

---

## DEPARTMENT OF CIVIL ENGINEERING

# Newsletter

*Vol 26(July to Dec 2021)*

---

### CONTENT

<b>DEPT. VISION MISSION</b>	<i>(pg-2)</i>
<b>PEO &amp; PO</b>	<i>(pg-3)</i>
<b>IMPORTANT EVENTS IN DEPT</b>	<i>(pg 3)</i>
<b>DEPARTMENT ACTIVITIES</b>	<i>(pg 3)</i>



### ***EDITOR***

**PROF. ROSHNI JOHN (HOD)**  
**PROF. SUJAYA WADEKAR**

## From the Desk of HOD



We proudly present Newsletter for odd semester of academic year 2020-2021. The prime motive of the newsletter is to

highlight the achievements of students and faculty in academics and extracurricular activities. Department took initiative for arranging site visits to STP and WTPs. All our Third Year students underwent one month summer internship programme in reputed organisations. Final Year students were encouraged and guided for different competitive examinations. We are actively involved in knowledge enhancement of students through project based learning and organising technical events.

### Vision

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

### Mission

“To create technically competent Civil Engineering graduates with highest ethics”.

### Program Educational Objectives

- To embed a strong foundation of Civil Engineering fundamentals to identify, solve, analyze and design

real time engineering problems as a professional or an entrepreneur for the benefit of 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 with in 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.

## Department Events

**From July - Dec 2021**

**Name of event-** Software training program on BIM REVIT ESSENTIAL

**Date-** 1<sup>st</sup> July 2021 to 5<sup>th</sup> July 2021.

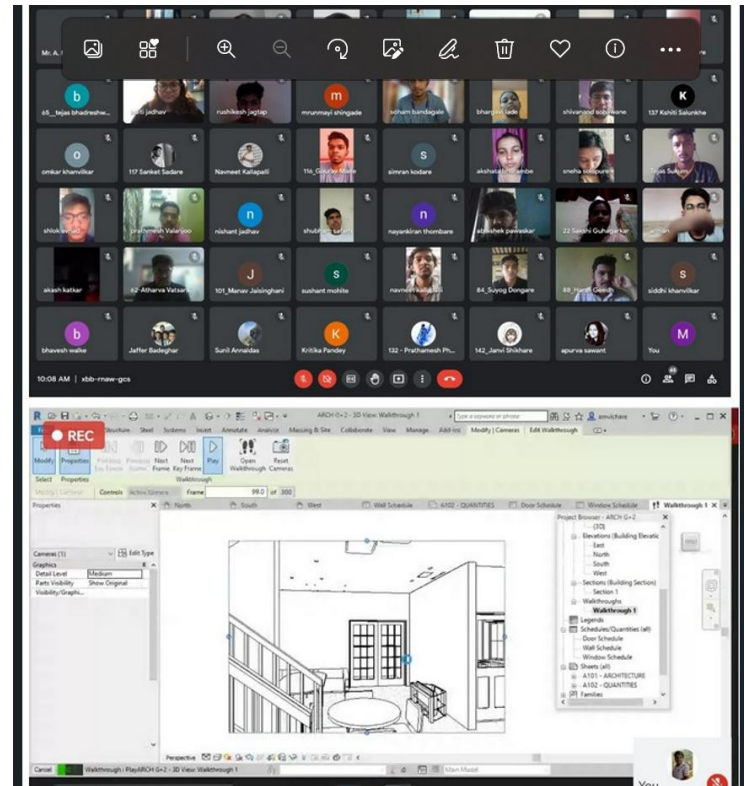
**Location-** Zoom application

**Organized by-** Civil Engineering Department

From 1<sup>st</sup> July to 5<sup>th</sup> July Department of Civil Engineering conducted online software training program on BIM REVIT ESSENTIAL for the students of civil engineering department for Shift I and II both. The training was conducted for 5 days and 40 number of students participated and got benefitted from the same.

At the end of this training program students learned about different uses of REVIT software and basics about it, studied

different tool bars and templates, were able to draw grid lines and Levels, they could import AutoCAD file into REVIT. Some of the other things that they learned from this training were, adding and modification of structural floor plans, and also creating and modifying the plan from architectural point of view.



**From 10<sup>th</sup> August 2021 to 14<sup>th</sup> August 2021**

**Name of event-** Inter Collegiate ECO-LUTIONS competition.

**Date-** 10<sup>th</sup> August 2021 to 18<sup>th</sup> August 2021.

**Location-** Saraswati College of Engineering

**Organized by-** CESA (Civil Engineering Students Association and IWWA (Indian Water Works Association)

The students of Youth Forum and Students Chapter for Water of Indian

Water Works Association (IWWA) and Civil Engineering Students Association (CESA) organized 'ECO-LUTIONS COMPETITION' in the Ganpati festival period from 10<sup>th</sup> August 2021 to 18<sup>th</sup> August 2021, an intercollegiate competition and has proved to be an amazing opportunity for all the competitors and audience to attain immense knowledge and experience.

This event got organized under the guidance of Mr. Vijay Charhate who is the director of IWWA youth forum and Prof. Pooja Somani who is IWWA Coordinator. This event was organized purely for the environment. In this event eco-friendly material was being used. The participants had sent three pictures of the activity along with its description in the google form. The activity was also judged by, Prof. Harshal Deshpande, Prof. Asmita Lakhote and Prof. Dr. Soumya Singh along with the organizers.

Sahel Mahdi from S.K. Somaiya, Abhishek Jadhav from D.Y. Patil and Shruti Bhende from Saraswati College bagged the first, second and third prize respectively. The winners were awarded with certificate of appreciation and the participants were awarded with the e-certificate of participation.

This event gave all the competitors a lot of confidence, and experience needed for their near bright future.

**Name of event-** Webinar on Entrepreneurship Awareness Session.

**Date-** 30<sup>th</sup> Aug 2021 and 6<sup>th</sup> Sept 2021.

**Location-** Online via zoom platform

**Organized by-** EN cell of Civil Engineering Department.

The EN cell of Civil Engineering department organized an online webinar

on zoom platform specially for third year students of both the A and B divisions on 30<sup>th</sup> of Aug 2021 and 6<sup>th</sup> of Sept 2021 respectively in-order to make them aware about the Entrepreneurship cell and all the activities related to that cell. The speaker was Mr. Paramjeet Thakur who very well explained the importance and the nature of work carried out by this cell for the development and guidance of young Engineers who plan to start up their own business. Students very well interacted with him and got benefitted from this session. Two faculties from Civil department also attended this webinar along with the students.

**Name of event-** Webinar on Disaster Management and Monsoon preparedness.

**Date-** 8<sup>th</sup> Sept 2021.

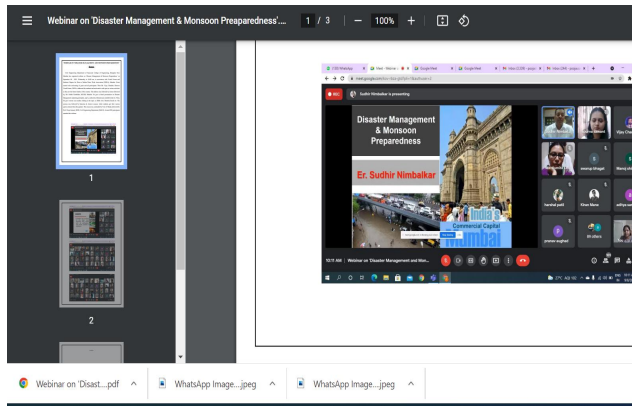
**Location-** Online via Google meet and You tube.

**Organized by-** IWWA and CESA

On 8<sup>th</sup> of Sept 2021 IWWA and Youth forum student chapter and IWWA center, Mumbai organized a webinar on the topic, "Disaster Management and Monsoon Preparedness. Mr. Vijay Charhate sir, director of IWWA youth forum and Mr. Sudhir Nimbalkar sir, special guest speaker gave detailed presentation on disaster and need of disaster management and covered various topics like, Principles of Disaster management, Mumbai floods on 26<sup>th</sup> and 27<sup>th</sup> July 2005, Responsibilities of MCGM and its works related to Disaster Management, Annual chart of Rainfall per year, Tide and Rainfall per year in Mumbai, Recommendations for Disaster Management, Rivers in Mumbai and Mithi river project, etc.



Total 200 participants including the dignitaries have attended this program.



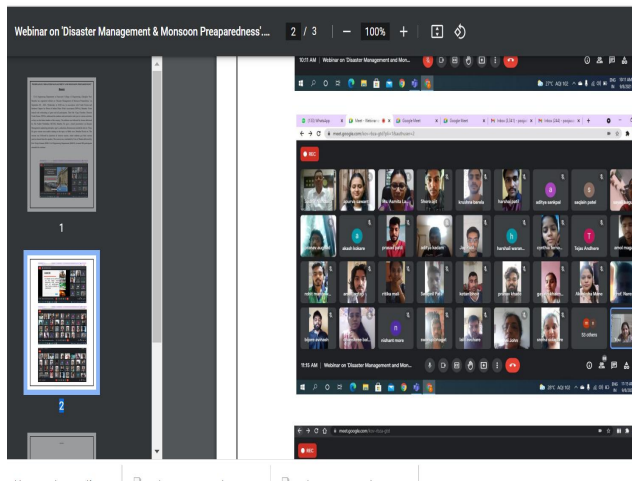
**Name of event-** Expert talk on career opportunities in offshore and onshore Oil and Gas Industry

**Date-** 4<sup>th</sup> Oct 2021.

**Location-** Online via Microsoft application

**Organized by-** Civil Engineering Department.

On 4<sup>th</sup> Oct 2021 department of Civil engineering conducted an online expert talk in Offshore and Onshore Oil and Gas industry for the students of second and third year via Microsoft teams by Mr.Girish Rakhonde and Mr.Bhagirath Patel.This event intended students to get an idea of different career opportunities in Oil and Gas industry.



**Name of event-** Webinar on career opportunities in civil engineering.

**Date-** 20<sup>th</sup> and 22<sup>nd</sup> Sept 2021.

**Location-** Online via Zoom.

**Organized by-** Civil Engineering Department.

Department of civil engineering organized one online webinar via zoom platform for the final year A and B division students on 22<sup>nd</sup> and 20<sup>th</sup> of sept 2021 respectively in order to make the final year students aware about the various career opportunities in Civil Engineering industry.

