

Civil at a Glance

(E-NEWS LETTER)

HALF YEARLY MAGAZINE

JANUARY- JUNE 2022

CIVIL ENGINEERING DEPARTMENT

GOVERNMENT ENGINEERING COLLEGE PALANPUR



Government of Gujarat

GOVERNMENT ENGINEERING COLLEGE PALANPUR

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

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Editorial Board

Prof. Y J Chauhan,

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.

From the Desk of Head of the Department

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.



Prof. P. C. Vasani

Faculties of Department (As on June 2022)

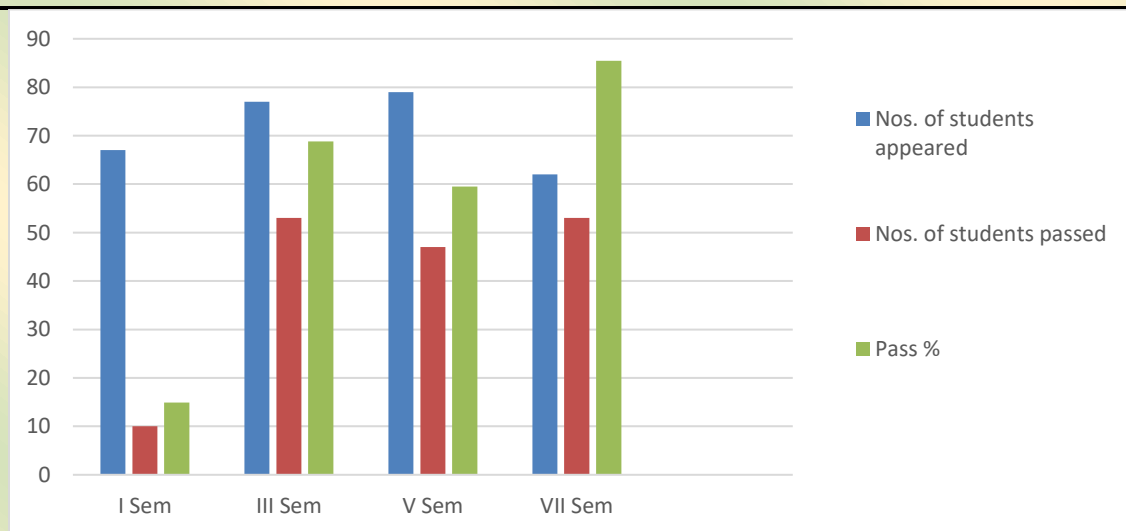
Sr. No.	Name of Faculty	Designation	Area of Specialization	Teaching Experience (Years)
1	Prof. P. C. Vasani	Professor & Head	Structural Engineering	38
2	Prof. (Dr.) V. R. Sharma	Assistant Professor	Structural Engineering	12.5
3	Prof. (Dr.) G. M. Savaliya	Assistant Professor	Structural Engineering	11
4	Prof. H. U. Patel	Assistant Professor	Transportation Engineering	8
5	Prof. V. H. Khokhani	Assistant Professor	Water Resource Engineering and Management	8.5
6	Prof. S. G. Chauhan	Assistant Professor	Urban Planning	8
7	Prof. Y. J. Chauhan	Assistant Professor	Structural Engineering	6
8	Prof. N. R. Kotiya	Assistant Professor	Geotechnical Engineering	7
9	Prof. R. K. Rathod	Assistant Professor	Water Resource Management	13.8
10	Prof. U. R. Patel	Assistant Professor	Structural Engineering	13
11	Prof. M. N. Prajapati	Assistant Professor	Structural Engineering	5

Innovative Practice in Teaching-learning/Assessment Process

Sr. No.	Methodology	Related Subject	Class	Name Of Staff
1	Online Classes conducted online through MS Team	All current subjects	All Sem	All Staffs
2	Online Exams conducted through MS Team	All current subjects	All Sem	All Staffs

Result Analysis

Winter - 2021		Nos. of students appeared	Nos. of students passed	Pass %
FY	I Sem	67	10	14.93
SY	III Sem	77	53	68.83
TY	V Sem	79	47	59.49
LY	VII Sem	62	53	85.48



Topper of Winter 2021 GTU Exam

1st Semester

Sr. No	Enrollment No	Name	SPI
1	210610106009	CHAUDHARY MITTAL MOTIBHAI	8.53
2	210610106008	PATEL KAVYABEN DILIPKUMAR	8.35
3	210610106048	PRAJAPATI JIGAR RAMESHBHAI	7.71

3rd Semester

Sr. No	Enrollment No	Name	SPI
1	210610106501	SHERU RAHIL ABDULRASHID	9.48
2	210610106509	GRANTH BHARDWAJ	8.65
3	210610106522	SUTHAR JOYKUMAR DIPAKBHAI	8.57

5th Semester

Sr. No	Enrollment No	Name	SPI
1	200610106514	PARMAR FALGUNI RAMESHBHAI	8.29
2	190610106030	JUA RINKUBEN LALJIBHAI	8.26
3	190610106032	KIRI PRUTHVI PRAKASHKUMAR	8.26

7th Semester

Sr. No	Enrollment No	Name	SPI
1	190613106008	THUMAR BINAL HARESHBHAI	8.83
2	180610106042	PATEL HETALBEN RAJESHBHAI	8.79
3	190613106006	PRAJAPATI PANKAJKUMAR DINESHBHAI	8.79

Training attended by Student

Sr. No	Name of Industry	Date	Duration	No. of Student
1	KCG-Finishing School Program Set-A	4/10/2021 to 8/10/2021	5 days	56
2	Summer Internship	24/05/2021 to 16/06/2021	15 days (Min.)	62
3	KCG-Finishing School Program Set-C	3/1/2022 to 7/1/2022	5 days	56
4	KCG-Finishing School Program Set-A	7/3/2022 to 11/3/2022	5 days	66

Faculty/staff training/seminar/conferences attended

Sr. No	Name of Faculty	Training	Name of Institute/Organizer	Duration	
				From	To
1	Dr. G. M. Savaliya	Problem Solving through Programming in C	NPTEL-Mooc	January 2022	April 2022
2	Dr. G. M. Savaliya	Design and Construction of Steel Structure	VKIT, Bengaluru (INSDAG and CIDA)	06/06/2022	10/06/2022
3	Prof. H. U. Patel	Urban Transportation Systems Planning	NPTEL-Mooc	January 2022	April 2022
4	Prof. V. H. Khokhani	Geographic Information Systems	NPTEL-Mooc	24/01/2022	15/04/2022
5	Prof. V. H. Khokhani	Green Buildings Construction Technology	NITTTR Bhopal	25/04/2022	29/04/2022
6	Prof. S. G. Chauhan	Geographic Information Systems	NPTEL-Mooc	24/01/2022	15/04/2022
7	Prof. S. G. Chauhan	Technology Enabled Learning	NITTTR Bhopal	28/03/2022	01/04/2022
8	Prof. S. G. Chauhan	Designing Innovative Laboratory Experiments in Civil	NITTTR Bhopal	13/06/2022	17/06/2022

Sr. No	Name of Faculty	Training	Name of Institute/Organizer	Duration	
				From	To
9	Prof. Y. J. Chauhan	Advances in Earthquake Safe Design and Construction Practice	LDCE (ATAL FDP)	07/02/2022	11/02/2022
10	Prof. Y. J. Chauhan	Fire-Resistant Design of Structures	LDCE (AICTE sponsored - QIP)	25/04/2022	30/04/2022
11	Prof. Y. J. Chauhan	Design of Confined Masonry Buildings for Earthquake Disaster Risk Mitigation in India	LDCE (GIAN sponsored)	06/06/2022	10/06/2022
12	Prof. N. R. Kotiya	Urban Transportation Systems Planning	NPTEL-Mooc	January 2022	April 2022
13	Prof. U. R. Patel	Indian Constitution	GP, Rajkot	28/03/2022	01/04/2022

Research Publications

International Journal / Conference publications:

1. Chandrasekaran Srinivasan, Bharat Shah, and Yogesh J. Chauhan (2022), “**Dynamic analyses of triceratops under Hurricane-driven Metocean conditions in Gulf of Mexico**” Journal of Ocean Engineering, Vol. 256, 15 July 2022, 111511, SCI Indexed I.F. 4.372 (2021) <https://doi.org/10.1016/j.oceaneng.2022.111511>

Department Activities

Industrial Visit

Sr. No.	Name of Industry	Day	Semester
1	NHSRCL, L&T Geotechnical Laboratory, Anand	2/4/2022	6 th & 8 th

Expert Lecture

Sr. No.	Date	Topic	Name of Expert	Platform Used	Remarks
1	28/01/2022	Expert Talk on “The emerging challenges related to Water Conservation, Accumulation and Management”.	Dr. P. V. Timbadiya, Associate Professor, SVNIT, Surat	MS Team	
2	5/3/2022	Expert Talk on Structural Analysis for preparation of competitive Exams	Prof. P. C. Vasani	MS Team	
3	5/3/2022	Expert Talk on Foundation Engineering, preparation of competitive Exams	Prof. P. C. Vasani	MS Team	
4	7/3/2022	Expert Talk cum Workshop on AutoCAD	Mr. Rohan Patel	Room 7007, Civil Engineering Dept.	

Student Projects

Sr. No.	Project Title	Name of Guide
1	Internship at Site / Industry	All Staffs

Student Achievements

Sr. No.	Enrollment Number	Name of Student	Name of Event	Place	Date	Outcome
1	190610106052	Patel Daksh	9 th International Tourism	190610106052	Patel Daksh	