

Civil at a Glance

(E-NEWS LETTER)

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JANUARY- JUNE 2021

CIVIL ENGINEERING DEPARTMENT

GOVERNMENT ENGINEERING COLLEGE PALANPUR



Government of Gujarat

GOVERNMENT ENGINEERING COLLEGE PALANPUR

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Editorial Board

Prof. Y J Chauhan,
Prof. (Dr.) Vijay R Sharma,
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 June 2021)

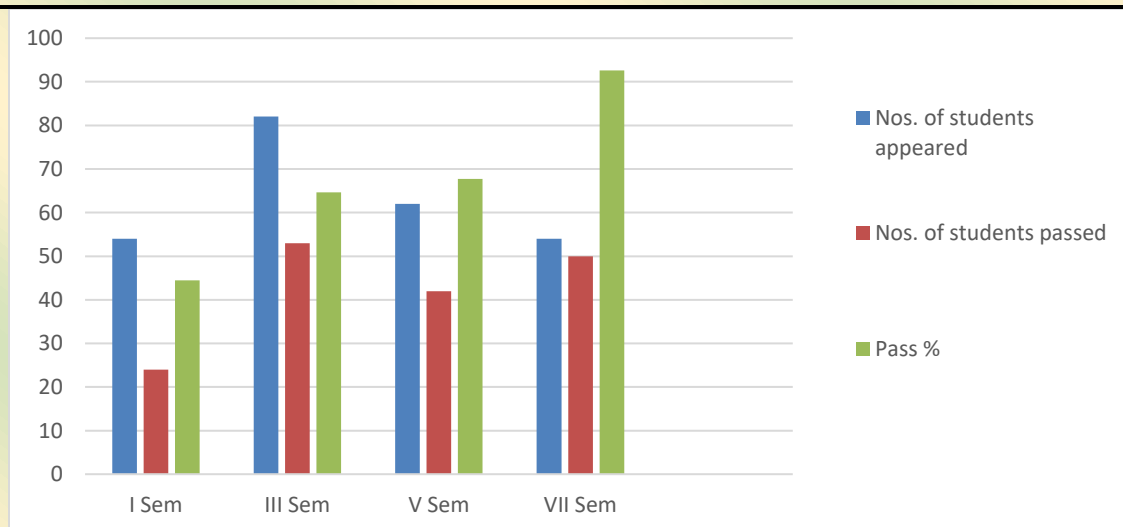
Sr. No.	Name of Faculty	Designation	Area of Specialization	Teaching Experience (Years)
1	Prof. P. C. Vasani	Professor & Head	Structural Engineering	37
2	Prof. (Dr.) V. R. Sharma	Assistant Professor	Structural Engineering	11.5
3	Prof. (Dr.) G. M. Savaliya	Assistant Professor	Structural Engineering	11
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	5
8	Prof. N. R. Kotiya	Assistant Professor	Geotechnical Engineering	6
9	Prof. R. K. Rathod	Assistant Professor	Water Resource Management	12.9
10	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 through online platforms such as Zoom, Cisco Webex, Google Meet, Google Duo, etc during Covid-19 Lockdown	All current subjects	All Sem	All Staffs
2	Online Exams conducted through online platforms such as Google Classroom, Google Duo, etc during Covid-19 Lockdown	All current subjects	All Sem	All Staffs

Result Analysis

Winter - 2020		Nos. of students appeared	Nos. of students passed	Pass %
FY	I Sem	54	24	44.44
SY	III Sem	82	53	64.63
TY	V Sem	62	42	67.74
LY	VII Sem	54	50	92.59



Topper of Winter 2020 GTU Exam

1st Semester

Sr. No	Enrollment No	Name	SPI
1	200610106008	Sharma Vaibhav Dheeraj	9.24
2	200610106022	Chaudhari Miteshkumar Rameshbhai	8.94
3	200610106032	Darji Vijay Dhirajbhai	8.35

3rd Semester

Sr. No	Enrollment No	Name	SPI
1	190610106037	Makwana Shitalkumar Kanaiyalal	8.48
2	200610106517	Gamar Rakeshbhai Tarabhai	8.22
3	190610106032	Kiri Pruthvi Prakashkumar	8.17

5th Semester

Sr. No	Enrollment No	Name	SPI
1	180610106042	Patel Hetalben Rajeshbhai	8.70
2	180610106051	Prajapati Kalpeshkumar Kanabhai	8.57
3	190613106008	Thumar Binal Hareshbhai	8.57

7th Semester

Sr. No	Enrollment No	Name	SPI
1	170610106003	Bharatiya Rajkumar Arjunbhai	9.23
2	170610106025	Hadiyol Sumendrasinh Gulabsinh	9.08
3	170614106002	Joshi Pankajkumar Sureshkumar	9.04

Training attended by Student

Sr. No	Name of Industry	Date	Duration	No. of Student
1	The Project Manager, WDFCC CTP 3R Project, L&T office,	25/05/2021 to 8/06/2021	15	Chaudhary Tejashkumar Mohanbhai
2	Mayank N Konkani	24/05/2021 to 16/06/2021	24	Nikunjbhai Mahla
3	Gangamaiya Construction	24/05/2021 to 16/06/2021	24	Patel Harmit Sunilbhai
4	The Project Manager, WDFCC CTP 3R Project, L&T office, Bhandu	27/05/2021 to 11/06/2021	16	Prajapati Dhruvkumar Jaytibhai
5	Chamunda Earth Movers	24/05/2021 to 16/06/2021	24	Rajgor Niteshkumar Raghubhai
6	Nagarpalika Chhotaudepur	27/05/2021 to 09/06/2021	14	Vanrajsinh Raghubhai Rathwa
7	Hubtown North Star Ahmedabad	27/05/2021 to 08/06/2022	13	Nai Ronak Mahendrabhai
8	Shree L. K. Patel	27/05/2021 to 08/06/2021	13	Chaudhary Rahulbhai Chunabhai
9	SP Infracon	28/05/2021 to 10/06/2021	14	Zala Dipendrasinh Vanrajsinh
10	SP Infracon	28/05/2021 to 10/06/2021	14	Panchal Hitesh Laxmanbhai
11	Gayatri Construction	29/05/2021 to 12/06/2021	15	Dobariya Nayan Pragjibhai
12	Saswat Construction	1/06/2021 to 16/06/2021	16	Bhutka Saurabhkumar Motibhai
13	Rajkamal Builders Infrastructure Pvt. Ltd	1/06/2021 to 15/06/2021	15	Hirvaniya Akshir Maheshkumar
14	Jayveer Infrastructure	29/05/2021 to 12/06/2021	15	Patel Bhavinkumar Vishnubhai
15	Jayveer Infrastructure	29/05/2021 to 12/06/2021	15	Patel Smitkumar Natvarlal
16	M.V. Construction	31/05/2021 to 15/06/2021	16	Asumal Chhanabhai Pavar

Sr. No	Name of Industry	Date	Duration	No. of Student
17	S. D. Chaudhary Construction	31/05/2021 to 15/06/2021	16	Prajapati Vipulbhai Somabhai
18	S. D. Chaudhary Construction	31/05/2021 to 15/06/2021	16	Chaudhary Kayur Rameshbhai
19	N. K. Construction	29/05/2021 to 12/06/2021	15	Barot Prakash Nagjibhai
20	Rachana Engineer	31/05/2021 to 13/06/2021	14	Chaudhari Pritkumar Abherajbhai
21	Raj Construction	29/05/2021 to 16/06/2021	19	Thumar Binal Hareshbhai
22	Prabhu Enterprise	29/05/2021 to 12/06/2021	15	Prajapati Vijaykumar Devabhai
23	Prabhu Enterprise	29/05/2021 to 12/06/2021	15	Mevada Akhilkumar Chandulal
24	Prabhu Enterprise	29/05/2021 to 13/06/2021	16	Prajapati Kalpeshkumar Kanabhai
25	Nakshtra Developer	31/05/2021 to 13/06/2021	14	Gami Ankitkumar Sureshbhai
26	N. K. Construction	31/05/2021 to 13/06/2021	14	Chaudhari Kirankumar Ghemarbhai
27	Chamunda Earth Movers	31/05/2021 to 13/06/2021	14	Mevada Niteshkumar Rameshbhai
28	D. N. Construction	29/05/2021 to 12/06/2021	15	Barot Piyush Maldevbhai
29	S. D. Chaudhary Construction	2/6/2021 to 16/06/2021	15	Chaudhary Meet Babubhai
30	Tirupati Buildzone Private Limited	2/6/2021 to 15/06/2021	14	Chauhan Laxmansinh Pravinsinh
31	Disha Construction	2/6/2021 to 15/06/2021	14	Suhagi Virajkumar Rameshbhai
32	Nakshtra Developer	31/05/2021 to 13/06/2021	14	Padhiyar Sudhir Kumar Kishorbhaii
33	P.R.Patel & Co.	31/05/2021 to 13/06/2021	14	Patel Aniketbhai Rajeshbhai
34	Nakshtra Developer	31/05/2021 to 13/06/2021	14	Prajapati Anulbhai Kamaleshbhai

Faculty/staff training/seminar/conferences attended

Sr. No	Name of Faculty	Training	Name of Institute/Organizer	Duration	
				From	To
1	Prof. (Dr.) Vijay R. Sharma	Introduction To Soft Computing	SYAWAM, NPTEL IITKH	18 th Jan 2021	21 st March 2021
2	Dr. G. M. Savaliya	Effective Writing	SYAWAM, NPTEL IITR	18 th Jan 2021	12 th Feb 2021
4	Prof. V. H. Khokhani	NBA Webinar	Education Department	06 th March 2021	06 th March 2021
3	Prof. Y. J. Chauhan	Introduction To Soft Computing	SYAWAM, NPTEL IITKH	18 th Jan 2021	21 st March 2021

Research Publications

International Journal / Conference publications:

1. Vijay Sharma, M.K. Shrimali, S.D. Bharti and T. K. Datta (2021), “**Seismic Fragility Evaluation of Semi-rigid frames subjected to Near-field Earthquakes**” Journal of Constructional Steel Research, Vol. 176 , pp. 1-15 Elsevier. ISSN: 0143-974X, SCI Indexed I.F. 2.938 (2019) <https://doi.org/10.1016/j.jcsr.2020.106384>

Department Activities

Industrial Visit

Sr. No.	Name of Industry	Day	Semester
NIL (Due to COVID-19 Lockdown)			

Expert Lecture

Sr. No.	Date	Topic	Name of Expert	Platform Used	Remarks
1	06-04-2021	Water Resources Scenario and future scope in India	Priyanka Trivedi HOD, Tolani Polytechnic	Online Google Meet	
2	05-04-2021	Drone Surveying	Nikhil Methiya Director, CEO Drone Lab	Google Meet	
3	14/06/2021	Preparation strategy of competitive exam: GPSC / GATE / IES / SSC / RRB / GSSSB	Prof. P. C. Vasani & Dharmik Bhavsar	MS Team	161
4	15/06/2021	Qualities of A Good Engineering Student	Prof. P. C. Vasani	MS Team	145
5	16/06/2021	Journey to become successful engineer and living successful radiant life	Dr. K. B. Judal	MS Team	202
6	18/06/2021	Qualities of Engineers and Engineering students	Prof. P. C. Vasani	MS Team	77

7	22/6/2021	Youth and entrepreneurship	Prof. H. N. Chaudhary	MS Team	90
8	29/6/2021	Personality Development through Technical and Cultural Events	Prof. P. C. Vasani	MS Team	58

Student Projects

Sr. No.	Project Title	Name of Guide
1	Flexible pavement design using IIT Pave Software	Prof. H. U. Patel
2	Effect of Glass sand as a replacement of natural river sand on High Strength Self Compacting Concrete (HSSCC)	Prof. Y. J. Chauhan
3	Seismic Analysis of Steel & RCC Moment Frames using Nonlinear Time History Analysis (THA)	Prof. (Dr.) Vijay. R. Sharma
4	Feasibility of BRTS at Palanpur	Prof. H. U. Patel
5	RCC Design Checking, Estimation, Supervision of School Building	Prof. P. C. Vasani
6	Design of Intze tank using Staad Pro	Prof. (Dr.) G. M. Savaliya
7	Smart Village Planning	Prof. S. G. Chauhan
8	Nonlinear Time History Analysis Of G+23 Building with shear wall and fluid viscous damper In Etabs.	Prof. Y. J. Chauhan
9	Hostel Planning	Prof. S. G. Chauhan
10	Effect of Steatite powder as a partial replacement of natural river sand on High Strength Self Compacting Concrete (HSSCC)	Prof. Y. J. Chauhan
11	Vishwakarma Yojana Project Phase-VIII	Prof. (Dr.) G. M. Savaliya

Student Achievements

Sr. No.	Enrollment Number	Name of Student	Name of Event	Place	Date	Outcome
1	170610106007 170610106018 180613106008	1. Chaudhari Nehalben Jesangbhai 2. Desai Dipti Baldevbhai 3. Parmar Jinal Champaklal	“UltraTech Sparkling Star 2021” Inter College Power Point Presentation Contest	Sankalchand Patel College of Engineering, Visnagar, Mehsana / Online Mode	10th & 26th March 2021	1 st Runner Up