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## DEPARTMENT OF CIVIL ENGINEERING

# Newsletter

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### Editorial Committee

Prof. Pooja D. Somani (HOD)

Prof. Rachel Gitty

Ms. Arya Jadhav



## From the Desk of HOD



It gives me great pleasure to welcome you to the latest edition of our Civil Engineering Department newsletter. As we continue to advance on our academic journey, I am reminded of the pivotal role civil engineers play in shaping the world we live in. From pioneering sustainable infrastructure solutions to conducting groundbreaking research in water resource management, our students and faculty are at the forefront of innovation and development.

This semester has been marked by several exciting initiatives. We began with the ATAL Faculty Development Program, designed to update our faculty on the latest trends in climate change. Additionally, we successfully hosted **Constrospark**, one of our most significant and vibrant events, which engaged a majority of our students in a range of technical activities. Expert talks and seminars were also organized, enriching

students with valuable insights and knowledge beyond the classroom.

I extend my heartfelt congratulations to our students and faculty for their dedication to pushing the boundaries of research and project work. As we move forward, I encourage everyone to remain focused on excellence, innovation, and collaboration—values that define the success of our department.

### Vision

“To achieve excellence in Civil Engineering and Technology by providing quality education through research”.

### Mission

M1. To create technically competent Civil Engineers to fulfill society and industry needs by providing theoretical and practical knowledge through teaching learning.

M2. To provide platform for the students to participate in research innovation and entrepreneurship.

M3. To encourage participation of students in co-curricular and extra-curricular activities to enhance their communication, teamwork and leadership skills

### Program Educational Objectives

To embed a strong foundation of Civil Engineering fundamentals to identify, solve, analyze and design real-time engineering problem as a professional or an

entrepreneur for the benefit of the society.

To motivate and prepare students for lifelong learning and research to manifest global competitiveness.

To equip students with communication teamwork, and leadership skills to accept challenges in all facets of life ethically.

### **Program Outcomes**

At the end of the program a student will be able:

- Apply knowledge of mathematics, science and engineering fundamentals to solve complex civil engineering problems.
- Identify, formulate and analyze civil engineering problems and derive conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- Investigate complex civil engineering problems and find appropriate solution leading to valid conclusions.
- Design a civil engineering system, component or process to meet specified needs with appropriate attention to health, safety, standards, environmental and societal considerations.
- Create, select and apply appropriate techniques, resources and advanced engineering and software tools necessary to analyze and design civil engineering problems.
- Understand the impact of Civil engineering solutions on society and

Environment for sustainable development.

- Understand societal, health, safety, cultural and legal issues and responsibilities relevant to Engineering profession.
  - Apply professional ethics, accountability and equity in engineering profession.
  - Work effectively as a member and leader in multidisciplinary teams for a common goal.
  - Communicate effectively within a profession and society at large.
  - Appropriately incorporate principles of management and finance to one's own work.
- Identify educational needs and engage in lifelong learning in a changing world of technology.

### **Program Specific Outcomes**

- Identify, understand, formulate and analyze complex engineering problems in Civil Engineering such as Structural, Environmental and Water Resources Engineering.
- Plan Design and Execute efficient safe, sustainable and cost-effective high-rise structures, bridges, expressways, offshore structures and Dams using modern construction tools and techniques ethically

### **Faculty Development Program**

Department has successfully conducted (ATAL) Academy Faculty Development Program on Management of Natural Resources in view of Climate Change from 01/01/2024 to 06/01/2024





3. Seminar on waterproofing of structures and durability of concrete on 25-01-2024  
Expert: Mr. Sunny Surlaker  
Head, Technical Services & R&D Division  
Assess Build Chem Pvt Ltd



#### 4. Pre-placement training:

Department has organised a pre placement training program RMD KWIKFORM for students on 15-02-2024. Sessions were handled by By Prof. Shahbhaz Khan, Prof. Chaitali Isal, Prof. Ashwini Bodkhe and Prof. Niranjana Patil.



#### 5. Seminar

An Innovative Approach towards Net Zero Building is organized by IGBC Student chapter on 14-03-2024 at Godrej Vikhroli Campus. Mr. Bhavesh Mehta (Reliance Industries Ltd) 10 students and 2 faculty members attended from our department.



#### 6. Seminar

Conducted an expert talk on case studies on 'Rain Water Harvesting and Leak Detection technology' for second-and third year students by Mr. Neerav Saraiya RWH

Expert & Mr. Sunil Vadiya, Executive Engg BMC (retierd) on 22-03-2024 for Students on 15-03-2024 at SCOE campus.

### Technothon -2024

A State Level Project competition is organized by Institution of Engineers for Degree (18) & Diploma 10 groups (diploma) participated. Distributed prize money of Rs. 5000/- for first, Rs.2000/- for second place and Rs. 1000/- for third place



### ConstructoSpark -2024

Diverse range of activities were arranged to test students' creativity, technical skills and problem solving skills. BridgeiT, Egg drop challenge, Bridge design challenge, Reel making competition. Treasure hunt, and short film making competition were few among them.

### 10. AutoCAD Course

A training program on 'AutoCAD' was designed and executed by Prof. Shahbaz Khan for the students from 30/01/2024 to 22/04/2024. Total 25 students got benefitted from the training program.



### Site visits:

#### Subject: EE -SEM VI

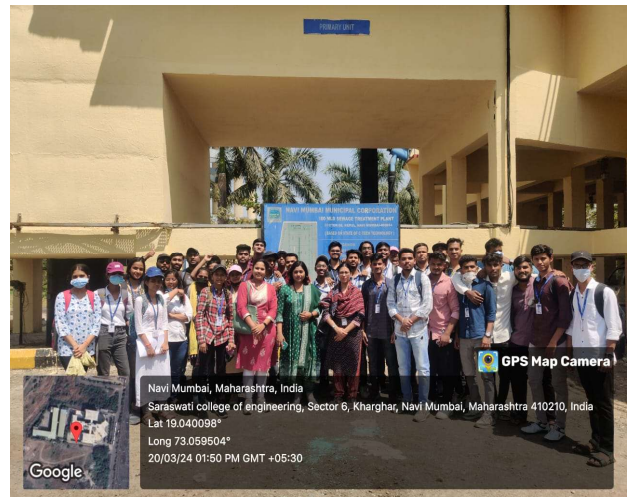
Location: Sewage treatment plant, Seawoods, Navi Mumbai.

Date- 20<sup>th</sup> March 2023.

TE Division: A & B

Number of students: 85

Outcome: Students were able to understand various treatment units of STP and its working process



### 2. Subject: BMCT- SEM IV

Location: K.D. Patil RMC Plant, Ghot, Taloja, MIDC.

Date- 22/ 03/ 2024 March 2023.

Number of students: 60

Outcome: Students got a to the technical



exposure of RMC plant and other engineering aspects



### Survey Camp:

Subject: SUR -SEM IV

Location: College premises

Date- 21<sup>st</sup>, 22<sup>nd</sup>, 28 and 27<sup>th</sup> March 2023.

Number of students: 88

Outcome: Students were able to perform profile levelling, radial and block contouring.



### 2. Subject: DDSS - SEM VI

Location: Kharghar skywalk (1.7 km).

Date- 26 & 27 March 2023.

Objective: To understand the types of steel structure and connections, supports, joints, framing, bracing used in it.

Number of students: 60



### **Field visit to technology transfer centre.**

Location: Global lab, TTC Industrial Area, Turbe.

Date- 27<sup>th</sup> and 28<sup>th</sup> March 2023.

Number of students: 52

Number of faculties: 13

Outcome: Students and faculties got experience and knowledge of the research and development activities of the lab

### **Project orientation**

Project orientation program is organized for BE (for the major projects) & TE for the mini projects at Department level.

The objective is to help them for identification of project topics based on the trends in industry.



### **Parent teachers meeting**

Parents and teachers' interactions for TE and BE were held on 11/9/2023, 9 am onwards. HOD, Students, parents and Class advisors were present on the occasion. Parent's suggestions were forwarded for consideration.



### **Avishkar**

A project competition at college level 'SCOPE AVISHKAR 2024' was conducted on 5<sup>th</sup> April 2024. The project titled 'Landslide analysis of Panvel Taluka and its Mitigation' guided by Prof. Shanthi P. Selvam has won the first prize.

Group members are  
Chaitanya Sonawane  
Rohan Santosh Dandekar  
Bhavesh Dhoke  
Saniket Kale



### **Farewell**

Date 8/05/2024

On behalf of Civil Engineering Department, CESA organized a farewell for the final



year students on April 20<sup>th</sup> 2023. The farewell event was a memorable occasion. filled with mixed emotions of joy and sadness. The event not only celebrated the students' achievements but also strengthened the bond between the students and the faculty leaving a lasting impression on everyone present. Best outgoing student prize awarded to Mr. Harshal Patil for the overall performance



### Semester Toppers

First three positions of university exams conducted in Nov-Dec 2023-24 for SE, TE, & BE are given below. Congratulations on your achievements and wishing you greater success.

**Placement :** Various placement drives (on and off the campus) were arranged by Civil Engg. Dept. in association with training & placement cell, SCOE. Summary of students selected, name of the company, designation and the packages offered to them are given in Table below.

Class	Students Name	SGPI
SE	Aditya Sanjay Patil	7.87
	Payal Manohar Shelke	7.78
	Nihal Ravindra Pande	7.74
TE	Md. Qurban Ali	8.38
	Neeraj Kallappa Boggul	8.25
	Akshay Sangappa Biradar	8.08
BE	Rohit Mahendea Mhaske	8.70
	Nayan Rajesh Bhanushali	8.50
	Harshal Vithal Patil	8.35

### Convocation

Convocation ceremony was organized on 20th April for 2024 for 2023 pass out students. Total 184 civil engineering graduates were present to receive the degree certificates.



Name Of Student	Name Of Company	Designation	Package
Nikita Karnekar	Prism RMC	GET	4
Suyash Kedare	Prism RMC	GET	4
Manali Shelar	Prism RMC	GET	4
Asmita More	Prism RMC	GET	4
Sanika Patil	Prism RMC	GET	4
Ganesh Gaikwad	Gsource technologies pvt ltd	GET	1.92
Pranav Pawar	Gsource technologies pvt ltd	GET	1.92
Harshal Patil	Gsource technologies pvt ltd	GET	1.92
Ayush Mokal	Gsource	GET	1.92



	technologies pvt ltd		
Ayush Gupta	RMD kwikform India pvt ltd (not joined)	Civil Designer trainee	3.6
Ayush Padlekar	RMD kwikform India pvt ltd	Civil Designer trainee	3.6
Somesh Bane	RMD kwikform India pvt ltd	Civil Designer trainee	3.6
Roshan Gupta	Propedge valuation pvt ltd	Field Executive	2.01
Yash Gaikwad	Propedge valuation pvt ltd	Field Executive	2.01
Akshay Kadam	Propedge valuation pvt ltd	Field Executive	2.01
Neha Dhokle	Propedge Valuation pvt ltd	Report Maker	2.01
Ayush Gupta	MC Bauchemie (India) pvt ltd	management Trainee	4
Sanchit Umbarkar	McLarens Insurance surveyors India pvt ltd	Executive	2.52
Nirajsing Chauhan	Creative proptech pvt ltd	Site Engineer	2.36
Patil Saurabh	Creative proptech pvt ltd	Site Engineer	2.36
Shingare Sahil	Creative proptech pvt ltd	Site Engineer	2.36
Anurag Malge	Creative proptech pvt ltd	Site Engineer	2.36
Saniket Kale	Creative proptech pvt ltd	Site Engineer	2.36
Shristi Sakpal	Finulent solution pvt Ltd	Design Trainee	2.19
Nayan Bhanushali	Marathon Group	GET	3.12
Nihal Chavan	SSA Sandeep Shikre & Associates	Trainee Engineer	2.7
Ganesh Gaikwad	SSA Sandeep Shikre & Associates	Trainee Engineer	2.7
Tanvi Pawar	Amiand Consulting pvt ltd	Project Engineer	2
Shreyash Katkar	Marathon Group	GET	3.12

Yash Goshte	Pan Gulf Technology Pvt Ltd	GET	3
Omkar Patil	Pan Gulf Technology Pvt Ltd	GET	3

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