

Program:

Day 1: QA/QC for Deep Foundations

09:00	Registration
09:30	QA/QC of Deep Foundations (pre- or during installation) Introduction - Why do we test?
11:00	Break
11:15	Wave mechanics - integrity, Stress, capacity calculations
13:00	Break/Lunch
13:45	PIT, PIT Software Training and discuss on case study.
15:15	Break
15:30	CSL and discuss on case study.
18:00	Adjournment

Day 2: Training

09:00	PDA Testing – Proper Practices
11:00	Break
11:15	Proper Practice Continued with application and interpretation of results
13:00	Break/Lunch
13:45	CAPWAP Theory
15:45	Break
16:00	CAPWAP Examples with case studies
18:00	Adjournment

Day 3: Training

09:00	SQUID, SHAPE, SPT Analyzer with case studies
11:00	Break
11:15	Assessment Quiz
12:00	Discussion - Issue certificate
12:45	Closing Address
13:00	Adjournment

Who should attend:

This seminar is suitable for those in the field of deep foundation testing and analysis and includes an overview of recent advances in non-destructive testing methods (load testing and integrity testing) of bored piles and driven piles. It is also suitable for:

- Consultants, owners, contractors and governmental officials who specify testing of deep foundations
- Geotechnical, structural and construction engineers
- Student and professors involved in the design, construction and specification of deep foundations
- Users of the Pile Driving Analyzer® (PDA) system and CAPWAP® software interested in sharpening their skills.
- Engineers, foundation testing professionals, students and professors already familiar with the basic concepts of deep foundation dynamic testing and analysis.
- Professionals who desire to have a basic understanding of the dynamic test results being presented to them.

Learning Objectives:

At the end of the one-day seminar, attendees should be able to:

- Understand basic concepts of various field testing applications including static tests, dynamic tests and other NDT methods (e.g. crosshole sonic logging, low strain integrity testing, thermal integrity profiling, calipers, SPT Energy Measurement and other inspection devices)
- Learn the advantages and limitations of various integrity and capacity methods in assessing bored piles and driven piles and choose the appropriate methods for analysis.
- Understand basic concepts of PDA testing and advancements in dynamic load testing of bored and driven piles.
- Operate the PDA in a manner conducive to acquiring good quality data
- Assess pile bearing capacity, pile driving stresses, hammer performance and pile integrity by various methods
- Avoid pitfalls when analyzing PDA data with the CAPWAP software
- Interpret PDA testing and CAPWAP software results
- Describe the soil-model used in CAPWAP
- Prepare the input for CAPWAP
- Review options for CAPWAP analysis and output
- Calculate bearing capacity and its distribution for driven piles

Website: www.sarathygeotech.com

Registration and payment

Contact : +91 98448754 38

For Details: <https://forms.gle/e32S5cTiKif6eoJH6>

“ We are the authorized technical partners of PDI USA in India ”