

VIVA INSTITUTE OF TECHNOLOGY
DEPARTMENT OF CIVIL ENGINEERING

GUEST LECTURE REPORT

Guest Lecture for Subject Transportation Engineering

Topic: Pavement Evaluation & Maintenance

Speaker: Mr. Vivek Bhalchandra Mamdapur

Date: 06th October 2023 (Friday)

Venue: Fourth Floor Seminar Hall (Main Building)

Participants: Third Year Engineering Students & Faculty

Introduction:

As a part of the curriculum, a Guest Lecture was conducted by the Department Of Civil Engineering at Viva Institute Of Technology, Virar (East) on 06th October 2023 (Friday) from 11.00 a.m. to 1.00 p.m. Chief Guest “Mr. Vivek Bhalchandra Mamdapur”, Estate Advisor at the National Institute Of Industrial Engineering, Powai, had taken a guest lecture on the topic “Pavement Evaluation & Maintenance” for third-year engineering students at the 4th-floor seminar hall in the main building. The speaker had 40-plus years of work experience. In those 40-plus years, the speaker has provided his service in various organizations as an engineer and institutes as an engineering professor. The speaker has also delivered lectures at various other universities. A total of around 50 students and staff participated in this program.

Summary:

The speaker explained the basics of pavement evaluation, structural and functional evaluation, and discussed in detail Benkelman Beam, FWD, and LWD methods. The speaker also detailed various failures that occur in both rigid and flexible pavements. The speaker also detailed how to strengthen the existing pavement. The speaker discussed the possibilities and reach abilities of research and development in the CE field, and opportunities in core technical areas with authenticated explanations. Some part of his session was also directed towards ethical practices that an engineer should follow in this field as the life of people depends on the kind of work executed.

In the end, the speaker also discussed his recent works and motivated young engineers to work hard. After his lecture, the students were given time to interact with him. Students felt that the session was more informative and interactive. At the end of the guest lecture, some students gave feedback and explained how they benefited from it. Overall, it was a very wonderful experience for everyone.

Some of the photographs while delivering the lecture are as follows:



Guest Lecture on Pavement Evaluation & Maintenance