

Civil at a Glance

(E-NEWS LETTER)

HALF YEARLY MAGAZINE

JULY- DEC 2019

CIVIL ENGINEERING DEPARTMENT
GOVERNMENT ENGINEERING COLLEGE PALANPUR



Government of Gujarat

GOVERNMENT ENGINEERING COLLEGE PALANPUR

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

ફોન નં. (૦૨૭૪૨) ૨૨૦૦૦૫, ૨૨૦૦૦૬ Phone-(02742) 220005, 220006

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

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Editorial Board

Prof. Y J Chauhan,
Prof. G M Savaliya,
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.

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 Dec 2019)

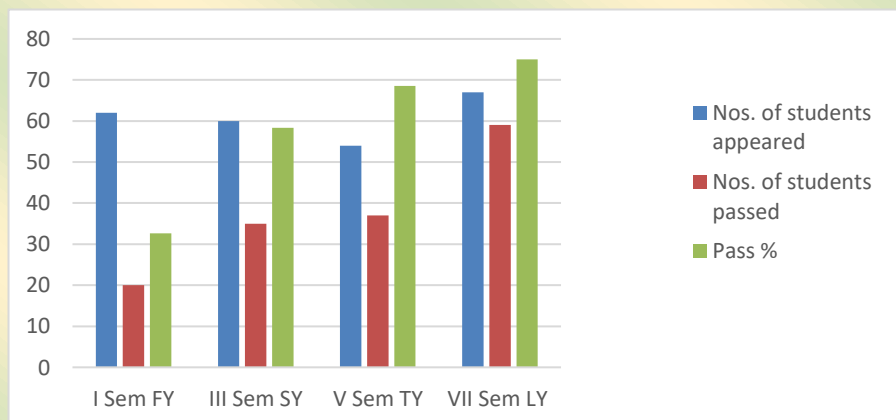
Sr. No.	Name of Faculty	Designation	Area of Specialization	Teaching Experience (Years)
1	Prof.P.C.Vasani	Professor& Head	Structural Engineering	35.5
2	Prof. G.M.Savaliya	Assistant Professor	Structural Engineering	9.5
3	Prof. V. R. Sharma	Assistant Professor	Structural Engineering	10
4	Prof. H.U.Patel	Assistant Professor	Transportation Engineering	6.5
5	Prof. S.G.Chauhan	Assistant Professor	Town Planning	6.5
6	Prof. Y.J.Chauhan	Assistant Professor	Structural Engineering	3.5
7	Prof. N.R.Kotiya	Assistant Professor	Geotechnical Engineering	4.5
8	Prof. R.K. Rathod	Assistant Professor	Water Resource Management	5.5
9	Prof. M.N.Prajapati	Assistant Professor	Structural Engineering	3.5

Innovative Practice in Teaching-learning/Assessment Process

Sr. No.	Methodology	Related Subject	Class	Name of Staff
1	KBC based Quiz	Design of Reinforced Concrete Structures (DRCS)	7 th Sem	Prof. Y. J. Chauhan
2	Leacture Materials and Assignments evaluation through Google Classromm	DRCS	7 th Sem	Prof. Y. J. Chauhan
3	Leacture Materials and Assignments evaluation through Google Classromm	Soil Mechanics SA-II	5 th Sem	Prof. N. R. Kotiya Prof. Y. J. Chauhan

Result Analysis

Summer - 2020		Nos. of students appeared	Nos. of students passed	Pass %
FY	I Sem	62	20	32.6
SY	III Sem	60	35	58.33
TY	V Sem	54	37	68.52
LY	VII Sem	67	59	88.06



Topper of Winter 2018 GTU Exam

1st Semester

Sr. No	Enrollment No	Name	SPI
1	190610106032	KIRI PRUTHVI PRAKASHKUMAR	7.94
2	190610106052	PATEL DAKSHKUMAR VINODBHAI	7.71
3	190610106066	PRAJAPATI SAURAV ANILBHAI	7.71

3rd Semester

Sr. No	Enrollment No	Name	SPI
1	190613106008	THUMAR BINAL HARESHBHAI	8.48
2	190613106004	PARMAR YASH DINESHBHAI	8.30
3	180610106023	KALESHRIYA VIJAYA VIKRAMSINGH	8.26

5th Semester

Sr. No	Enrollment No	Name	SPI
1	170610106007	CHAUDHARI NEHALBEN JESANGBHAI	8.81
2	180613106001	BAROT JIGAR VINESHBHAI	8.52
3	170610106025	HADIYOL SUMENDRASINH GULABSINH	8.42

7th Semester

Sr. No	Enrollment No	Name	SPI
1	170613106009	PATEL MILANKUMAR BHAKTIBHAI	8.83
2	160610106019	JAGANIYA DINESHKUMAR GANESHBHAI	8.48
3	160610106039	PRAJAPATI JINALBEN GANDALAL	8.18

Faculty/staff training/seminar/conferences attended

Sr. No	Name of Faculty	Training	Name of Institute/Organizer	Duration	
				From	To
1	Prof. Y.J.Chauhan	Design of Reinforced Concrete Structures	NPTEL MOOC	29/07/2019	18/10/2019
2	Prof. Y.J.Chauhan	Reinforced Concrete Road Bridges	NPTEL MOOC	26/08/2019	20/09/2019
3	Prof. Y.J.Chauhan	Design of Steel Structures	NPTEL MOOC	29/07/2019	18/10/2019
4	Prof. Y.J.Chauhan	Structural Analysis-I	NPTEL MOOC	29/07/2019	18/10/2019
5	Prof. Y.J.Chauhan	Geosynthetics Testing Laboratory	NPTEL MOOC	29/07/2019	23/08/2019
6	Prof. Y.J.Chauhan	Geotechnical Engineering Laboratory	NPTEL MOOC	29/07/2019	23/08/2019
7	Prof. H.U.Patel	NBA Accreditation	DTE	22/07/2019	26/07/2019
8	Prof. H.U.Patel	Faculty Development for Teacher for Technical Courses	IITE Gandhinagar	29/02/2020	26/03/2020
9	Dr. G. M. Savaliya	Artificial Intelligence in Civil Engineering	NITTTR, Bhopal	16-09-2019	20-09-2019
10	Dr. G. M. Savaliya	Design of Masonry Structures	NPTEL MOOC IIT MADRAS	29-07-2019	16-11-2019
11	Prof. N. R. Kotiya	Induction Phase - I	NITTTR, Bhopal	08/07/2019	19/07/2019
12	Prof. N. R. Kotiya	Accreditation and Outcome Based Learning	NPTEL MOOC	26/08/2019	18/10/2019

International Conference publications:

1. **Vijay SHARMA, Sourabh VERN, M K SHRIMALI, S D BHARTI, T K DATTA (2019), “Energy Dissipation and Seismic Response Evaluation of Semi-Rigid Frames at Various Performance Levels” in *The 16th World Conference on Seismic Isolation, Energy Dissipation and Active Vibration Control of Structures: Proceedings of the Conference*, Saint-Petersburg, July, 1-6, 2019/ ex.ed.I.I. Vedyakov; ASSISi, RAEE.Saint-Petersburg, 2019.1233 p. ISSN: 2686-7974; DOI: <https://doi.org/10.13753/2686-7974-2019-16-694-704>**
2. **Vijay Sharma, M. K. Shrimali, S. D. Bharti, and T. K. Datta (2019), “Seismic Energy Dissipation in Semi-Rigid Steel Frames” in *Proceedings of the 16th World Conference on Seismic Isolation, Energy Dissipation and Active Vibration Control of Structures: Proceedings of the Conference*, Saint-Petersburg, July, 1-6, 2019/ ex.ed.I.I. Vedyakov;ASSISi, RAEE.Saint-Petersburg, 2019.1233 p. ISSN: 2686-7974; DOI: <https://doi.org/10.13753/2686-7974-2019-16-705-717>**
3. **S VERN, Vijay Ramesh SHARMA, M K SHRIMALI, S D BHARTI, T K DATTA (2019), “Response Control of Base Isolated Liquid Storage Tank under Bi-Directional Earthquakes” in *The 16th World Conference on Seismic Isolation, Energy Dissipation and Active Vibration Control of Structures: Proceedings of the Conference*, Saint-Petersburg, July, 1-6, 2019/ ex.ed.I.I. Vedyakov;ASSISi, RAEE.Saint-Petersburg, 2019.1233 p. ISSN: 2686-7974; DOI: <https://doi.org/10.13753/2686-7974-2019-16-1152-11613>.**
4. **Vijay Sharma, M. K. Shrimali, S. D. Bharti, and T. K. Datta (2019), “Sensitivity of lateral load patterns on the performance assessment of semi-rigid frames” *7th NUiCONE: Proceedings of 7th Nirma University International Conference on Engineering*, Nirma University, Ahmedabad. November, 21-22, 2019.**
5. **Vijay Sharma, M. K. Shrimali, S. D. Bharti, and T. K. Datta (2019), “Seismic Energy Loss in Semi-rigid Steel Frames under Near-field Earthquakes” *ICCMS 2019: Proceedings of 7th International Congress on Computational Mechanics and Simulation*, Indian Institute of Technology Mandi, Himachal Pradesh. December, 11-13, 2019.**

Department Activities

Industrial Visit

Sr. No.	Name of Industry	Day	Semester
1	Site visit at Banas Dairy, Ahmedabad.	2 nd August 2019	
2	Site visit at Motera Stadium, Ahmedabad and Mahatma Mandir Cable Stayed Bridge.	7 th August 2019	7 Sem

Expert Lecture

Sr. No.	Date	Topic	Name of Expert	Platform Used	Remarks
1	25/9/2019	Seminar on GATE, PSU's, Private and Govt. jobs awareness & Career options for Engineers	Mukesh Patel	Seminar hall	ICE GATE Institute, Ahmedabad

Student Projects Student Achievements

Sr. No.	Enrollment Number	Name of Student	Name of Event	Place	Date	Outcome
1	170610106048 180613106008 170610106047	1. Prajapati Nilesh Ramchandrabhai 2. Parmar Jinal Champakbhai 3. Prajapati Kaushik Kantilal	Xitij-2019 Zonal level competition Skit	S.R. patel college, Unjha	7th Sep 2019	Secured 2 nd Position

2	160610106027	Patel Jigisha Vijaybhai	Xitij-2019 Zonal level competition on the spot painting	S.R. patel college, Unjha	7th Sep 2019	Secured 1 st Position
3	180610106021	Goswami Vishal Amaratgiri	Xitij-2019 Zonal level competition Clay modeling	S.R. patel college, Unjha	7th Sep 2019	Secured 3 rd Position
4	160610106027	Patel Jigisha Vijaybhai	Xitij-2019 Inter zonal level competition on the spot painting	Rajkot	12 th – 14 th Oct 2019	Secured 2 nd Position
5	180610106021	Goswami Vishal Amaratgiri	Xitij-2019 Inter zonal level competition Clay modeling	Rajkot	12 th – 14 th Oct 2019	Secured 2 nd Position
6	170610106048	Prajapati Nilesh Ramchandrabhai	NSS Pre- Republic Day	Patan	5 th –14 th Nov 2019	Selected for NSS State Republic Day Camp