACTICE IN TEACHING-LEARNING/ ASSESSMENT PROCESS

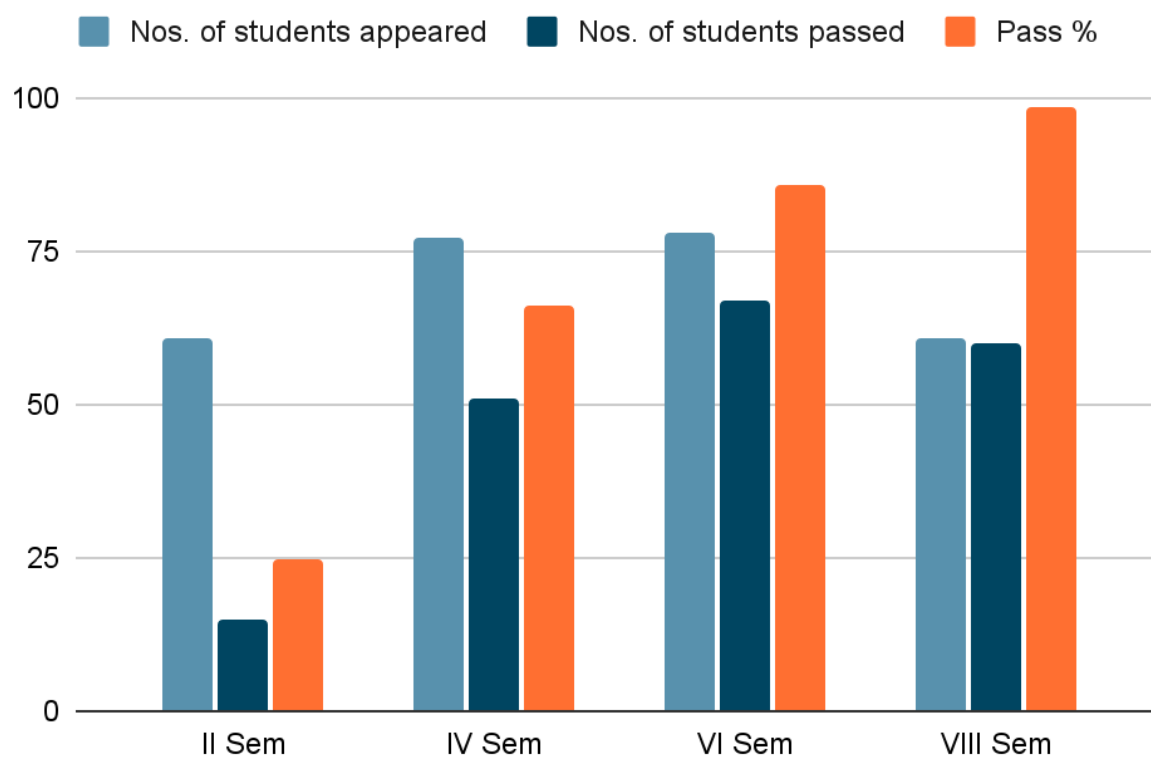
Sr. No.	Methodology	Related Subject	Class	Name of Staff
1	ICT, Audio-Visual tools including NPTEL Videos Rubrics-based Progressive Assessment	EEEC-7th DSS-7th IPDC-5th	4th Year 3rd Year	Dr. G. M. Savaliya
2	Students were Assessed Through an Excel Program Developed to solve problems Students were asked to prepare assignment drawings in AutoCAD and assessed accordingly	EEEC - 7th DSS-7th	4th Year	Dr. G. M. Savaliya
3	Utilized a multimedia projector for lectures along with chalk and duster and employed animation contents in the laboratory to enhance	TE PDHC	5th	Prof. H. U. Patel

	learning. Regularly assigned tasks to students and assessed their submissions to ensure comprehension and progress. Created engaging lecture materials (PowerPoint presentations) incorporating charts, graphs, videos, and e-books to enrich the learning experience. Collaborated with students to design and produce charts for laboratory use.			
4	ICT, Audio-Visual tools, Powerpoint Presentation used for visual understanding. Rubrics-based Progressive Assessment Video's related to the content/topic were played for better understanding of the concept.	PHE-7th BCT-3rd	4th Year 2nd Year	Prof. R. K. Rathod
5	Use of Educational Videos, Interactive Learning, Real- world learning, Brainstorming	CT-5th MOS-3rd	3rd Year 2nd Year	Prof. M. N. Prajapati

RESULT ANALYSIS OF SUMMER 2023

Summer - 2023		Nos. of students appeared	Nos. of students passed	Pass %
FY	II Sem	19	7	36.84
SY	IV Sem	66	33	50
TY	VI Sem	74	52	74.32
LY	VIII Sem	75	75	100

RESULT ANALYSIS



TOPPER OF SUMMER 2023 GTU EXAM (EVEN SEMESTER)

2nd Semester

Sr. No	Enrollment No	Name	SPI
1	220610106012	MEVADA RIDDHIBEN VIJAYBHAI	8.45
2	220610106019	SAMSETA BHAVIKBHAI HITESHJI	8.32
3	220610106016	PRAJAPATI KINJAL AMRUTBHAI	8.09

4th Semester

Sr. No	Enrollment No	Name	SPI
1	210610106009	CHAUDHARY MITTAL MOTIBHAI	8.52
2	210610106048	PRAJAPATI JIGAR RAMESHBHAI	8.48
3	210610106023	PRAJAPATI HARDIKKUMAR DALPATBHAI	8.39

6th Semester

Sr. No	Enrollment No	Name	SPI
1	210610106501	SHERU RAHIL ABDULRASHID	9.30
2	210610106522	SUTHAR JOYKUMAR DIPAKBHAI	9.13
3	210610106509	GRANTH BHARDWAJ	8.91

8th Semester

Sr. No	Enrollment No	Name	SPI
1	190610106005	BHATI ANILBHAI RAMESHBHAI	10.00
2	190610106007	BHOJAK NAMAN VIKRAMBHAI	10.00
3	190610106009	BIHARI SHAKILKHAN SHERKHAN	10.00

TRAINING ATTENDED BY STUDENT / STAFF

Sr. No	Name of Faculty	Training	Name of Institute/Organizer	Duration	
				From	To
1	Dr. G. M. Savaliya	MOOC - Design of Connections in Steel Structures	NPTEL	AUG 2023	SEPT 2023
2	N R Kotiya	MOOC- Pavement Materials	NPTEL	JULY 2023	OCT 2023
3	U. R. Patel	MOOC-Developing soft skill and Personality	NPTEL	JULY 2023	SEPT 2023

RESEARCH PUBLICATIONS

International Journal / Conference publications:

DEPARTMENTAL ACTIVITIES

Industrial Visit

Sr. No.	Name of Industry	Day	Semester
1	Exhibition of Semicon India 2023 at Mahatma Mandir, Gandhinagar	1	1 & 7

Expert Lecture

Sr. No.	Date	Topic	Name of Expert	Name of coordinator	Platform Used	No of participates
1	11/09/2023	Workshop : Introductory and Demo Session on MIDAS Software Solutions in the domain of Bridges, Buildings and Geotechnical Engineering	Mr . Akshay Magar (Technical support Engineer)	N R Kotiya	OFFLINE at CED GEC PALANPUR	75
2	04-11-2023	A Seminar on Career opportunities for Civil Engineers	Mukesh Patel and the Team	Dr. G. M. Savaliya and Prof. Pradeep Gajjar	Offline	67
3	09-10-2023	Workshop/Seminar on Stadd Pro, Revit, BIM, AutoCAD	Sai Cad and Team	Prof. M.N.Prajapati	Offline	45

4	09-08-2023	Arranged Expert talk by Ultratech Cement Ltd	Hardik Nadoda	Dr. G. M. Savaliya and Prof. N.R.Kotiya	Offline	37
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