



## **SCHOOL OF ENGINEERING & TECHNOLOGY**

### **DEPARTMENT OF CIVIL ENGINEERING**

**Academic Year 2021-2022**

## **Report on “Expert Lecture”**

**1. Event Title:** An Expert Lecture on “Carbon Footprint Mapping & Climate Change Strategy

**2. Event Date:** 11/10/2021

**3. Event Conduction Duration:** 11.00 am-12.30 pm

**4. Event Venue:** Online Platform Google Meet

**5. Event Resource Person Details** - Mr. Kaustubh Phadke, Environmental Engineer, Certified Green Building Assessor, General Manager & Country Head Global Cement & Concrete Association [GCCA]

**6. Name of Event Coordinator with contact details:** Prof. Swati Patil (8698747179) & Ms.Pranoti Sabale

**7. Number of Participants:** Around 100

**8. Event Outline, Objective & Outcome of the event:** The Department of Civil Engineering at School of Engineering and Technology, Sandip University, Nashik has successfully conducted an Expert lecture on “**Carbon Footprint Mapping & Climate Change Strategy**” for B.Tech Final year Engineering students.

Ms.Swati Patil has started the session by giving an introductory remark and brief about the keynote speaker. Dr.P.L.Naktode, Professor & Head, briefed the students about the importance of the session. Mr.Kaustubh Phadke conducted a very interactive and informative session for the students.

The objectives of the expert lecture are as below.

1. To deliver knowledge about carbon footprint mapping.
2. To make awareness of climate change & its effects among the students.

Overall the session was very interactive.

## 9. Event photos:



**SANDIP UNIVERSITY, NASHIK**  
SCHOOL OF ENGINEERING AND TECHNOLOGY  
DEPARTMENT OF CIVIL ENGINEERING

**AN EXPERT LECTURE ON**  
**“CARBON FOOTPRINT MAPPING AND CLIMATE STRATEGY”**  
**DATE : 11/10/2021 TIME : 11:00 AM VENUE : GOOGLE MEET PLATFORM**



**Mr. Kaustubh Phadke**  
Environmental Engineer, Certified Green Building Assessor  
General Manager & Country Head Global Cement & Concrete Association [GCCA]

**Experience:**

1. Expertise in Environmental Engineering.
2. A certified Green Building Assessor with 20+ years of experience in sustainability, carbon footprint mapping, water stewardship, sustainable supply chain management, and EHS management system.
3. He has worked on the development of Integrated report, Business Responsibility and Sustainability Reporting (BRSR), Sustainability Roadmap.

**Key Achievement**

1. Establishment of GCCA – India operations and with more than 65% of India cement capacity joining the GCCA activities
2. Achieving Water Positive status for all 24 campuses of Larsen & Toubro
3. Making L&T's two large Campuses Carbon Neutral
4. Development of Combined Code of Conduct for suppliers Environmental & social risk management framework
5. Development of zero accident vision



Sandip University, Nashik  
School of Engineering & Technology  
Department of Civil Engineering  
Presents,  
An Expert Lecture On  
**“CARBON FOOTPRINT MAPPING AND CLIMATE STRATEGY”**  
On 11<sup>th</sup> October 2021  
—: Keynote Speaker :—



**Mr. Kaustubh Phadke**  
Environmental Engineer, Certified Green Building Assessor  
General Manager & Country Head Global Cement & Concrete Association [GCCA]

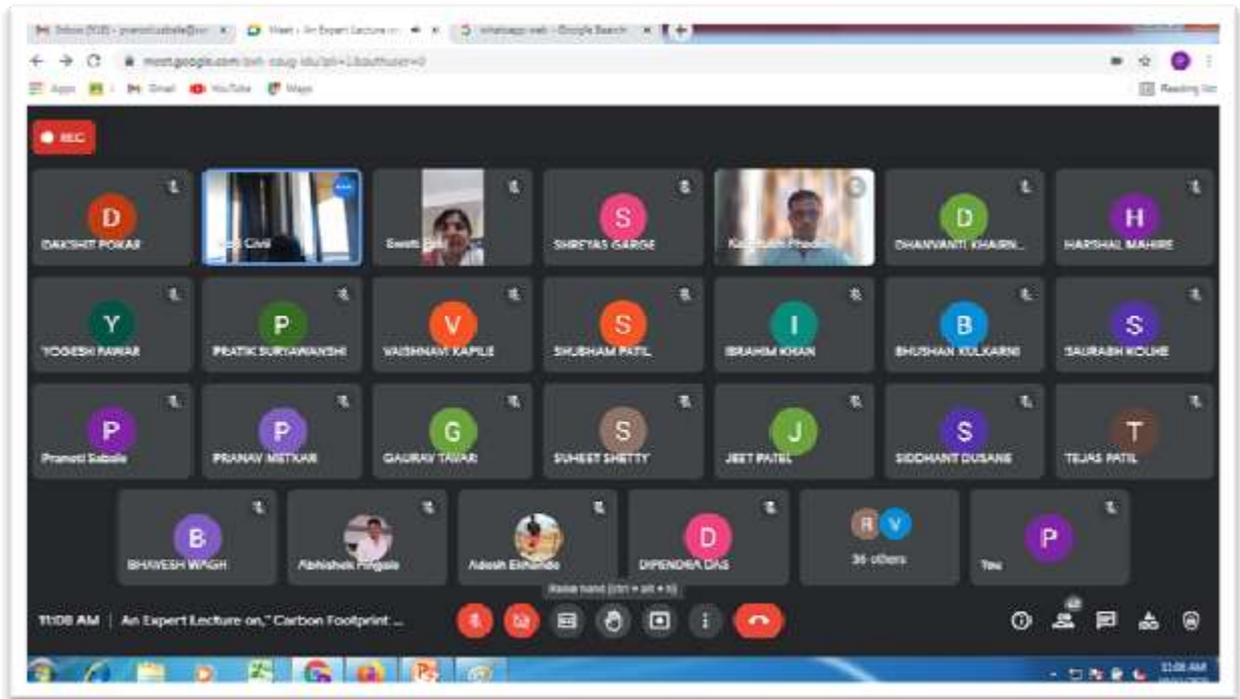
**Coordinators**  
Mr. Swarn A. Patil (9928747179)  
Mr. Prasad N. Sahale (997618384)

**Co-Convenor**  
Dr. F.L. Nalvade  
Professor and Head

**Convenor**  
Dr. A.S. Maheshwari  
Associate Dean Engineering

**Time: 11:00 AM (IST)**  
**Venue: Google Meet**  
**Link: <https://meet.google.com/yuk-ssag-tda>**

Participants: UG Students



Zoom Meeting | An Expert Lecture on "Carbon Footprint M.L." | 11:16 AM

### Global Challenges

#### World Population

Population Growth

Current world population = 7.7 bn and growing

#### Global Temp. and CO<sub>2</sub>

Temperature Rise

- 0.8°C - 0.4°C global temperature increased over 1950 levels
- A 2 °C rise will melt arctic ice caps beyond repair - unprecedented damage to marine and coastal life

#### Food Shortages

One in six people worldwide don't have access to safe freshwater

#### Resources Crunch

- Natural resource depletion
- Depletion in ground water level
- Increase in social inequality
- Fuel price

Depleting level of ground water (1-5cm/year)

11:16 AM | An Expert Lecture on "Carbon Footprint M.L." | 11:16 AM

Zoom Meeting | An Expert Lecture on "Carbon Footprint M.L." | 11:07 AM

Alankesh Pingale	Guest User	Guest User	SHREYAS GARGI	Kaustubh Phadnis	DHANWANTI KHAIRI	HARSHAL MAHIRE
YOGESH PANKAR	PRATIK SURYAWAL	VAISHNAV KAPLE	SHUBHAM PATIL	IBRAHIM KHAN	BHUSHAN KOLKAR	SAURASH KOLHE
Pranav Sabale	PRANAV MITKAR	GAURAV TAVAR	SHEET SHETTY	JEET PATIL	SIDDHANT DUSANE	TELAS PATIL
ROHIT KUMAR	VIRJIN KARDIK	SHWESH GHAVAT	Rushikesh Khandekar	32 others	You	

11:07 AM | An Expert Lecture on "Carbon Footprint M.L." | 11:07 AM