



JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

**WAKNAGHAT, P.O. – WAKNAGHAT,
TEHSIL – KANDAGHAT, DISTRICT – SOLAN (H.P.)
PIN – 173234 (INDIA) Phone Number- +91-1792-257999**
(Established by H.P. State Legislature vide Act No. 14 of 2002)



Event Report- Expert Lecture Webinar on ‘Geotechnical Site Investigation and Investigation Techniques’

Meet Link: <https://meet.google.com/bjn-yaj-s-ngu?hs=224>

You Tube Link: <https://youtu.be/mvxNPSrPbGQ?si=4XoZiEAUieSBKaKI>

Date: 20th December 2025

Time: 10:00 AM

A one-day technical expert lecture webinar was organized by Civil Engineering department JUIT in association with Indian Geotechnical Society Shimla chapter on 20th December. The national level event was organized and hosted by the secretary of IGS Shimla chapter Dr. Niraj Singh Parihar which witnessed participation from 90 attendees including faculty members, practicing engineers and contractors, research scholars and students. The webinar comprised of two lecture sessions from Mr. Sorabh Gupta (Director, Cengrs Geotechnica Pvt. Ltd.) and Dr. Abhishek Sakleshpur (Research Engineer, Cengrs Geotechnica Pvt. Ltd) over the theme of ‘Geotechnical Site Investigation and Investigation Techniques’. The event started with the welcome note by the IGS Shimla secretary and introduction of the speakers. Mr. Sorabh Gupta delivered the first lecture session over need of geotechnical site investigation and available techniques where he apprised over the process of site examination and its detailed geotechnical investigation using various modern tools. He also emphasized over the required changes in the structure of the geotechnical investigation and need of a proper soil investigation before commencement of the construction and presented case studies over the geotechnical investigations and implied solutions done by Cengrs Geotechnica in the recent past which ultimately resulted in reducing the overall foundation cost. Some of the failure studies in geotechnical engineering domains were also discussed by him.

Dr. Abhishek Sakleshpur delivered the second lecture session over detailed methodology and field applications of cone penetrometer testing where he explained the advancements over the conventional test and its ease of operation and wide applicability over variety of stratum types. He also explained the preciseness of the test, its static and dynamic result evaluations and emphasized on its time saving capacity over the other penetration testing methods for both shallow and deep foundation applications. Both the lecture sessions were followed by query and discussion sessions between the participants and the speakers. Dr. Niraj Singh Parihar extended



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his vote of thanks to both the speakers for their valuable and detailed inputs and concluded the event. The e-certificate of event participation were provided to the registered and attending candidates after taking the detailed feedback of the event from the participants through google forms.

Snapshots from the event

Occasionally: Catastrophic Failure

- Liabilities/Casualties
- Loss of life/property
- Reconstruction costs
- Legal hassles
- Negative publicity
- Spooks investors

Retention system collapse, Gurugram, 2025



Aguwani-Sultanganj bridge collapse, Bihar, 2023



Building collapse caused by metro TBM collision with an undetected aquifer, Kolkata, 2019



"You Pay for Site Investigations, Whether You Do It or Not" - Professor Littlejohn

Sorabh Gupta

Dr. Prakash Bhukya

Abhishek Sakleshpur

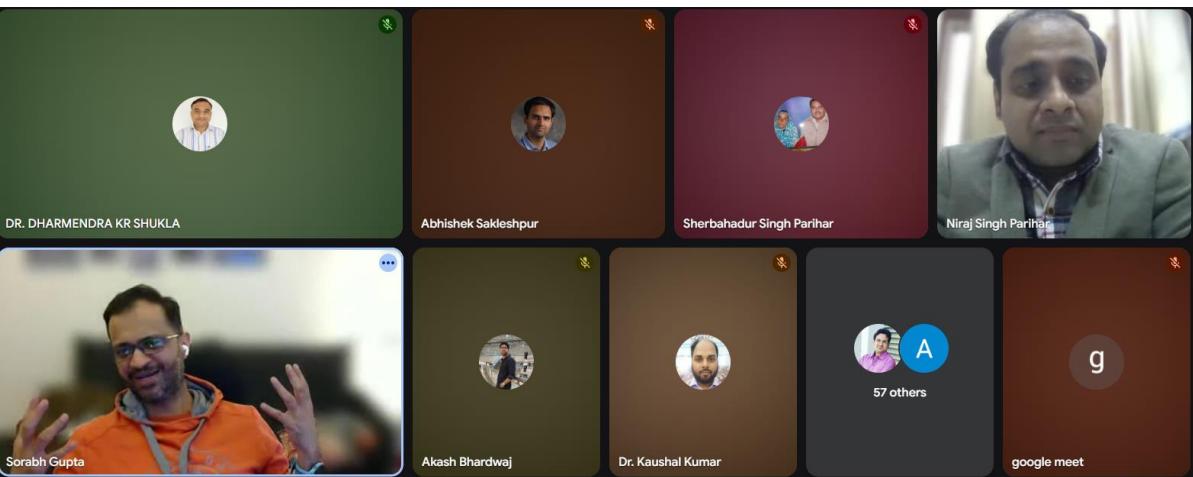
Sherbahadur Singh Parihar...

Niraj Singh Parihar

56 others

g

google meet



DR. DHARMENDRA KR SHUKLA

Abhishek Sakleshpur

Sherbahadur Singh Parihar

Niraj Singh Parihar

Sorabh Gupta

Akash Bhardwaj

Dr. Kaushal Kumar

57 others

g

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