

# CIVIL MANIA

30 June 19 to 2 Nov 19

Government College of Engineering, Vidyanagar,  
Karad, Dist. Satara, Maharashtra (India) 415124  
<http://gcekarad.ac.in>  
+91-2164- 272414, 8275706613

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## From The Desk of HOD:

By Dr. S V Valunjkar



Department of Civil Engineering, with the support of all the stakeholders is flourishing. With equipped laboratories, team of well qualified faculties, department is trying to take its students beyond the horizon of theory. With research attitude in mind we are trying to develop our department towards problem solver than merely a class teaching. We welcomes everybody's involvement and suggestions for the development of the department.

We are assured that in coming days, our student will flourish and also will be the name of the department and institute

Thank You!

### DEPARTMENT OF CIVIL ENGINEERING – MISSION

1. Imparting quality education in Civil Engineering.
2. Encourage creativity, critical thinking and discipline among students
3. Develop sensitivity towards society and environment.

### DEPARTMENT OF CIVIL ENGINEERING - VISION

To educate civil engineers having value based excellence with innovative approach towards research that will help to face global challenges of this profession.

### Guest Lecture on “Artificial Intelligence and its application in Civil Engineering”

An expert lecture was arranged on the topic of “artificial intelligence and its application in civil engineering” on 3<sup>rd</sup> August 2019 by Civil Engineering Students Association (CESA) with the financial assistance by TEQIP III. The lecture was delivered by an eminent speaker Dr. Sayali Sandbhor, Associate Professor in Symbiosis Institute of Technology Pune.



### AWAY- Model Making Competition

AWAY competition on model making and presentation is arranged on 19 September 2019 by Civil Engineering Students Association (CESA) with the financial assistance by TEQIP III. The whole program is arranged by faculty co-ordinator, Prof K. B. Patil. AWAY Competition and its inspection by dignitaries of institute under CESA. Total 24 Students participated in the competition.



### Drawing Competition

Under ISTE chapter, a Drawing Competition is arranged on 13<sup>th</sup> October 2019. Program co-ordination is done by Prof R P Ambike. Total 30 students participated in the competition. Winner of the competition are as follows



### The Dias Club

If you want to express yourself with your innovative ideas and view efficiently and elegantly then “The Dias” is the club for you! Dias focuses on developing interpersonal and public speaking skill among the students. The organizing committee of dais strives to bring out the best from students by arranging sessions based on group discussion, debates, extempore and much more! The club has organized dais talk to set an example of public speaking. The club organizes and yearly inter college competition too. The very international event of college, TEDX GCEK was organized

by the same club. The club yet looks forward to arrange more and more events to beat the previous year’s benchmark!



### Blood Donation Camp

The NSS unit of Government College of Engineering, Karad, organized a blood donation camp, on 26th January 2019. The camp began at 10.00 a.m. with a short inaugural function where in Dr. A. T. Pise was given a floral welcome. Dr. A. T. Pise expressed his gratitude to the NSS unit of the college for its continuous endeavor in this regard. He also stressed on the growing need of blood in the state and commended the young volunteers for their noble act. 117 volunteers came forward to donate blood during the camp which included teaching & non-teaching staff, students & non-student

donors. At the end 79 units of Blood was collected.



### Field Visit

1) Dr. Salim Ali bird sanctuary, Goa and CSIR-National institute of oceanography, Dona Paula, Goa



2) Sewage Treatment Plant, Nashik



### Remarkable Student Projects:

Characteristic Study and Design of Sewage Treatment Plant for College Campus.

Guide- Prof. Rashmi Ambike

### Faculty Publications –

**Prof. A. B. Landage**

**Research Paper-** Groundwater Contaminant Transport FDM Modelling for Non-linear Freundlich and Langmuir Sorption with an Instantaneous Spill

**Journal** – International Journal of Engineering Resear

### Other Achievements

- Prof V M Bogar joined Walchand College of Engineering, Sangali for Ph. D under QIP in the month of July.

### Major Consultancy Clients

| Sr No | Work  | Cost (Rs) |
|-------|---|-----------|
| 1     | Construction of roof shed for farmer at Chatrapati Shivaji Maharaj Market for Tasgaon Municipal Council | 13,50,107 |
| 2     | Construction of paving block road in Bhavani Galli at Khanapur nagar Panchayat                          | 17,68,432 |
| 3     | Construction of internal area hotmix road at Salshinge road ITI parisar in Vita Municipal area          | 25,03,827 |

### Laboratory Facilities available

Loading Frame that is widely used to test structural elements like columns, beams, portal frames and other structures. The frame is fabricated from standard rolled sections for assured strength. The skeleton of basic frame is designed as self straining where no load is transferred to the ground except self weight of the frame. The frame is designed for vertical load of up to the standard range and horizontal load of up to a fifth of the vertical load sale load. Vertical load is generally used for testing of major structural elements like beams and columns. The horizontal load is used for

stimulating wind load on portal frames, tissues etc.



### Advancement around the nation-

#### Banihal-Qazigund Tunnel

The Banihal Rail Tunnel is new 11.215 km long Banihal-Qazigund tunnel link connecting Bichleri Valley of Banihal with Qazigund area of Kashmir Valley. Pir Panjal Railway Tunnel is India's longest and Asia's third longest railway tunnel build as part of the Kashmir Railway.



#### Editorial Board

Faculty coordinator- Prof A A Bhondwe

Student coordinator-

- 1) Mr. Suraj Shinde.
- 2) Mr. Koul Tarun.