

About IGS - IIT Tirupati Student Chapter

The Indian Geotechnical Society (IGS) - IIT Tirupati Student Chapter was established on April 25, 2025, under the Department of Civil & Environmental Engineering at IIT Tirupati, in collaboration with the IGS Tirupati Chapter. The chapter was formally inaugurated by Dr. Anil Joseph, President of IGS, marking the beginning of a platform dedicated to fostering interest, innovation, and excellence in geotechnical engineering among students and researchers. The chapter aims to serve as a hub for academic and professional interaction, organizing technical talks, workshops, and collaborative events that contribute to the development of future geotechnical engineers.

About Workshop

The workshop focuses on providing both theoretical and practical insights into subsurface exploration with emphasis on the Standard Penetration Test (SPT). The sessions include a lecture on improving the reliability of SPT, followed by a live demonstration of SPT testing and hammer energy measurement using the IIT Tirupati setup and the IISc SPT-HEMA system. The workshop offers a demo, exposure to N-value determination, and energy measurements essential for accurate site characterization. The program blends academic knowledge with practical experience in geotechnical investigations.

Resource Persons



Dr. P. Anbazhagan

Professor

Mr. Yadhunandan **Research Scholar Department of Civil Engineering**

IISc Bangalore



One-Day Workshop on Standard Penetration Test (SPT) Reinvented: Need for Energy Measurement

"Discover how small improvements make big differences in subsurface exploration"

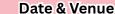


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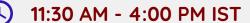
IGS - IIT Tirupati Student Chapter

Department of Civil & Environmental Engineering IIT Tirupati











Registration

Registration Link: https://forms.gle/d1YrsQW2wgpztcyo8

Offline

- > Students Rs. 600
- Academicians / Rs. 900 **Industrialists**

Online





Details of Workshop

Workshop divided into 3 session

Session - 1:11:30 AM - 12:30 PM (Introduction Lecture)

Session - 2:2:00 PM - 3:00 PM (Live Demo in Field)

(only for Offline Participants) --

Session - 3:3:00 PM - 4:00 PM

(Field data Discussion & Closing Remarks)





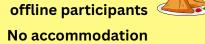
CONTACT US











unch and snacks for