

Civil at a Glance

(E-NEWS LETTER)

HALF YEARLY MAGAZINE

JANUARY- JUNE 2019

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,
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 June 2019)

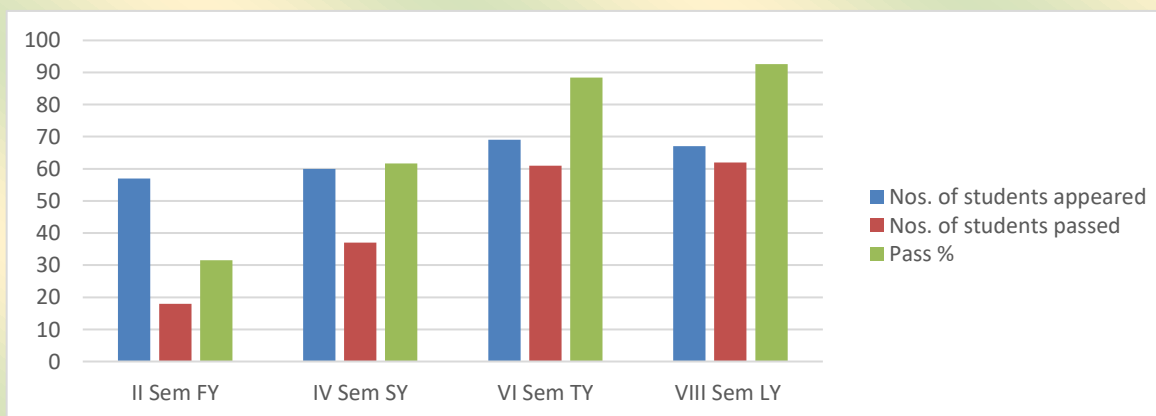
Sr. No.	Name of Faculty	Designation	Area of Specialization	Teaching Experience (Years)
1	Prof.P.C.Vasani	Professor& Head	Structural Engineering	35
2	Prof. U.R.Singh	Assistant Professor	Transportation Engineering	14
3	Prof. G.M.Savaliya	Assistant Professor	Structural Engineering	9
4	Prof. V. R. Sharma	Assistant Professor	Structural Engineering	9.5
5	Prof. H.U.Patel	Assistant Professor	Transportation Engineering	6
6	Prof. S.G.Chauhan	Assistant Professor	Town Planning	6
7	Prof. Y.J.Chauhan	Assistant Professor	Structural Engineering	3
8	Prof. N.R.Kotiya	Assistant Professor	Geotechnical Engineering	4
9	Prof. R.K. Rathod	Assistant Professor	Water Resource Management	5
10	Prof. M.N.Prajapati	Assistant Professor	Structural Engineering	3

Innovative Practice in Teaching-learning/Assessment Process

Sr. No.	Methodology	Related Subject	Class	Name of Staff
1	Students were asked to make presentation on the given topic and to deliver in the class itself to improve their self-learning ability	Advanced Construction Engineering	6 th sem	Prof. R. K. Rathod Prof. H. U. Patel
2	Leacture Materials and Assignments evaluation through Google Classromm	DSS FE	8 th Sem	Prof. Y. J. Chauhan Prof. N. R. Kotiya
3	Leacture Materials and Assignments evaluation through Google Classromm	ESD	6 th Sem	Prof. Y. J. Chauhan

Result Analysis

Summer - 2020		Nos. of students appeared	Nos. of students passed	Pass %
FY	II Sem	57	18	31.58
SY	IV Sem	60	37	61.67
TY	VI Sem	69	61	88.41
LY	VIII Sem	67	62	92.54



Topper of Summer 2019 GTU Exam

2nd Semester

Sr. No	Enrollment No	Name	SPI
1	180610106031	NAI RONAK MAHENDRAKUMAR	7.95
2	180610106042	PATEL HETALBEN RAJESHBHAI	7.91
3	180610106040	PATEL BHAVINKUMAR VISHNUBHAI	7.86

4th Semester

Sr. No	Enrollment No	Name	SPI
1	170610106018	DESAI DIPTI BALDEVBHAI	8.64
2	180613106011	PRAJAPATI LILABHAI SOMABHAI	8.36
3	180613106015	SUNSARA ISHABHAI HABIBBHAI	8.24

6th Semester

Sr. No	Enrollment No	Name	SPI
1	160610106021	KAKADIYA DIVYESH ARVINDBHAI	9.13
2	160610106050	RATHOD BHARGAV NILESHKUMAR	9.13
3	160610106019	JAGANIYA DINESHKUMAR GANESHBHAI	9.10

8th Semester

Sr. No	Enrollment No	Name	SPI
1	160613106015	RAVAL PARTH BHUPENDRABHAI	9.48
2	160613106017	SUTHAR AMULYA DIPAKKUMAR	9.30
3	160613106001	BABI TUFELAEHMAD NAJIRBHAI	9.26

Training attended by Student

Sr. No	Name of Industry	Date	Duration	No. of Student
1	Ajay Eng. Infrastructure Pvt Ltd.	04/06/2019 to 15/06/2019	12	03
2	Angan Villa Residency	01/06/2019 to 15/06/2019	15	07
3	Associate Construction Co.	01/06/2019 to 15/06/2019	15	01

Sr. No	Name of Industry	Date	Duration	No. of Student
4	G. P. C. Infrastructure Pvt. Ltd	01/06/2019 to 15/06/2019	15	04
5	Harshadkumar G Patel Construction Company,	06/06/2019 to 16/06/2019	11	04
6	J.B. Construction	01/06/2019 to 15/06/2019	15	01
7	P. S. Goti Construction	30/05/2019 to 15/06/2019	17	01
8	Patel Foundation Construction	29/05/2019 to 15/06/2019	18	02
9	R&B Department	10/06/2019 to 15/06/2019	06	01
10	S D Chaudhary Construction Company	07/06/2019 to 16/06/2019	10	02
11	S G Bagwan	06/06/2019 to 16/06/2019	09	01
12	Sai Construction	07/06/2019 to 16/06/2019	10	06
13	Shree Ganesh Corporation	01/06/2019 to 15/06/2019	15	03
14	Tirupati Buildzone Pvt. Ltd.	12/06/2019 to 15/06/2019	04	01
15	Vishnubhai A Oza Construction	07/06/2019 to 16/06/2019	10	03

Faculty/staff training/seminar/conferences attended

Sr. No	Name of Faculty	Training	Name of Institute/Organizer	Duration	
				From	To
1	Prof. Y. J. Chauhan	Offshore Structures under Special loads Including Fire Resistance	NPTEL	28/01/2019	19/04/2019
2	Prof. Y. J. Chauhan	Geosynthetics and Reinforced Soil Structures	NPTEL	28/01/2019	19/04/2019
3	Prof. Y. J. Chauhan	INDUCTION PHASE-2	NITTTR, Bhopal	10/06/2019	21/06/2019

Sr. No	Name of Faculty	Training	Name of Institute/Organizer	Duration	
				From	To
4	Prof. Vijay R. Sharma	Advanced Structural Analysis and Finite Element Methods	MNIT, Jaipur	08/04/2019	12/04/2019
5	Prof. Vijay R. Sharma	ICT in Disaster Management	MNIT, Jaipur	03/06/2019	07/06/2019
6	Prof. G. M. Savaliya	Advanced Technology in Infrastructure Development (CE-16)	NITTTR, Bhopal	21/1/2019	25/1/2019
7	Prof. G. M. Savaliya	Engineering Research (ID-15)	NITTTR, Bhopal	24-06-2019	28-06-2019

Research Publications

International Conference publications:

1. Dr. G. M. Savaliya, "Analysis of Long Span Cable Supported Bridge", International Journal of Management, Technology And Engineering, ISSN NO : 2249-7455, Volume IX, Issue V, MAY/2019 Page No: 1378-1388.
2. Dr. G. M. Savaliya, *Comparative Study on Performance Enhancement of Recycled Aggregate Concrete With Replacement of Silica Sand to Ordinary Sand*, International Journal of Management, Technology And Engineering, ISSN NO : 2249-7455, Volume IX, Issue IV, APRIL/2019, Page No: 4486-4495.
3. Dr. G. M. Savaliya, *Experimental Investigation on Recycled Aggregate Concrete with Replacement of Normal Sand to Silica Sand*, International Journal for Science and Advance Research In Technology - Volume 5 Issue 4 –APRIL 2019 ISSN : 2395-1052.

Department Activities

Industrial Visit

Sr. No.	Name of Industry	Day	Semester
1	Site visit at Mundra Port under project UDAAN	14-03-2019 to 15-03-2019	8 th Sem
2	Site visit at Sardar Sarovar Narmada Dam and Statue of Unity	19-03-2019	6 th Sem

Student Projects

Sr. No.	Project Title	Name of Guide
1	Highway Failure and Its Maintenance	Prof U. R. Singh
2	Storm Water Solution Permeable Pavement	Prof U. R. Singh
3	Analysis & Design of Residential Buildings	DR G. M. Savaliya
4	Analysis & Design of Multistorey Structure Using Software	DR G. M. Savaliya
5	Transportation Planning	Prof Hardik U Patel
6	Transportation Planning	Prof Hardik U Patel
7	Town Planning	Prof S. G. Chauhan
8	Water Infrastructure of Mehsana City	Prof S. G. Chauhan

Sr. No.	Project Title	Name of Guide
9	Society Planning	Prof S. G. Chauhan
10	Design of Sewerage System and Waste Water Treatment Plant - A Case Study on Palanpur City	Prof R K Rathod
11	Assessment of Evaporation Losses A Case - Study on Dharoidam Reservoir	Prof R K Rathod
12	Effect in Compressive Strength on Concrete by Silica as Partial Replacement of Cement	Prof Mayur N Prajapati
13	Replacement of Cement by Using of Fly Ash in Concrete	Prof Mayur N Prajapati

Student Achivements

Sr. No.	Enrollment Number	Name of Student	Name of Event	Place	Date	Outcome
1	160613106003	Ladumor Mahendra Laljibhai	Republic Day Camp, Delhi	Delhi	1 st Jan to 30 th Jan 2019	Participant of 70 th Republic Day parade 2019