



# Sandip Institute of Technology and Research Centre

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(Approved by-AICTE, New Delhi, & Govt. of Maharashtra and Permanently Affiliated to Savitribai Phule Pune University (Formerly Pune University), Pune.)

Accredited with “A” grade by NAAC With CGPA Score of 3.11  
NBA Accredited for Computer & Mechanical Engineering(UG Course)  
w.e.f. 2023-24 to 2025-26

**An Autonomous Institute w.e.f. 2023-24**



**SANDIP**  
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## Department of Civil Engineering

### Academic Year 2024-2025

## Report on Expert Lecture on “Various Job Openings in Civil Engineering”

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1. **Event Title:** Guest Lecture on “Various Job Openings in Civil Engineering”
2. **Event Date:** 19-12-2024
3. **Event Venue:** Department of Civil Engineering
4. **Event Duration:** 1.5 hours
5. **Event Coordinator:** Mr.Sachin Wamanrao Manjarwal
6. **Event Resource Person(s):** Er.Aashlesh Nayati (Founder of Excellence

Foundation)

### 7. **Event Objective:**

The primary goal of this lecture was to provide civil engineering students with detailed insights into the current job market. The specific objectives included:

- Highlighting the scope of career opportunities in civil engineering across various domains.
- Exploring job openings in fields such as structural design, project management, geotechnical engineering, transportation, and environmental engineering.
- Providing guidance on skillsets, certifications, and training required to secure jobs in the industry.
- Encouraging students to develop a professional approach to align with industry demands.

### 8. **Event Summary:**

The lecture was attended by 30 students from the Civil Engineering department. The session commenced with an overview of the civil engineering job market in India and

abroad. Key sectors such as construction, infrastructure development, urban planning, and water resource management were discussed.

The speakers elaborated on opportunities in government agencies (PWD, NHAI), private construction firms, and consultancy roles. The importance of emerging fields like sustainable construction and BIM (Building Information Modeling) was highlighted.

Attendees were provided with strategies for job applications, resume building, and leveraging platforms like LinkedIn for networking and job searches. The interactive session allowed students to clarify doubts regarding career pathways and necessary qualifications.

### 9. Event Outcomes:

Students achieved the following:

- **Awareness:** Understanding of various career paths in civil engineering and their respective requirements.
- **Guidance:** Tips for enhancing employability, including certifications in AutoCAD, STAAD.Pro, Revit, and Primavera.
- **Motivation:** Inspiration to explore unconventional job opportunities and develop soft skills like communication and teamwork.
- **Career Planning:** Clear guidance on internships, government exams, and certifications to strengthen their profiles.

### 10. Event Outcomes: Mapping of Outcomes with POs and PSOs:

Outcome Description	PO/PSO	Mapping Level (1–3)	Justification
Awareness of career paths and job opportunities in civil engineering.	PO1, PO7, PSO1	3	Demonstrates understanding of various career opportunities and their relevance to societal needs and sustainability.
Guidance on skillsets, certifications, and training required for employability.	PO5, PSO2	3	Involves the use of modern tools like AutoCAD, STAAD.Pro, Revit, etc., and problem-solving abilities.
Motivation to explore unconventional roles and develop soft skills like communication and teamwork.	PO9, PO10, PSO3	2	Encourages teamwork, communication, and professional development for diverse job roles and entrepreneurial opportunities.
Career planning strategies, including internships, government exams, and certifications.	PO11, PSO3	3	Involves project management, planning, and preparation for job market readiness, highlighting leadership and technical skills.
Introduction to emerging fields like BIM and sustainable construction.	PO7, PSO1	2	Highlights the significance of sustainability and modern engineering practices for future-ready civil engineers.

11. Event Photos:



Photo: Students Participating in a Guest Lecture

Event Co ordinator

Mr. Sachin W Manjarwal

Civil engineering Department

HOD

Dr.J.G.Nayk

Civil engineering Department

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