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**CIVIL ENGINEERING DEPARTMENT**  
**VISHWAKARMA GOVERNMENT ENGINEERING COLLEGE**  
**CHANDKHEDA, AHMEDABAD - 382424**

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**Dr. P. P. Lodha**  
(HOD CIVIL)

I am happy to write a message for the first issue of our civil engineering 'newsletter'.

This news letter also introduces you to our new logo for the civil engineering department.

The core team has planned to give you latest information of civil engineering department at the end of every semester i.e. we will have two issues annually, one each for winter and summer semesters.

The newsletter will provide you vital information on three basic pillars of the civil engineering department i.e. information on faculty, students and departmental activities.

The newsletter also aims to equip you with the latest information on new technologists in the field of civil engineering which has not been covered in university syllabus.

Best wishes,

Dr. Pradeep Lodha  
HOD  
(Civil Engineering Department)

**VISION :** To provide a dynamic learning environment in the field of civil engineering with global perspectives to make them technically competent for innovation and entrepreneurship.

**MISSION :**

1. To develop well equipped laboratories and infrastructure for conducive learning.
2. To promote real time education, research culture and consultancy work for industrial and societal needs.
3. To enhance professional engineering and entrepreneurship skills.
4. Inculcate the value system in students for providing socially responsible and eco friendly solutions in the field of construction industry and infrastructures.

## LIST OF FACULTY MEMBERS

Sr. no.	Name	Designation	Highest Qualification
1.	Mr. P.P.Lodha	HOD, Associate Professor, Civil Department	Ph.D
2.	Mr. R.G. Motwani	Associate Professor	M.Tech (Transportation)
3.	Mr. S.A. TRIVEDI	Associate Professor	M.E (Irrigation and Water Management)
4.	Mr. K.L. TIMANI	HOD, Associate Professor, Applied Mechanics Department	M.E.(GeoTechnical Engineering)
5.	Ms. M. M. CHAUHAN	Assistant Professor	M.E.(Structural Engineering)
6.	Ms. Y.J.PATEL	Assistant Professor	M.E.(Structural Engineering)
7.	Mr. A.B. PATEL	Assistant Professor	M.E. ( Structural Engineering)
8.	Mr. B. C. CONTRACTER	Assistant Professor	M.E. (Hydraulic Structure)
9.	Mr. M.V. CHAUHAN	Assistant Professor	M.E. (CASAD)
10.	Mr. B.G. BUDDHDEV	Assistant Professor	M.E.(Soil Mechanics and Foundation Engineering)
11.	Ms. D.R. RAWAT	Assistant Professor	M.E. (Environmental Engineering)
12.	Ms. S.C. PARMAR	Assistant Professor	M.E.( Water Resources Engineering)
13.	Mr. S.M. GOLWALA	Assistant Professor	M.E (Transportation)
14.	Mr. A.I. SHAIKH	Assistant Professor	M.E (Water Resources Management)
15.	Ms.A.H MAHESHWARI	Assistant Professor	M.E (Water Resources Management)

## ACTIVITIES AND EVENTS



**KOTARPUR WATER TREATMENT PLANT**

A technical visit to Kotarpur Water Treatment Plant was arranged on 6/3/2018 for 6th semester students (45 students) of Civil Engineering department under the guidance of Prof. B.C. Contractor and Prof. D.R. Ramdas. Kotarpur Water Treatment Plant is Asia's largest water treatment plant with main 3 units, in which this visit was arranged only for unit 1, Narmada main canal-HR (Gravity -1) having capacity of 650 MLD. The students were given a brief description about the entire plant and were shown a lot of waste water treatment units.



**SARDAR SAROVAR DAM VISIT 2018**

A one day technical visit to Sardar Sarovar Dam was organized on 9/3/2018 for 8th semester (40 students) students of Civil Department under the guidance of Prof. S.A. Trivedi and Prof. M.V. Chauhan. The technical visit was planned to understand the multipurpose river valley project, its components and important features and current status of ongoing activities on the site. The technical visit will go a long way in improving the learning outcomes of the burgeoning civil engineering graduates of VGEC.



**AUTOCAD SOFTWARE WORKSHOP**

One day workshop on Auto-CAD software was organized by VGEC Alumni Association for 4th semester Civil Engineering students on 11th April 2018. The trainer was Shri Soni Darshil Jigneshkumar, an Alumni who completed his degree in Civil Engineering in 2016. He is working as a contractor. AutoCAD is a Computer Aided Drafting and Designing Tool which helps Mechanical / Civil Engineers to create and modify engineering drawings. It helps them to create plans, elevations and sectional views.



**GEOSYNTHETICS IN INFRASTRUCTURE**

A roundtable was organized by Department of Civil Engineering, Vishwakarma Government Engineering College on "Applications of Geosynthetics in Infrastructure" dated on 05/05/2018. The conference was attended by Dr. Rajul Gajjar Principal VGEC, Shri S.B. Vasava, Secretary, R&B department, Dr. Amit Prasant, Professor, IIT Gandhinagar, Shri S.I. Patel, former secretary R&B department, Shri C.R. Prayag, Shri Ravi Shankar, consultant. Over 28 participants took attended programmed from various industries and manufactures.



# DEPARTMENTAL ACHIEVEMENTS



Ankit Patel, Gautam Kavar, Krunal Prajapati, Shubham Bhaskar, Hitesh Chaudhary, and Team won the college level volleyball championship organized under Vishwacup '18. It was a very proud moment for entire Civil Department.



Kalpiti Patel (Civil 3rd Year) won the Best Star Performer of the Year in the Invincible NGO Award Ceremony. He is a prominent member of Invincible NGO. It was a moment of honour for him as well as the whole department.

- Chaudhary Aniket Aman won Gold Medal in Shri Paresh Talati GICEA held at Gujarat Institute of Civil Engineer and Architects.
- Rohit Prajapati and Team became winner in Game of Gravity event held during the GTU Central Techfest '18.
- Kishan Patel, Dhruvil Chaudhary and team won the 1, 2, 3 Sold... event held during the GTU Central Techfest '18.
- Digant Patel and Mrudul Patel published an International Research paper in Technical Organization of India.

## FACULTY ACHIEVEMENTS

Sr. no.	Name of Faculty	Publication	Title of Publication	Name of Book/Conference/Journal	Type of Publication National/International	ISSN/ISBN
1	Prof. B.C. Contractor	Journal	A study of on-site material management handling practices & rating of the different construction sites in Ahmedabad city.	International Journal of Engineering Science Invention(IJESI)	International	ISSN (Online): 23196734, ISS(Print): 23196726
2	Prof. B.G. Buddhdev	Journal	Paper published on "Futuristic studies on GSRTC Bus stand in Ahmedabad city"	International Journal of Scientific Research and Development	International	ISSN:2321-0613 (Online),Vol 6, Issue 2,2018
3	Prof. M.V. Chauhan	Journal	Paper published on "Effect of different types of aggregate on the mechanical properties of pervious concrete"	International Journal of Science and advance research in Technology	International	ISSN:2395-1052(Online), Vol 4, Issue 4, April,2018
4	Prof. Y.J. Patel	Journal	Paper published on "Utilisation of Foundary Sand and Granite Slurry as a Sand Replacement in Geopolymer concrete"	International Journal of Emerging Technology and Advanced Engineering	International	ISSN: 2250-2459, Vol-8, Issue 4, April-2018
5	Prof. Y.J. Patel	Journal	Research Paper published on "Modification of properties of Geo-Polymer Concrete at Ambient Temperature using RHA".	International Journal of Recent Trends in Engineering and Research	International	ISSN: 2255 Vol-4, Issue 1,Jan-2018

## GLIMPSES



**Core Team Members:** Ms. Shilpa Parmar (Faculty),  
Shubham Bhaskar( 2<sup>nd</sup> SEM,Civil Student)  
Gaurav Barai (1<sup>st</sup> SEM,IT Student)