

## SCHOOL OF INFRASTRUCTURE

### DEPARTMENT OF CIVIL ENGINEERING

Ref. : 1141A/Dean(Sol)/0425

Date: 25.04.2025

### A REPORT ON GUEST LECTURE PROGRAM

Date: 09.04.2025

Time: 9.30 a.m. to 10.45 a.m.

#### I. Preamble:

A guest lecture on “**Applications of Geotechnical Engineering in Infrastructural Industries**” was organized by the Department of Civil Engineering, School of Infrastructure, in the department Seminar Hall of ES Block, B.S. Abdur Rahman Crescent Institute of Science & Technology on 09.04.2025. This event was supported by Institution's Innovation Council (IIC) of BSACIST.



In the name of Allah, the most Beneficent, the most Merciful

**School of Infrastructure**  
**Department of Civil Engineering**  
*in association with*  
**The Institution of Engineers (India)**  
Kancheepuram Local Centre  
*Organizes*

**GUEST LECTURE**  
on  
**"Applications of Geotechnical Engineering  
in Infrastructural Industries"**

 **April 09<sup>th</sup> 2025 (Wednesday)**  **09.30am**

 **Venue** **Seminar Hall, Civil Engineering Department**

**Guest Speaker**  
**Mr. Visakan Raju**  
Chief Engineering Manager,  
Heavy Civil Infrastructure, L&T Chennai

 **LARSEN & TOUBRO**

**Coordinator**  
**Dr. A. K. Kaliluthin, MIE**  
Associate Professor

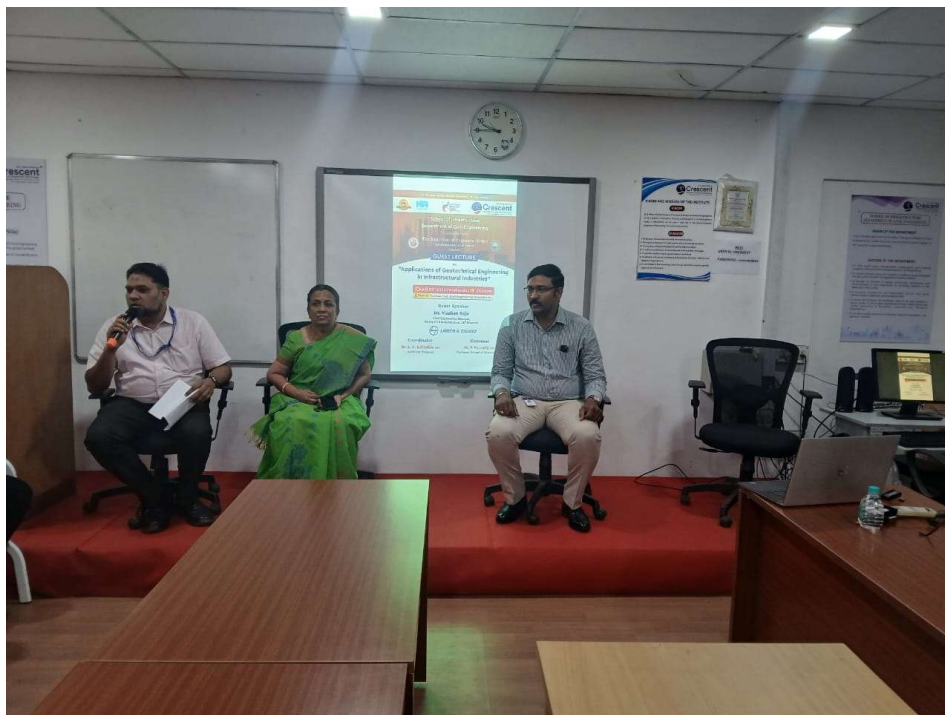
**Convener**  
**Dr. P. Vasanthi, FIE**  
Professor, School of Infrastructure

## II. ABOUT THE SPEAKER AND TOPIC

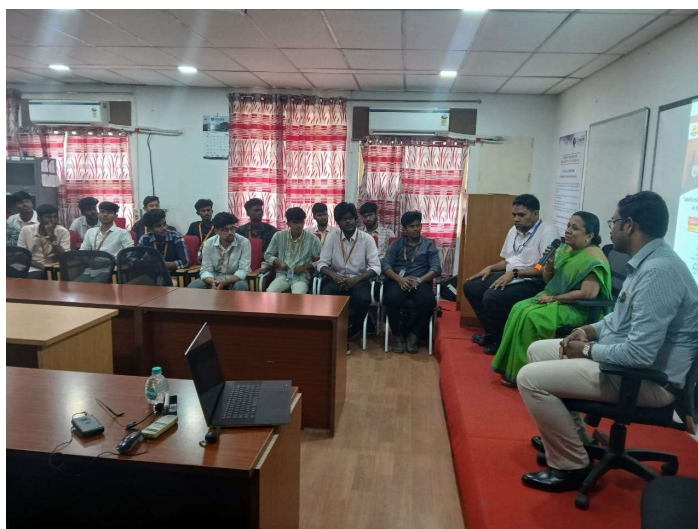
Mr. Visakan Raju, Chief Engineering Manager, Heavy Civil Infrastructure, L&T Chennai and Keynote Speaker delivered a lecture on the Topic: “Applications of Geotechnical Engineering in Infrastructural Industries”

## III. ABOUT THE SESSION:

Dr. P. Vasanthi, Professor welcomed the students and the chief guest. This guest lecture program was organized to equip students with practical insights and knowledge essential for excelling in the field of Geotechnical Engineering. The session focused on the real-world applications of geotechnical principles, highlighting key topics such as soil investigation techniques, foundation design, slope stability, ground improvement methods, and the critical role of geotechnical engineering in the planning and execution of large-scale infrastructure projects. Case studies from real time project was also presented, highlighting the importance of time management, environmental hazards and disasters such as flooding in Northern states of India during the construction of a 2 km span bridge.



*Dr. A. K. Kaliluthin Associate Prof. along with Dr. P. Vasanthi Prof/ Civil, School of Infrastructure, BSACIST, introducing the guest speaker Mr. Visakan Raju to the audience.*



*Photographs taken during the session*

The following are the details of the students attended the Guest lecture:

<b>B.Tech. Civil Engineering – II Year</b>		
<b>S. No</b>	<b>RRN</b>	<b>Name</b>
1.	230011601001	ABDUL AADHIL M
2.	230011601002	ABDUL RAHIM
3.	230011601003	AKRAM JAWEETH A
4.	230011601004	ARAVINTHAN THEIVARAJ
5.	230011601005	ARSHATH IBRAHIM S
6.	230011601007	IMRAN FARID A
7.	230011601008	JAMEEL AHAMED M
8.	230011601009	MAHALAKSHMI K
9.	230011601010	MOHAMED ASLAM S
10.	230011601011	MOHAMED SHADIQM
11.	230011601012	MOHAMED YASIN S
12.	230011601013	MOHAMMED AJMAL
13.	230011601014	MOHAMMED FAAIZ K
14.	230011601015	MOHAMMED MEHRAN P
15.	230011601016	MOHAMMED RAZEEN T
16.	230011601017	MOHAMMED SIDDIQ S
17.	230011601018	RAMEEZA YASMIN P K
18.	230011601019	ROSHAN ASFAQ
19.	230011601020	SAAD SAYEED SHAIKHA
20.	230011601021	SURYA MOORTHY M
21.	230011601022	SYED AHAMED K M
22.	230011601023	SYED MASOOTH
23.	230011601024	THOKCHOM WANGLEN MOILANGCHA
24.	230011601025	THYCUS MARIO VALANTINE D
25.	230011601026	YUKESH G
26.	230011602001	ABDUL ASIF M
27.	230011602002	ESAKKI RAJESH R
28.	230011602003	FASLAN AHAMED A
29.	230011602005	MOHAMED JASIM H
30.	230011602006	MOHAMED YUSUF IRFAN M
31.	230011602007	NAUFAL AHAMED
32.	230011602008	RITHVIK.K
33.	230011602009	MUHAMADHU SULTHAN S
34.	230011602010	DILEEP KUMAR S

<b>Master of Technology - Structural Engineering – I Year</b>		
1.	241202601001	DERRICK SHALVIN M.
2.	241202601002	GIRI RAVINDER M.
3.	241202601005	JESSICA JAMES
4.	241202601006	LAVANYA D.
5.	241202601007	C. G. LOHITH
6.	241202601010	WAQAS AHMAD SHEIKH



#### IV. OUTCOME

The speaker made the session highly engaging and emphasized the significance of geotechnical engineering in the successful execution of infrastructure projects. Throughout the session, the speaker explained various geotechnical applications and encouraged students to think critically about how theoretical concepts are applied in real-world construction scenarios.

By the end of the session, students were encouraged to identify specific areas within geotechnical engineering that interested them and reflect on how they could contribute to future infrastructural developments.

In a nutshell, the session provided valuable industry-oriented insights, guiding students towards building successful careers as geotechnical engineers in the infrastructural sector.



Dr. A. K. Kaliluthin  
**Associate Professor &  
Co-ordinator**



Dr. P. Vasanthi  
**Professor & Convener**



Dr. M.S. Haji Sheik Mohamed  
**Professor & Dean (Sol)**