



# THE CIVILIAN

Year 2021



We are happy to share our working experience with you during this Hybrid Teaching and Learning phase of Covid-19.

## VISION

Imparting quality technical education in Civil engineering for the Infrastructural Development and meeting the needs of society

## MISSION

- To develop civil engineers having knowledge, attitude, skills and who can effectively serve the needs of society
- To mold the Civil Engineering Graduates to become global leaders who will lead the eco friendly construction for sustainable development
- To inculcate the work culture and ethics among the civil engineering graduates for planning, designing and executions of construction project with quality and economy.
- To provide testing and consultancy services in Civil Engineering for quality control and infrastructure development of the region.

# SUSTAINABLE STRUCTURES CLUB

## FOCUSING AREAS

01. Smart Cities
02. Forensic Civil Engineering
03. Water Management
04. innovative Structural Modelling
05. Building Information Modelling



## Innovation Centre

Sustainable Structures is the lab of Civil Engineering Department under Innovation Centre. This idea is going to give the new perspective to research in a department. Well equipped lab is planned and designed for this. Frequent visits to the lab are given by HoD and other professors to ensure the construction as per the requirement.



## Activities planned

Sustainable Structures is the theme on which the Civil Engineering Department is working. Five trending areas are selected for the research. Students are allowed to work on any of their interested topic. The resources will be provided by the innovation center.

# PROJECT WORK

## CITILINC

01. Government Project
02. Transportation planning
03. Field Experience
04. Real life project
05. Societal Issue

## Project work

Under the guidance of Prof. Vilas Patil and Prof. Snehal Chaudhari, our 12 students are working on this project which is in collaboration with the Nashik Municipal Corporation.

Public transport is one of the ways to deal with the environmental and transportation issues in a city.

Students are involved in giving the solutions to the issues related to the facility provided. Department is getting involved in providing the solutions related to Civil Engineering at City level.

Students are getting the exposure to work at city level planning.



Citilinc officials have provided such I-cards to our students so that students will get easy access to different buses en-routed in City. This facility has helped our students to work and travel on different routes for their surveys.

### 6.Literature Review-

Sr. No.	Title	Author	Review	Journal	Year
1.	Comparative Analysis of a Diagrid Structure and Conventional Structure with Chevron Bracing	Mohammed Abdul Rahey and M. A. Azeem	<ul style="list-style-type: none"> <li>The studies suggested to use a varying angle diagrid structure for a tall building with aspect ratio greater than 7 and a uniform angle diagrid for a tall building with aspect ratio less than 7, so as to save structural materials in order to create more sustainable built environments.</li> <li>The study on significant effects of various parameters on the governing lateral and gravity loads being carried out by the interior and exterior portions of the structure.</li> <li>The behaviour of the structure if the diagrid on the exterior is being replaced by simple bracing using ISA angle sections, and to consider the parameters such as story drift, displacement, distribution of storey shear developed due to various loading patterns and various loading combinations.</li> </ul>	International Journal of Applied Engineering Research	2019



# ● Innovative Ways of Teaching Learning



## **FLIPPED LEARNING**

Flipped Learning is the activity which helps teachers to prioritize active learning during class timing by assigning students learning material. Students are asked to get the information on given topic. At the end students present the topic in groups. This fun learning activity actually helps the student to get the knowledge in a fun way.

In our department we conduct such activities for all the classes starting from FE to BE. Student enjoys the activity and takes active participation in the same.



## **LEARNICO**

- This platform helps our teachers to understand the actual topic learned by students
- Every staff conducts the sessions during lecture hours.

## **YOUTUBE VIDEO SHARED**

Visualization is the good technique to get the better idea about any topic. Different YouTube videos are shared with the students to understand the topic in different perspectives.





# MINDFULNESS

A HEALTHY WAY OF LIVING



प्राणायाम आणि ध्यान धारणा



आजच्या कोरोनाने भयस्त झालेल्या वातावरणात, सर्वच वैद्यकीय क्षेत्रांतून फुफ्फुसांची कार्यक्षमता वाढविण्यास " प्राणायाम " आणि शरीराला आणि मनाला निरोगी ठेवण्यासाठी " ध्यान धारणा " करण्याचा सल्ला दिला जात आहे.

क. का. वाघ शिक्षण संस्थेच्या स्थापत्य अभियांत्रिकी विभाग आणि आर्ट ऑफ लिविंग च्या संयुक्त विद्यमाने दि. २६/०४/२०२१ पासून दररोज ऑनलाईन (झूम) प्राणायाम व गुरुदेव श्री श्री रविशंकरजी द्वारे निर्देशित ध्यान आपण जतून करावे.

भस्तिका प्राणायामाचे फायदे

१. फुफ्फुसांच्या कार्यक्षमतेत वाढ
२. शारीरिक आणि मानसिक ऊर्जेमध्ये वृद्धी
३. शांत आणि आनंदी मन

ध्यान करण्याचे फायदे

१. साकारात्मकतेमध्ये वाढ
२. एकाग्रतेत वाढ
३. विचारांमध्ये स्पष्टता
४. तणावापासून मुक्ती

क्र.	वेळ	झूम लिंक
१	८:०० - ८:३० सकाळ	ज्वाटसअप ग्रुप वर पाठवली जाईल
२	७:०० - ७:३० सायं	

नोंदणीसाठी खालील लिंक वर क्लीक करा:

<https://tinyurl.com/Mindfulness-Events>



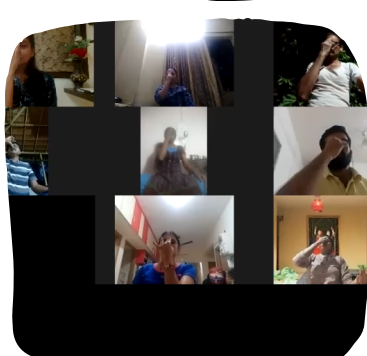
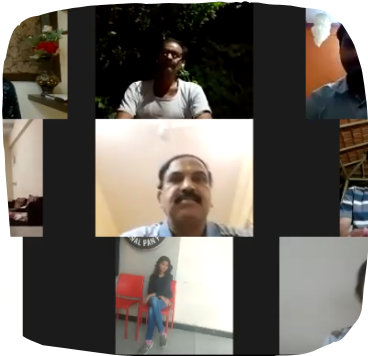
If you're real there are 2 pc

1. You've just joi

Just close your ey the instructions. 😊

2. You've lost yo

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## EVENTS CONDUCTED

Pranayama and Meditation

Every year we arrange such sessions for our stakeholders Now a days it has become the need of an hour that we should come together and help each other to live better life.

WELCOME ALL

DAILY MINDFULNESS EVENTS

MORNING BATCH

# VIEWS OF FACULTY

**TOGETHER WE ACHIEVE MORE**

## UNITY IS A STRENGTH

**BY: SHITAL WANI-AJNADKAR**

Civil Engineering Department actually works with this principle. A safe and healthy working space is created here for all to work in an efficient way.



## LIFE IS A CELEBRATION

**BY: GAYATRI MADAN**

Civil Engineering Department is always giving an equal platform to all the students and faculty members. In our department, we actually celebrate the strength in female.

This department has created a happy place to work in.



# Visits Arranged

Virtual Visits



## SWAMI NARAYAN TEMPLE

SE Students

A Virtual visit was arranged for our Second Year Students in a Hybrid Mode.

Prof. Sunila Gadi and Prof. Snehal Chaudhari has worked smart for arranging the visit in a Hybrid Mode. Though the classes has started in a offline mode but still there are some students who have not yet joined the offline college yet.

Zoom platform was used for the virtual visit.

30+ students were present on field for visit.

90+ students have attended the virtual visit from their home. Technology has evolved a lot.

## Importance of Visits

Actual work experience

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Better understanding

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Problem solving skills develops

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Safety aspects can be understood

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Ethics can be studied n site