

Civil at a Glance

(E-NEWS LETTER)

HALF YEARLY MAGAZINE

JULY- DEC 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. 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	12
2	Prof. H. U. Patel	Assistant Professor	Transportation Engineering	10
3	Prof. V. H. Khokhani	Assistant Professor	Water Resource Engineering and Management	11.6
4	Prof. S. G. Chauhan	Assistant Professor	Urban Planning	9.2
5	Prof. Y. J. Chauhan	Assistant Professor	Structural Engineering	7
6	Prof. N. R. Kotiya	Assistant Professor	Geotechnical Engineering	8.5
7	Prof U. R. Patel	Assistant Professor	Structural Engineering	15
8	Prof. R. K. Rathod	Assistant Professor	Water Resource Management	13
9	Prof. M. N. Prajapati	Assistant Professor	Structural Engineering	6.2

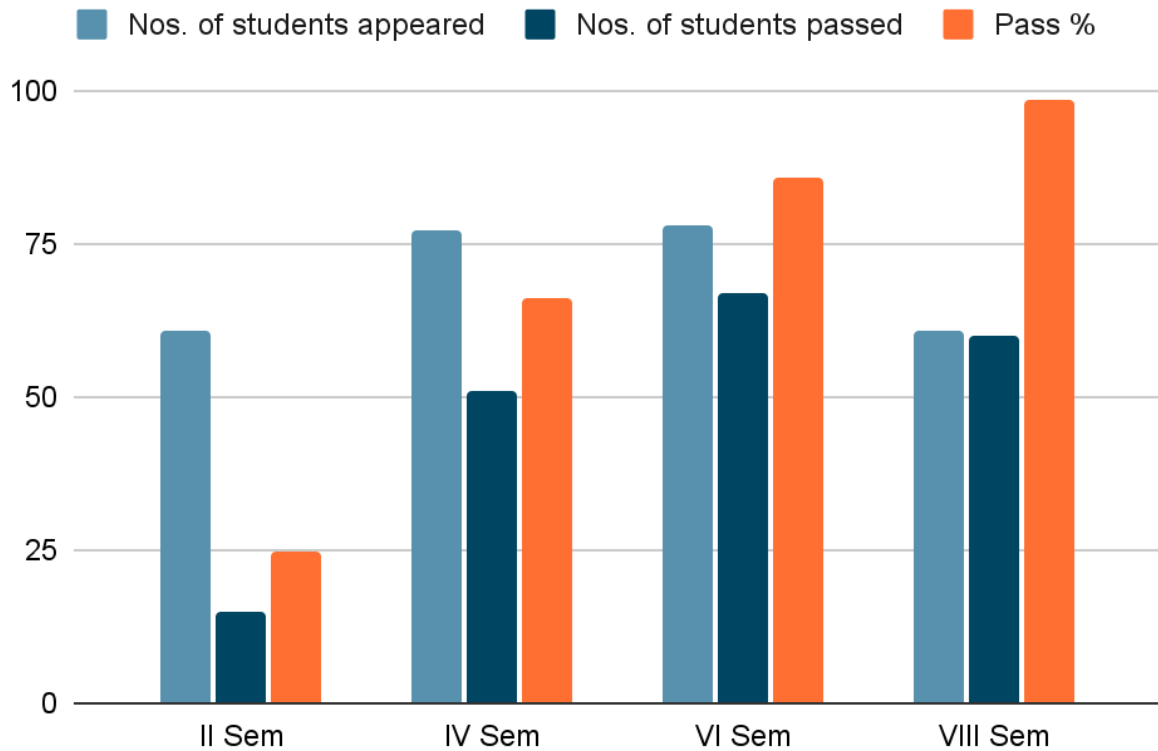
INNOVATIVE PRACTICE IN TEACHING-LEARNING/ ASSESSMENT PROCESS

Sr. No.	Methodology	Related Subject	Class	Name of Staff
1	Site Visit Arranged at Jagana Head Works	Bridge Course and BCE	1st Year	Prof. G. M. Savaliya/ Prof. H. U. Patel
2	Site Visit Arranged at Jagana Head Works	BCT / SURVEY	2nd Year	Prof. G. M. Savaliya / Prof. V. H. Khokhani
3	Site Visit Arranged at Jagana Head Works	EEEC / DRCS	4th Year	Prof. G. M. Savaliya/Prof. S.G.Chauhan
4	Site Visit Arranged at Jagana Head Works	INDUCTION PROGRAMME	1st Year	Prof. S.G.Chauhan
5	Site visit at Dada Harir Stepwell	AICTE Internship	4th Year	Prof. G. M. Savaliya/Prof. Y. J. Chauhan/ Prof. V. H. Khokhani

RESULT ANALYSIS OF SUMMER 2022

Summer - 2022		Nos. of students appeared	Nos. of students passed	Pass %
FY	II Sem	61	15	24.59
SY	IV Sem	77	51	66.23
TY	VI Sem	78	67	85.90
LY	VIII Sem	61	60	98.36

RESULT ANALYSIS



2nd Semester

Sr. No	Enrollment No	Name	SPI
1	210610106008	PATEL KAVYABEN DILIPKUMAR	8.23
2	210610106047	DARJI JAY PRAVINKUMAR	8.14
3	210610106012	PRAJAPATI RAVIBHAI BHARATBHAI	8.05

4th Semester

Sr. No	Enrollment No	Name	SPI
1	210610106501	SHERU RAHIL ABDULRASHID	8.43
2	210610106509	GRANTH BHARDWAJ	8.30
3	200610106030	GOHIL GORAKHBHAI SHIVABHAI	8.17

6th Semester

Sr. No	Enrollment No	Name	SPI
1	190610106037	MAKWANA SHITALKUMAR KANAIYALAL	8.91
2	200610106514	PARMAR FALGUNI RAMESHBHAI	8.86
3	190610106032	KIRI PRUTHVI PRAKASHKUMAR	8.83

8th Semester

Sr. No	Enrollment No	Name	SPI
1	180610106011	CHAUDHARY TEJASHKUMAR MOHANBHAI	10.00
2	180610106026	MERCHANT DHRUV SUNIL	10.00
3	180610106027	MEVADA AKHILKUMAR CHANDULAL	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	Innovation by Design	NPTEL MOOC IIT-MADRAS	25-07-2022	19-08-2022
3	Prof. V. H. Khokhani	Availability and Management of Groundwater Urban Utilities Planning: Water Supply, Sanitation and Drainage	NPTEL MOOC IIT-MADRAS NPTEL MOOC IIT-MADRAS	25-07-2022	14-10-2022
4	Prof. S G Chauhan	INDUCTION PROGRAMME PHASE-1	NITTTR	10/10/22	21/10/22
5	Prof. S G Chauhan	INTRODUCTION TO URBAN PLANNING	NPTEL MOOC	25/07/22	21/09/22
6	Prof. S G Chauhan	DESIGNING INNOVATIVE LABORATORY EXPERIMENTS IN CIVIL ENGINEERING	NITTTR/ONLINE	13/06/22	17/06/22
7	Prof. Y. J. Chauhan	Bridge Engineering	SWAYAM-NPTEL IITKH	25/07/2022	14/10/2022
9	Prof.U.R.Patel	Soft Skills	NPTEL MOOC	13/08/22	14/10/22

RESEARCH PUBLICATIONS

International Journal / Conference publications:

1. S. Chandrasekaran, B. Shah, and Y. J. Chauhan, "Fatigue Assessment of Offshore Triceratops Restraining System Under Hurricane-driven Metocean Conditions," Int. J. Steel Struct., no. 0123456789, 2022, <https://doi.org/10.1007/s13296-022-00689-w>.

DEPARTMENTAL ACTIVITIES

Industrial Visit

Sr. No.	Name of Industry	Day	Semester
1	Site Visit Arranged at Jagana Head Works	1	II Sem
2	Site Visit Arranged at Jagana Head Works	1	IV Sem
3	Site Visit Arranged at Jagana Head Works	1	VI Sem
4	Site Visit Arranged at Jagana Head Works	1	VIII Sem
5	Site visit at Dada Harir Stepwell	1	VIII Sem

Expert Lecture

Sr. No.	Date	Topic	Name of Expert	Name of coordinator	Platform Used	No of participates
1	2/8/2022	GUIDANCE FOR GPSC/UPSC	Dr. Shamal, Assistant Director, G D Modi, College, Palanpur	Dr. N. A. Patel and Dr. G. M. Savaliya	ROOM 7012	35
2	23/8/2022	GUIDANCE FOR GPSC/UPSC/GATE	Mr. Hardik Kapadia, (General Aptitude & Mathematics Trainer)	Placement Cell, GECPL	ROOM 4012	168
3	14/10/2022	Introduction to Design Thinking Webinar	Srijana Upadhyay	Prof. Y. J. Chauhan and Dr. G. M. Savaliya	ROOM 7012	75

STUDENTS ACHIEVEMENTS

Sr. No.	Enrollment Number	Name of Student	Name of Event	Place	Date	Outcome
1	190610106032	KIRI PRUTHVI PRAKASHKUMAR	Participated in the Internship offered by Ministry of Housing & Urban Affairs, Government of India and implemented by AICTE	Dada Harir Vav, Ahmedabad	1st July 2022 to 5th August 2022	Students secured 5th rank across the country in the AICTE Internship - Mission Amrit Sarovar Jal Dharohar sanrakshan Yojana. Contributed in formulating a rejuvenation and reimagination strategy for Dada (Bai) Harir'S Stepwell, Ahmedabad , Gujarat.
2	190610106030	JUA RINKUBEN LALJIBHAI				
3	190610106076	SINDHI NAAZEELKHAN J.				
4	190610106031	MILAN KHATRI				
5	190610106066	PRAJAPATI SAURAV ANILBHAI				
6	190610106037	MAKWANA SHITALKUMAR KANAIYALAL				
7	190610106059	PRAJAPATI ABHISHEKKUMAR KANJIBHAI				
8	200610106509	MEVADA GUNJANBHAI SURESHBHAI				
9	190610106052	PATEL DAKSHKUMAR VINODBHAI				
10	200610106514	PARMAR FALGUNI RAMESHBHAI				
11	200610106513	MEWADA KRUPA BEN RAMESH BHAI				
12	200610106510	PRAJAPATI ANKIT KANUBHAI				
13	200610106516	CHAUDHARY VIPULBHAI RANCHHODBHAI				
14	200610106517	GAMAR RAKESHBHAI TARABHAI				
15	200610106515	MANVAR BHARMALBHAI DHNABHAI				

FACULTY ACHIEVEMENTS

Faculty Members are appreciated for Guiding AICTE Internship Mission Amrit Sarovar Jal Dharohar sanrakshan Yojana

Prof. Y. J. Chauhan received certificate of Appreciation for being mentor and Institute Nodal Officer in the internship offered by Ministry of Housing & Urban Affairs, GoI and implemented by AICTE

Prof. Y. J. Chauhan received certificate of Recognition for mentoring the team formulating rejuvenation and reimagination strategy for Dada (Bai) Harir's Stepwell, Ahmedabad and for valuable contribution as a water warrior.