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06/04/23

R-120
7/4/23

SGTU/FEAT/CE-192
Dated: 06 April 2023

To

The Registrar
SGT University, Gurugram

Subject: Permission to organize a "Site Visit at L&T Airport Expansion Project, New Delhi, on 22 April 2023.

Respected Sir,

On behalf of the Department of Civil Engineering, SGT University, we would like to request you to permit us to organize a " Site Visit at L&T Airport Expansion Project, New Delhi, on 22 April 2023", under the aegis of Torque Club, for the students of the Department of Civil Engineering, of FEAT. This visit will enrich the students about the structural as well as transportation engineering concepts, of runways, beams, columns, slabs, etc., at airport terminals. This site visit involve on-site teaching session as well. No financial commitments are involved in this site visit.

Timing - 10:00 AM
3:00 PM till.
Must be back
3:15 PM.

Date: 22 April 2023

Student Count: 09 (Btech 2nd and 6th Sem)

Faculty Count: 01

Lab Technician: 01

Travel: 01 (Bus-Capacity-25)

Kindly consider the request and give valuable permission for the same.

With Best Regards

~~Dr. Neeraj Saini (HOD CE)~~

for your kind approval, please.

Assoc. DEAN (FEAT)
06/04/23

DEAN (FEAT)

06/04/2023

May be considered & approved please

Approved

7/4/23

Dean FEAT

Registrar
SGT University,
Budhera, Gurugram

JGM(Civil)

L&T Construction.

From: Head CE <hodce@sgtuniversity.org>

Sent: 05 April 2023 21:00

To: Shreebanta Kumar Das <Skdt@Intecc.com>

Cc: Kiran Devi <kiran_feat@sgtuniversity.org>; Kaushal Sharma <Kaushal@sgtuniversity.org>; NEERAJ KUMAR VERMA <neeraj_fet@sgtuniversity.org>; Dr. Neeraj Saini <drneeraj.fet@sgtuniversity.org>

Subject: Regarding Permission for Site Visit at L&T (Construction Site)-New Delhi

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SGT UNIVERSITY

SHREE GURU GOBIND SINGH TRICENTENARY UNIVERSITY
(UGC Approved University) GURGAON, Delhi-NCR

Name of the Faculty: Faculty of Engineering and Technology

Name of the Event/ Programme:

Type of event: Industry visit

Date: 22nd April 2023

Time: 9:30 AM to 3:30 PM

Venue: IGI Airport Terminal – 3

Organizers: Department of Civil Engineering

Faculty Co-ordinator:-Dr. Kiran Devi

Objective of the programme: To familiarise students with the actual field construction and quality control of materials.

Speaker: Er. S.K. DAS, Project Head, and Er. Amit, Site Engineer at L&T Project Site, Terminal-3, IGI Airport, New Delhi.

Audience: B. Tech and M. Tech Civil Engineering students

Brief Report of the Programme:

Visiting the construction site and the material testing laboratory gives knowledge about the testing of construction materials and quality control at the site. The prime purpose of site visits is to learn about the understanding of different construction practices adopted by the industries and minimize the gap between the academics and field/industry. In this visit, students visited the IGI Airport T3 construction site and field laboratory used for construction materials testing to ensure quality control and demonstrated various tests conducted on-site like the consistency of cement, elastic recovery of bitumen, viscosity and consistency testing of bitumen using Brookfield viscometer also the Core-Lok method of density determination.

In addition, the visit provided an insight into the construction process, the roles of field and lab testing in the construction industry, and the overall management of the construction project. Overall, the students gained a lot of useful information and a better understanding of the importance of construction materials testing and quality control during the construction process.

Dean. FEAT

Prof. (Dr.) Vivek Srivastava

HOD

Event Coordinator

Dr. Kiran Devi

Dean
Faculty of Engineering & Technology
SGT University
Gurugram (Haryana)



SGT UNIVERSITY

SHREE GURU GOBIND SINGH TRICENTENARY UNIVERSITY
(UGC Approved University) GURGAON, Delhi-NCR

Faculty of Engineering & Technology

Department of Civil Engineering

Organized a

“Site Visit at L&T Project Site”

under the aegis of the Torque Club

Type of Event: Site Visit

Date: 22/04/2023

Time: 09:30 AM to 03:30 PM

Venue: IGI Terminal-3 Expansion Project, New Delhi

Organizer:

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

Dr. Kiran Devi, Assistant Professor, Department of Civil Engineering, FEAT.

Objectives:

Site visits provide the students with more technical and practical information about latest construction methods, materials, safety protocols, project management, building codes, and regulation. A Visit to construction sites is an engaging activity that helps students to grasp industrial techniques. Site visits provide students access to a real-world spatiotemporal experience of a building/construction project and establish an engaging

learning environment. The current site visit was planned to make the students aware of the importance of material testing, quality control, application of geotextile, and construction practice adopted for the construction of the flyover and retaining wall.

About the Speaker/Guest:

Er. S.K. DAS, Project Head, and Er. Amit, Site Engineer at L&T Project Site, Terminal-3, IGI Airport, New Delhi.

Learners:

B.Tech. Civil Engineering (Sem.-II & VI) and M.Tech. Civil Engineering (Sem. II)-(09)

Brief Report:

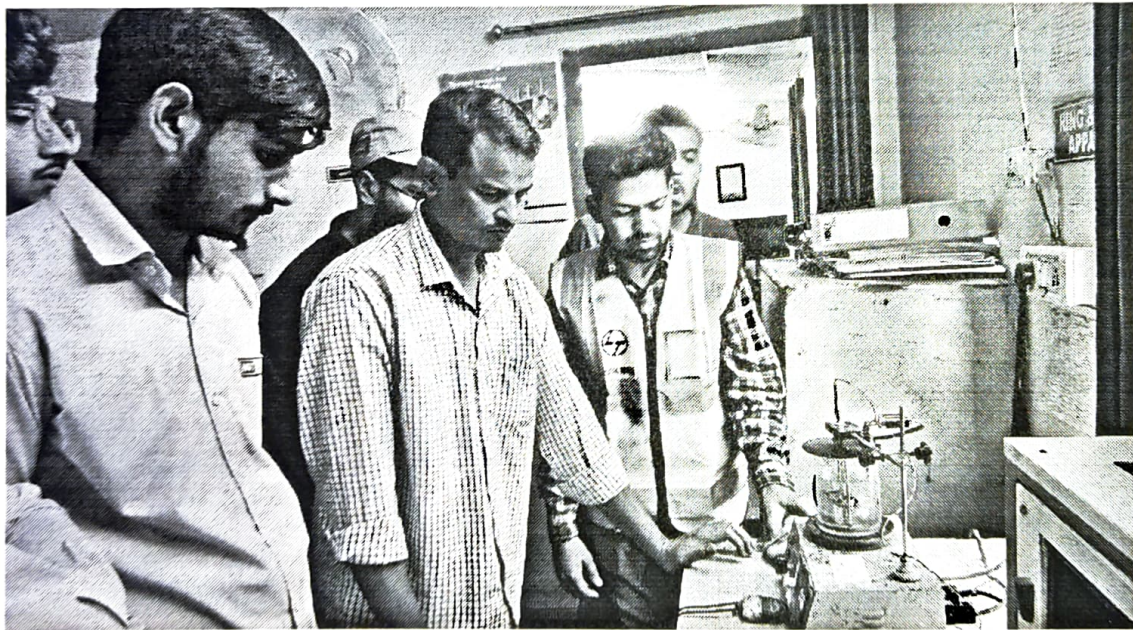
Site visits at the construction site assist students in learning the specific construction and construction methods on-site and also helps to learn from the experience of the industrial professional. Visiting the construction site and the material testing laboratory gives knowledge about the testing of construction materials and quality control at the site and laboratory. The prime purpose of site visits is to learn about the understanding of different construction practices adopted by the industries and minimize the gap between the academics and field/industry. Keeping this viewpoint, a **Site Visit to Terminal-3, IGI Airport, New Delhi**, was organized by the **Department of Civil Engineering, Faculty of Engineering & Technology, SGT University**, on **22 April 2023** under the aegis of **Torque Club**. Students were highly interested in understanding the importance of material testing before using them in construction. The engineer demonstrated material testing, i.e., consistency, setting time, soundness of 53-grade Ultratech cement as per IS code provision, compressive test and flexural strength of concrete specimens (cube and beam respectively) and tests on bitumen (softening point, viscosity test, ductility test, etc.) in the laboratory. The project head and engineer explained the construction practices followed during the construction of slab/beam, soil nailing, and application of geotextile, geomembrane, and geocell in the retaining wall. The provision of a drainage system in the retaining wall was also discussed. The construction of flexible pavement and its

Faculty of Engineering & Technology
SGT University
Gurgaon (Haryana)

different layers, i.e., subgrade, sub base course, base course, and wearing/surface course, was explained by the engineers, and students asked their queries.



Students and Faculty Coordinator at L&T Airport Expansion Project Site



Students watching Project Demonstration



Site Manager sharing details required in Construction Project

List of Attendees

1. 221301002 RAHUL SHARMA
2. 221301004 RISHAB KUMAR
3. 221301006 SUMIT
4. 201301001 SUMUKH
5. 201301003 HARSHJYOT
6. 201301008 RANDEEP
7. 221316005 KALYAN CHOUDHARY
8. 201301005 SUBHAM DAS
9. 221316016 MOHIT

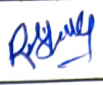
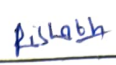

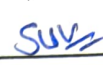
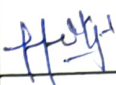



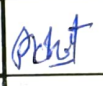
Shree Guru Gobind Singh Tricentenary University Haryana

Faculty of Engineering and Technology


Department: Civil Engineering

Event Title: Site visit of I&T Project site

Date: 22/4/2023

Sl. No	Enrollment no.	Name	Course/Semester	Signature
1	221301002	Rahul sharma	B.Tech.	
2	221301004	Rishab kumar	B.Tech.	
3	221301006	Sumit	B.Tech.	
4	201301001	Sumukh	B.Tech.	
5	201301003	Manshiyot	B.Tech.	
6	201301008	Randeep	B.Tech.	
7	221316009	Kalyan choudhary	M.Tech	
8	201301005	Subham Das	B.Tech.	
9	221316016	Mohit	M.Tech.	
10				
11				
12				
13				
14				
15				
Coordinator(s) (Name, Department and signature)				

HOD
 Department of Civil Engineering
 Faculty of Engineering & Technology
 SGT University
 Gurgaon


 Dr. Neeraj Jain
 Dept. of Civil Eng.


 Dean
 Faculty of Engineering & Technology
 SGT University
 Gurgaon (Haryana)