



### 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

Department of Civil Engineering

IISc Bangalore



**Mr. Yadhunandan**

Research Scholar



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

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



**Organised by**

**IGS - IIT Tirupati Student Chapter**

Department of Civil & Environmental Engineering

IIT Tirupati



### Date & Venue



**September 27, 2025**



**11:30 AM - 4:00 PM IST**



**Hybrid Mode**

### Registration

**Registration Link:**

<https://forms.gle/d1YrsQW2wgpztcyo8>

### Offline

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

### Online

All participants  
**Rs. 250**

**Platform**  
**zoom**

### 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)  
(Recorded video will be share for online participants)

**Session - 3 : 3:00 PM - 4:00 PM** (Field data Discussion & Closing Remarks)

**Giveaway**



**E- Certificate**

**Note:**



**Lunch and snacks for offline participants**



**No accommodation**



**Scan to Register**

**LIMITED REGISTRATION**

**CONTACT US**

