

KEY NOTE SPEAKERS

The sessions will be conducted by experts, from India & Abroad both from academia, research organizations and industry in the subject area.

Sr. No	PHOTO	DATE	SESSION/TIME	TOPIC
1		15 th December 2025	Forenoon Session 11:00 Am to 12:00 Pm	Dr. V. Senthilkumar Associate Professor, Dept. of Civil Engineering, IIT Pallakad. Topic: Technology Adoption while delivering sustainable infrastructure project delivery.
2		15 th December 2025	Afternoon Session 3:00 Pm to 4:00 Pm	Dr. G. R. Dodagoudar Professor, Dept. of Civil Engineering, IIT Madras. Topic: Challenges in Foundation design Practices towards Sustainable Development
3		16 th December 2025	Forenoon Session 11:00 Am to 12:00 Pm	Dr. Yogeshwar Navandar Assistant Professor, Department of Civil Engineering, NIT Calicut Topic: Sustainable Pathway: Exploring Barriers of Indian Inland Water Transport
4		16 th December 2025	Afternoon Session 03:00 Pm to 04:00 Pm	Dr. Wisena Perceka Ph.D Assistant Professor of Civil Engineering Member of Structural Engineering Division, Department of Civil Engineering, Faculty of Engineering, Parahyanan Catholic University Indonesia Topic: From Laboratory to Resilient Design: Sustainable Seismic Solutions Using Fiber Reinforced Concrete
5		17 th December 2025	Forenoon Session 11:00 Am to 12:00 Pm	Mr. Kaustubh Phadke India Head - Global Cement & Concrete Association (GCCA) Topic: Importance of Embodied Carbon Assessment in the Built Environment
6		17 th December 2025	Afternoon Session 03:00 Pm to 04:00 Pm	Dr. K. V. Anand Assistant Professor, Department of Civil Engineering NIT Calicut Topic: Coastal Vulnerability and Sustainable Coastal Protection Measures
7		18 th December 2025	Forenoon Session 11:00 Am to 12:00 Pm	Dr. Shiv Shankar Kumar Assistant Professor, Department of Civil Engineering, NIT Patna Topic: Improvement of Soft Ground Using Scrap Tyre
8		18 th December 2025	Afternoon Session 03:00 Pm to 04:00 Pm	Dr. Manjari T Assistant Professor, Dept. of Civil Engineering, NIT Suratkal Topic: Building light, building green: The role of mine overburden lightweight aggregates in sustainable civil engineering
9		19 th December 2025	Forenoon Session 11:00 Am to 12:00 Pm	Dr. C. Rajasekaran Associate Professor, Dept. of Civil Engineering, NIT Suratkal Topic: Microstructural Insights into Sustainable Construction Materials
10		19 th December 2025	Afternoon Session 03:00 Pm to 04:00 Pm	Mr. Vetriselvan Arumugam Head Design & Engineering, Baller Engg. India Pvt. Ltd, Chennai. Topic: Geotechnical Solutions for Sustainable Development

4.00 Pm to 4.30 Pm Valedictory

IMPORTANT DATES

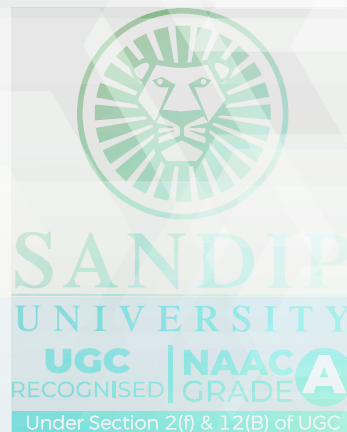


For more Information and Queries kindly Contact

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SOET, SANDIP UNIVERSITY
NASHIK- 422213

15th-19th
DECEMBER 2025



ABOUT THE UNIVERSITY

Sandip University, Nashik (SUN) is one of the premiers UGC recognized Under Section 2(f) & 12(B) of UGC University. This is the first Self-financed private university in North Maharashtra. Sandip University belongs to Sandip Group of Institutions which owns the very well-known Sandip Foundation in Nashik. Sandip University is a massive educational institute in Nashik is accredited by NAAC with 'A' grade aimed at providing quality undergraduate and postgraduate programmes to the students. This commitment is reflected in the investments made by the Institute in providing facilities to students in terms of laboratories, equipments, library books, sports and transportation.

At Sandip University, the focus is on interactive Teaching Learning, Industrial Projects, on job training, Faculty empowerment, Industrial visits so that learning is applicable oriented and students develop the necessary skills. The University is spread across the 250 acres of land with the state of art infrastructure. Sandip University hosts different departments offering range of undergraduate and postgraduate course, PhD in Engineering & Technology, Sciences, Computer Science & Engineering, Commerce & Management, Fashion design & Beauty, Law and Pharmaceutical Sciences.

ABOUT OUR DEPARTMENT

Civil Engineering Department of Sandip University is well known in Nashik because of its comprehensive and industry- oriented approach. Department offers academic programmes are B.Tech. Civil Engineering, MTech. in (Structural Engineering, Construction Management, Transportation Engineering and Planning, Environmental Engineering), MTech. Valuation (Land and Building), Master of Planning (Town and Country Planning) and Ph.D. in Civil Engineering. Well qualified and experienced faculty members are the core of the department. They are specialized in structural, geotechnical, environmental, water resources, transportation, urban planning, construction engineering & management. The laboratories are well equipped with state-of-the-art equipment's



OBJECTIVES OF FDP

The primary objective of this Faculty Development Programme is to enhance participants' understanding of sustainable development principles in civil engineering by addressing contemporary challenges related to materials, design, construction, and infrastructure systems. It aims to expose faculty members to emerging research trends, microstructural material insights, embodied carbon assessment, and sustainable alternatives in geotechnical, structural, transportation, and coastal engineering. The programme intends to strengthen academic competency and encourage the adoption of innovative, eco-friendly, and resource-efficient engineering solutions. This FDP further aims to bridge the gap between academic learning and industry practices by introducing participants to real-time applications, advanced technologies, and practical challenges in delivering sustainable infrastructure. Sessions by experts from IITs, NITs, and industry will provide deeper insights into modern tools, ground improvement using waste materials, sustainable transport strategies, and coastal protection measures. The programme ultimately intends to promote curriculum enrichment, research collaborations, and enhanced teaching methodologies in line with global sustainability goals.



SDG GOALS



Emphasizes building resilient infrastructure, promoting inclusive & sustainable industrialization, & fostering innovation



Making cities and human settlements inclusive, safe, resilient, and sustainable.



To ensure sustainable consumption and production patterns.



A direct call to take urgent action to combat climate change and its impacts



Focuses on conserving and sustainably using the oceans, seas, and marine resources for sustainable development

SDG Goal	Goal Title	How FDP Contributes
SDG 13	Climate Action	Encourages low-carbon construction through embodied carbon reduction.
SDG 9	Industry, Innovation & Infrastructure	Promotes innovative, resilient, & efficient infrastructure through improved foundations, modern technologies, & sustainable materials.
SDG 12	Responsible consumption & Production	Supports usage of waste materials and eco-friendly lightweight aggregates.
SDG 11	Sustainable Cities & Communities	Enhances safe & sustainable urban development through ground improvement and greener transport systems.
SDG 14	Life Below Water	Strengthens coastal resilience and protects marine ecosystems through sustainable coastal protection measures.

HIGHLIGHTS OF FDP

- To highlight sustainable practices in **Civil Engineering** through expert sessions on low-carbon materials, geotechnical advancements, resilient infrastructure, and modern construction technologies.
- To equip participants with **Industry-Oriented Insights** on waste-based solutions, coastal protection, sustainable transport systems, and innovative methods to enhance teaching and research.

Eligibility

- Faculty from AICTE approved Institutions.
- PG students and Research Scholars.
- Industrial Professionals
- Scientist from R&D organizations

SCAN
For Registration



Note: E-certificate will be awarded to participants on successful completion of program and feedback submission for each session

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