



DEPARTMENT OF CIVIL ENGINEERING

REPORT ON ONE DAY SEMINAR

Topic of Seminar	:	Significance of Site Investigations in Civil Engineering Projects
Venue	:	Gayatri Vidya Parishad College for Degree and PG Courses (A), Rushikonda, Visakhapatnam
Date	:	28/01/2025
Organised By	:	Department of Civil Engineering,
Coordinator	:	Mrs. G. Sravani
Co-Coordinators	:	Miss S. Akhila, Mr.N. Manoj Kumar
No. of Participants	:	148

Introduction:

Department of Civil Engineering organized a one-day seminar on “**Significance of Site Investigations in Civil Engineering**” under the IGS Student Chapter on 28/01/25 at Gayatri Vidya Parishad College for Degree and P.G. Courses (A), Rushikonda. The seminar is aimed to highlight the critical role of site investigations in Geotechnical Engineering projects and featured insightful discussions by eminent speakers **Prof. C. N. V. Satyanarayana Reddy**, Professor, Department of Civil Engineering, and Director CSIC, Andhra University and **Dr. Abhishek Sakleshpur**, Ph.D., Purdue University.



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PG-MBA and UG Engineering B.Tech (CE, CSE, ECE, ME) programs are accredited by NBA



DEPARTMENT OF CIVIL ENGINEERING
in association with
Indian Geotechnical Society Visakhapatnam Chapter
Organizes

ONE DAY SEMINAR
on
Significance of Site Investigations in Civil Engineering Projects



Speaker
Prof.C.N.V. Satyanarayana Reddy
Department of Civil Engineering
Director CSIC
Andhra University, Visakhapatnam
Topic: Geotechnical Failures due to Lack of Proper Site Investigations



Speaker
Dr.Abhishek Sakleshpur, Ph.D.
Purdue University
Topic: Site Investigations in Civil Engineering: SPT and CPT



Date: 28-01-2025
Time: 11.00 am

Venue: Seminar Hall
(Room No-924)

Coordinator
G.Sravani

HOD
Dr.P.Jyotsna Devi

Director - E & T
Prof.P.V.Vinay

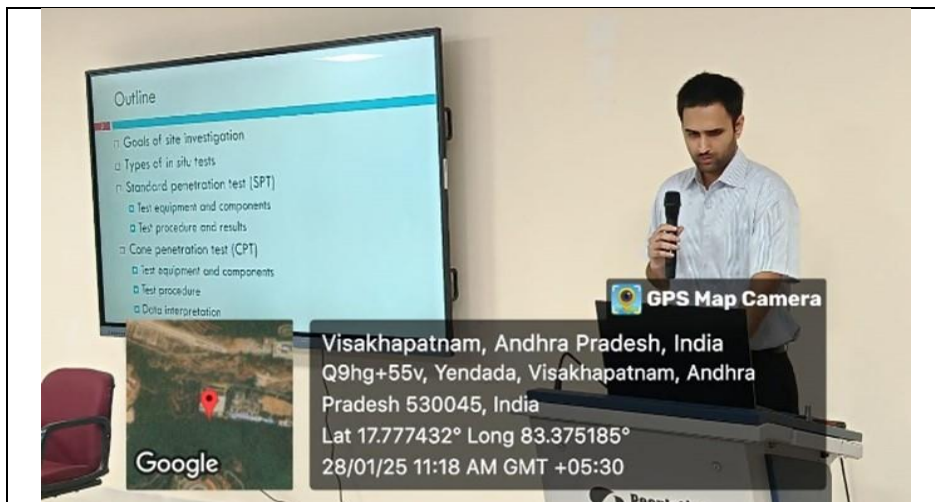
Principal
Prof.K.S.Bose

Final year student, B Sonika introduced the first session speaker **Dr. Abhishek Sakleshpur**. The speaker provided a detailed explanation of the Standard Penetration Test (SPT) and Cone



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Penetration Test (CPT) procedures as well as the importance of these tests in soil research. He talked about the benefits, drawbacks, and typical applications of these tests. He particularly emphasized the advantages of the CPT test over the SPT test. He describes the circumstances under which one test is better than the other.



The speaker for the second session was introduced by Mr. Subash, third year student. This session was led by **Prof. C. N. V. Satyanarayana Reddy**, who elaborated on the importance of geotechnical site investigations. He also discussed various types of shear failures and their implications on structural stability. Additionally, he shared insights from a few real-world case studies, illustrating the significance of thorough geotechnical investigations in preventing structural failures.



Following the technical sessions, an engaging Q&A session was conducted, where students and faculty actively participated. The speakers addressed various queries related to investigation methodologies, case studies, and recent advancements in geotechnical site investigations.



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The seminar concluded with a vote of thanks by K.Krithika, 3rd year student who expressed gratitude to the speakers, participants, and organizing committee for making the event a grand success. The event served as a valuable learning experience for students and professionals, enriching their understanding of the investigative processes essential in geotechnical engineering. Overall, the seminar provided a platform for knowledge exchange and technical discussions, reinforcing the significance of site investigations in civil engineering practices.