

Civil at a Glance

(E-NEWS LETTER)

HALF YEARLY MAGAZINE

JULY- DEC 2020

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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Index

1. Vision and Mission of Institute and Department
2. From the Desk of Head of the Department
3. Faculties of Department
4. Innovative Practice in Teaching-learning/Assessment Process
5. Result Analysis of SUMMER 2020
6. Topper of SUMMER 2020 GTU Exam (Even Semester)
7. Training attended by Student / Staff
8. Research Publications
9. Departmental activities
10. Achievements

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 Dec 2020)

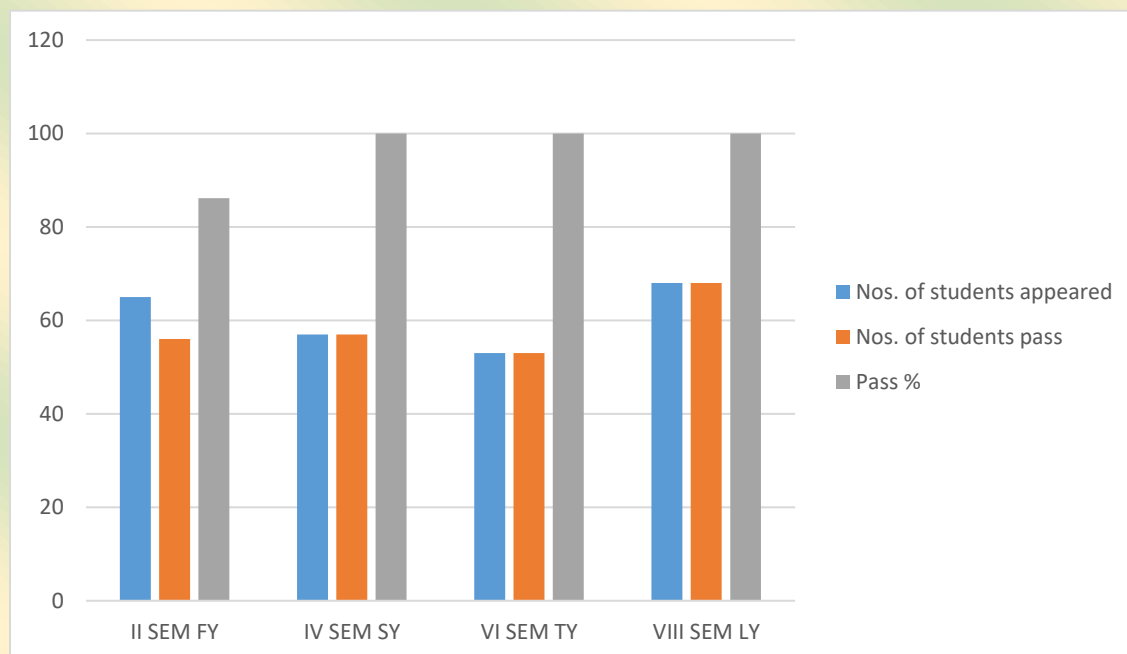
Sr. No.	Name of Faculty	Designation	Area of Specialization	Teaching Experience (Years)
1	Prof. P. C. Vasani	Professor & Head	Structural Engineering	37
2	Prof. (Dr.) V. R. Sharma	Assistant Professor	Structural Engineering	11.5
3	Prof. (Dr.) G. M. Savaliya	Assistant Professor	Structural Engineering	11
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 Microsoft Team during Covid-19 Lockdown	All Current Subjects	All Sem	All Staff
2	Online Exams conducted through online platforms such as Microsoft Team during Covid-19 Lockdown	All Current Subjects	All Sem	All Staff

Result Analysis

Summer - 2020		Nos. of students appeared	Nos. of students passed	Pass %
FY	II Sem	65	56	86.15
SY	IV Sem	57	57	100
TY	VI Sem	53	53	100
LY	VIII Sem	68	68	100



Topper of SUMMER 2020 GTU Exam

2nd Semester

Sr. No	Enrollment No	Name	SPI
1	190610106066	Prajapati Saurav Anilbhai	8.86
2	190610106037	Makwana Shitalkumar Kanaiyalal	8.82
3	190610106076	Sindhi Nazeelkhan Javedkhan	8.82

4th Semester

Sr. No	Enrollment No	Name	SPI
1	180610106023	Kaleshriya Vijaya Vikramsingh	9.22
2	180610106045	Patel Smitkumar Natvarlal	9.00
3	190613106008	Thumar Binal Hareshbhai	8.91

6th Semester

Sr. No	Enrollment No	Name	SPI
1	170610106003	Bharatiya Rajkumar Arjunbhai	9.23
2	170610106007	Chaudhari Nehalben Jesangbhai	9.20
3	170610106018	Desai Dipti Baldevbhai	9.10

8th Semester

Sr. No	Enrollment No	Name	SPI
1	160610106053	Sheth Purvang Ashwinkumar	10
2	160610106021	Kakadiya Divyesh Arvindbhai	10
3	170613106016	Sumra Salmankhan Sikandarbhai	10

Faculty/staff training/seminar/conferences attended

Sr. No	Name of Faculty	Training	Name of Institute/Organizer	Duration	
				From	To
1	Prof. P C Vasani	Comprehensive Online Intellectual Property Rights (Ipr)	i-Hub, Gujarat	6-7-2020	14-9-2020
2	Prof. P C Vasani	E-Content Development Course	UDAYAM, KCG, Gujarat	27-7-2020	8-8-2020
3	Dr. G M Savaliya	Accreditation For Undergraduate Engineering Programmes	Swayam MOOC NITTTR Bhopal	27-1-2020	20-4-2020
4	Dr. G M Savaliya	AICTE Training And Learning (ATAL) Academy Online FDP On "Infrastructure Engineering"	Birla Vishvakarma Mahavidyalaya.	12-10-2020	16-10-2020
5	Dr. G M Savaliya	Linear Regression And Modeling	Duke University	-	-
6	Dr. G M Savaliya	Comprehensive Online Intellectual Property Rights (Ipr)	i-Hub, Gujarat	6-7-2020	14-9-2020
7	Prof. H U Patel	Comprehensive Online Intellectual Property Rights (Ipr)	i-Hub, Gujarat	6-7-2020	14-9-2020
8	Prof. H U Patel	E-Content Development Course	UDAYAM, KCG, Gujarat	27-7-2020	8-8-2020
9	Prof. S G Chauhan	Comprehensive Online Intellectual Property Rights (Ipr)	i-Hub, Gujarat	6-7-2020	14-9-2020
10	Prof. S G Chauhan	Managerial Skills For Academicians And Administrators	NITTTR Bhopal	5-10-2020	16-10-2020
11	Prof. Y. J. Chauhan	Comprehensive Online Intellectual Property Rights (Ipr)	i-Hub, Gujarat	6-7-2020	14-9-2020
12	Prof. Y. J. Chauhan	Strength Of Materials	Swayam MOOC IIT Kharagpur	14-9-2020	4-12-2020
13	Prof. Y. J. Chauhan	Matrix Method Of Structural Analysis	Swayam MOOC IIT Kharagpur	14-9-2020	6-12-2020
14	Prof. Y. J. Chauhan	Earthquake Resistant Design Of Foundations	Swayam MOOC IIT Roorkee	14-9-2020	6-12-2020

Sr. No	Name of Faculty	Training	Name of Institute/Organizer	Duration	
				From	To
15	Prof. Y. J. Chauhan	Dynamics Of Ocean Structures	Swayam MOOC IIT Madras	14-9-2020	4-12-2020
16	Prof. Y. J. Chauhan	Computer Methods Of Structural Analysis Of Offshore Structures	Swayam MOOC IIT Madras	14-9-2020	4-12-2020
17	Prof. N R kotiya	Comprehensive Online Intellectual Property Rights (Ipr)	i-Hub, Gujarat	6-7-2020	14-9-2020
16	Prof. N R kotiya	Accreditation For Undergraduate Engineering Programmes	Swayam MOOC NITTTR Bhopal	27-1-2020	20-4-2020
17	Prof. N R kotiya	E-Content Development Course	UDAYAM, KCG, Gujarat	27-7-2020	8-8-2020

Research Publications

International Journal / Conference publications:

1. Vijay Sharma, M.K. Shrimali, S.D. Bharti and T. K. Datta (2020), “**Evaluation of responses of semi-rigid frames at target displacements predicted by the nonlinear static analysis**” *Steel and Composite Structures, An International Journal* 36(4), pp. 399-415 Techno-Press, Korea. ISSN: 1229-9367 (Print), 1598-6233 (Online) SCI Indexed I.F. 4.394 (2019) <https://doi.org/10.12989/scs.2020.36.4.399>
2. G M Savaliya and A K Desai, “**Analysis of a long span cable-stayed suspension hybrid bridge considering variable intermediate side span supports**”, *IOP Conference Series: Materials Science and Engineering*, Volume 1070, International Conference on Recent Innovations in Engineering and Technology (ICRIET 2020) 4TH-5TH December 2020, Tamil Nadu, India. <https://doi:10.1088/1757-899X/1070/1/012039>

Department Activities

Expert Lecture

Sr. No.	Name of Industry	Day	Semester
1	Develop Entrepreneurial Mindset and Accelerating Innovation - Mr. Nirav Patel, Project Coordinator, SSIP Cell	22-10-2020	V & VII Total 98 Students attended the Webinar
2	Expert talk on Career in Engineering Engineering and Job Opportunity	17-12-2020	Total 156 students from all departments participated
3	Finishing School Program Set-1	15-12-2020 to 24-12-2020	VII Total 196 students from all departments participated