SGT UNIVERSITY

SHREE GURU GOBIND SINGH TRICENTENARY UNIVERSITY

(UGC Approved University) GURGAON, Delhi-NCR

Faculty of Engineering & Technology

Department of Civil Engineering

"Construction Site Visit-L&T Project"

DIAL Phase 3A Expansion Project, IGI Airport, New Delhi

Type of Event: Site Visit

Date: 23/04/2022

Time: 10:00 AM to 03:00 PM

Venue: IGI Airport (Expansion Project)

Organizer:

Dr. Neeraj Saini, HOD & Assistant Professor, Department of Civil Engineering, FEAT.

Accompanying Faculty:

Mr. Aditya Kapoor, Assistant Professor, Department of Civil Engineering, FEAT.

Mr. Satyam Garg, Assistant Professor, Department of Civil Engineering, FEAT.

Objectives:

Site visits are crucial for a better understanding of civil engineering concepts and how civil engineering theory is put into practice. The main aim of the visit is to provide exposure to students to practical working environments. From this site visit, students will learn about the quality control techniques and on-site challenges at the project sites.

About the Speaker/Guest:

Mr. Shreebanta Kumar Das, JGM (Civil), L&T Construction, Delhi International Airport Project.

Audience:

UG Civil Engineering Students (06), Faculty Members (03), and Lab Technician (02) from the Department of Civil Engineering, SGT University.

Brief Report:

Construction site visits are interactive experiences that enhance students' understanding of real construction practices. Site visits create an interactive learning environment for students and provide exposure to a real-world spatiotemporal experience of a construction project. Visiting a real-time construction project or design office allows the students to develop a greater understanding of how civil engineering theory is put into practice. Keeping this thought in mind, **the Department of Civil Engineering, FEAT, SGTU organized a "Site Visit, at L&T Project, DIAL Phase 3A Expansion Project, IGI Airport, New Delhi, on 23 April 2022, from 10.00 AM to 03.00 PM.** The project engineer elucidated the two types of pavements, Fixed and Flexible. Later, the basic concepts involved in different experimentations such as the Los Angeles abrasion

value test of aggregates, softening point (ring and ball test) of bitumen, the penetration value test of bitumen, Marshall Stability test, were demonstrated, with on-site samples. Students also visited the control room, medical center and pavement laid section at the project site.

Learning Outcomes:

The site visit enables the students to understand the quality control tests involved in the laying of pavements at different sites. Also, students learned about the instruments such as the Los Angeles abrasion value test of aggregates, softening point (ring and ball test) of bitumen, the penetration value test of bitumen, Marshall Stability test.


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KM
20
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10
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List of Attendees (Civil Engg. Students)

1. **191301002 GOURAV**
2. **191301008 DEEPANSHU**
3. **201301003 HARSHJYOT**
4. **201301008 RANDEEP**
5. **201301005 SHUBHAM**
6. **201301001 SUMUKH**