

## CHIEF PATRON

**Prof. Manish Bhalla**  
Vice Chancellor, DYPIU, Akurdi

## ORGANIZING CHAIRMAN

**Dr. Anupama V. Patil**  
Director, SEMR, DYPIU

## CONVENER

**Dr. Pravin Gorde**  
HoD and Associate Professor,  
Civil Engineering, SEMR, DYPIU

## CO-ORDINATORS

**Ms. Priyanka Sharad Jawale**  
Assistant Professor,  
Civil Engineering, SEMR, DYPIU

**Ms. Vaishnavi Battul**  
Assistant Professor,  
Civil Engineering, SEMR, DYPIU

## ADVISORY COMMITTEE

1. **Dr. Sunil Damhare**, Director, IQAC
2. **Dr. Priya Charles**, HOD - Semiconductor
3. **Dr. Ganesh Jadhav**, HOD - Mechanical
4. **Dr. Shailesh Ghodke**, HOD - Chemical
5. **Dr. Atul Kolhe**, Associate Prof. Civil

## ORGANIZING COMMITTEE

- Ms. Amruta Kulkarni
- Ms. Tejashri Gulve
- Ms. Pradnya Kulkarni
- Mr. Shubham Chandgude
- Mr. Vishal Swami
- Mr. Sachin Jamadar

## RESOURCE PERSONS

- 1) **Dr. Krupesh A Chauhan**  
(Prof. at Civil Engg. Dept. SVNIT, Surat)
- 2) **Mr. Vijay Bhonsle**  
(Product Manager, Terrablu Climate Technologies PVT LTD)
- 3) **Mr. Santhosh Pujari**  
(Hydraulic Expert - Water/Waste Water Treatment Plants, WSP, Bangalore)
- 4) **Dr. Ajim Shabbir Sutar**  
(Assistant Prof. at Civil Engg. Dept. DYPCOET, Kolhapur)
- 5) **Mr. Vikas Pandya**  
(Director, Abhikalpan Construction Solutions PVT LTD)

## SUSTAINABLE DEVELOPMENT GOALS

- 6) Clean Water and Sanitation
- 8) Decent Work and Economic Growth
- 9) Industry Innovation and Infrastructure
- 11) Sustainable Cities and Communities

## FIVE DAYS ONLINE FACULTY DEVELOPMENT PROGRAMME

on

## “Sustainable and Resilient Urban Infrastructure Systems”

15-12-2025 to 19-12-2025

**Organized By**  
**Department of Civil Engineering,**

**School of Engineering, Management and Research**

**D Y Patil International University,  
Akurdi, Pune**



**D Y Patil International University,  
J Block Sector 29, Akurdi,  
Pune, Maharashtra. Pin - 411044.**

[www.dypiu.ac.in](http://www.dypiu.ac.in)

## ABOUT THE UNIVERSITY

At D Y Patil International University, we believe that education must evolve with time. In today's fast-paced world, where industries are constantly redefined by technology, sustainability, and creativity, our university offers a dynamic and interdisciplinary learning environment that goes beyond the classroom. We emphasize practical learning, critical thinking, innovation, and character-building across all programs.

## ABOUT THE DEPARTMENT

B. Tech Civil Engineering Program is designed to empower aspiring engineers as an 'Industry Ready Professional' with the knowledge, skills, and experience. The student will embark on a transformative educational journey of skills, innovation, and hands-on learning. The program is aimed at shaping the next generation of innovative and ethical civil engineers. Discover the potential and make a lasting impact on society to build a career that matters.

## ABOUT THE FDP

The FDP aims to enhance the knowledge and competencies of faculty members and researchers in the domain of Sustainable and Resilient Urban Infrastructure Systems. The program will focus on contemporary tools, methodologies, and best practices for planning, designing, and managing urban infrastructure to ensure long-term sustainability, climate resilience, resource efficiency, and societal well-being. Key themes include green infrastructure, sustainable transportation systems, urban flood management, smart city frameworks, renewable energy integration, and innovative construction materials and technologies.

## DEPARTMENT VISION

To establish a dynamic learning environment to promote creativity and innovation in Civil Engineering which focuses on a regional, national, and international level.

## DEPARTMENT MISSION

- To provide a diverse, vibrant, and inspiring learning environment that fosters excellence in civil engineering education.
- To establish the department as a leading center for experiential learning, cutting-edge research, and innovation in sustainable infrastructure.
- To become a responsive civil engineering center of excellence addressing the evolving needs of industry and society.
- To embed internationalization, employability, and value-based thinking in the curriculum.

## FDP OBJECTIVES

- To develop a comprehensive understanding of sustainable urban development principles
- To introduce key concepts and strategies for building resilient infrastructure systems
- To familiarize participants with advanced tools, technologies, and best practices
- To strengthen faculty capacity for research, teaching, and innovation

## FDP OUTCOME

- Participants will be able to apply sustainable and resilient design principles to evaluate and improve urban infrastructure systems.
- Participants will gain the ability to integrate modern tools, technologies, and best practices into teaching and research related to sustainable urban development.



## COURSE CONTENTS

- Day 1: Green Building Audit in Indian Context
- Day 2: Smart Cities and Digital Technologies for Sustainable Infrastructure
- Day 3: Urban Water, Waste, and Energy Systems for a Circular Economy
- Day 4: Green Building Materials and Sustainable Construction Practices
- Day 5: Transportation Infrastructure for Low-Carbon and Resilient Cities



## IMPORTANT DATE

Last Date of Registration :  
14th December 2025



## REGISTRATION FEE DETAILS

- No participation fees for the FDP
- E-certificates will be issued after attending all sessions and submitting the feedback form.



## REGISTRATION LINK

Session Time - 10:00AM to 1:00PM.

- <https://forms.gle/YASS6p1izV9ZzryQ6>



## JOIN WHAT'S APP LINK

<https://chat.whatsapp.com/K5IRpBzVa5uIzWtnXSfGcN>