

DEPARTMENT OF CIVIL ENGINEERING

Guest Lecture Report – “Career Opportunities in Civil Engineering”

Date: 10/09/2025

A guest lecture on “Career Opportunities in Civil Engineering” was organized on **10th September 2025** for all **2nd, 3rd, and 4th year Civil Engineering students**. The session was delivered by **Mr. R. Suresh, Founder of INTECH Builders & INTECH Promoters**, a well-known name in the construction and infrastructure development industry.

The session commenced with a warm **welcome address and introduction of the guest speaker** by **Dr. S. Thenmozhi, Professor and Head, Department of Civil Engineering**.

The lecture aimed to bridge the gap between academic learning and real-world industry expectations by highlighting the various career paths available to civil engineering graduates. Mr. Suresh began by sharing his personal journey in the construction industry and the experiences that led to the founding of his successful ventures. He provided students with an overview of the core domains within civil engineering, such as structural design, construction management, geotechnical engineering, transportation, and environmental engineering.



One of the key takeaways from the session was the detailed discussion on career prospects in both government and private sectors. Mr. Suresh explained the recruitment processes and growth potential in government jobs, including roles in departments such as PWD, NHAI, and various public sector undertakings. He also

highlighted the dynamic opportunities available in the private sector, especially in real estate development, consultancy firms, infrastructure companies, and startups focusing on sustainable and smart construction solutions.

Further, he introduced students to emerging fields such as **green buildings, smart cities**, and the use of modern technologies like **BIM (Building Information Modeling)** and **GIS (Geographic Information Systems)**, encouraging them to upskill and remain industry-ready.

The session was highly interactive, with students engaging in a lively **Q&A segment**, seeking guidance on internships, certifications, and the skills needed to excel in the competitive job market. Mr. Suresh's practical insights and motivational words inspired many students to think beyond conventional roles and explore the vast potential of the civil engineering profession.

The event concluded with a **vote of thanks proposed by Dr. M. Subbulakshmi, Assistant Professor, Department of Civil Engineering**, who expressed gratitude to the guest speaker for his valuable time and insights, and to all participants for their active involvement.



SDG MAPPING:

The guest lecture on “Career Opportunities in Civil Engineering” directly aligns with several United Nations Sustainable Development Goals.

It supports **SDG 4: Quality Education** by enhancing students' technical knowledge, industry awareness, and understanding of emerging technologies such as BIM, GIS, and sustainable construction practices, thereby strengthening their academic-to-industry readiness.

The session promotes **SDG 8: Decent Work and Economic Growth** by guiding students on diverse career pathways, employability skills, government and private sector opportunities, and the competencies required to secure meaningful and productive employment in the civil engineering sector.

By introducing advanced engineering domains, modern construction technologies, and innovation-driven career prospects, the lecture contributes to **SDG 9: Industry, Innovation, and Infrastructure**, motivating students to participate in the development of resilient infrastructure and adopt innovative engineering solutions.

Furthermore, the discussion on green buildings, smart cities, and sustainable urban development establishes a strong connection to **SDG 11: Sustainable Cities and Communities**, encouraging future engineers to focus on planning and executing projects that make cities inclusive, safe, resilient, and environmentally sustainable.

Overall, the guest lecture was an informative and inspiring event that enriched students' understanding of their future career options and emphasized the importance of continuous learning and adaptability in the civil engineering field.