

QA/QC of Deep Foundation Testing

2 Days Exclusive Training Program on
QA/QC of Deep Foundation Testing
Now coming to Dubai!

About the course

This course covers key static and dynamic testing methods, Non-Destructive Testing (NDT) techniques like CSL, PIT, and TIP, along with the advantages and limitations of these methods. Participants will also explore PDA Testing Advancements, CAPWAP analysis, and strategies to avoid common pitfalls in deep foundation testing, providing essential skills for the geotechnical industry.

Why You Shouldn't Miss This Opportunity to Register?

- **Exclusive 2-Day Event:** Offered only once a year for a rare learning experience.
- **Hands-On Training:** Gain practical skills in high-strain dynamic and low-strain integrity testing.
- **Learn from Experts:** Get direct insights from industry leaders with extensive experience.
- **Career Boost:** Enhance your expertise and stand out in the field of foundation testing.
- **Limited Seats:** Secure your spot before it fills up!

Expert Speaker:

- **Dr.CR. Parthasarathy**, Founder & MD, SGES

Event Details:

- **Date :** 26th & 27th May'25
- **Venue:** Khalidia Palace Hotel, Dubai by Mourouj Gloria
- **Time:** 9.30AM - 6PM



[REGISTER NOW](#)



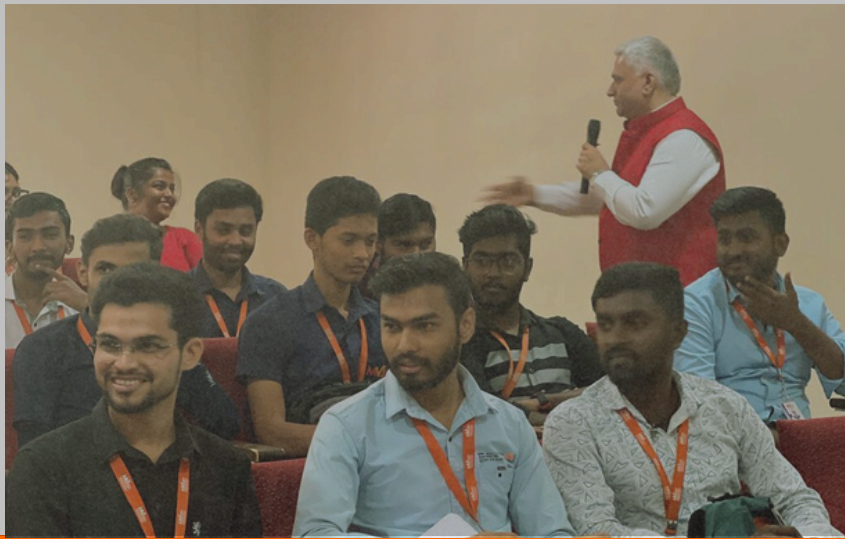
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Fee

- Training Program Fee: 1,200 AED (including VAT) (Early bird discount & Group Discounts available)
- Limited Seats only
- Date : 26th & 27th May'25
- Venue: Khalidia Palace Hotel, Dubai by Mourouj Gloria

Agenda

- QA/QC Methods Before Pouring Concrete
- Introduction to Pile Integrity Methods and Data Interpretation
- Wave Mechanics: Theory and Application
- Proper Practices in High-Strain Dynamic Testing
- Application and Data Interpretation, Including Quality Assessment
- CAPWAP Application and Software
- Pre & Post Assessment test

Who should attend?

- Consultants, owners, contractors & governmental officials who specify testing of deep foundation
- Geotechnical, structural and construction engineers
- Students & professors involved in the design, construction and specification of deep foundations
- Users of the Pile Driving Analyzers (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.

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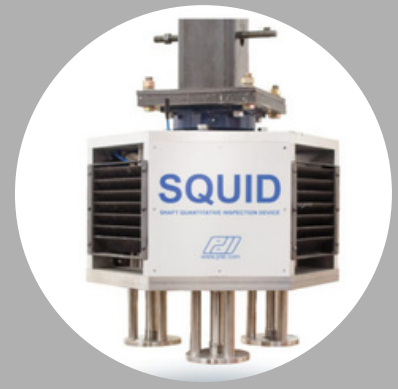
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Learning Objectives:

At the end of the 2 day seminar, attendees should be able to:

- Understand the basic concepts of various field testing applications including static tests, dynamic tests and other NDT methods (eg. crosshole sonic logging, low strain testing, thermal 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
- Introducing the efficient and cost effective approach to 100% verification for driven piles



Expert Speaker:



DR. CR. Parthasarathy, Founder & MD, SGES

Dr CR Parthasarathy is the founder Director of Sarathy Geotech & Engineering Services Pvt Ltd. He started his career as a Geotechnical Engineer in 1993. He was involved in numerous site investigation/engineering studies at various levels for multi-storeyed complexes, industrial buildings, embankments, bridges, water-retaining structures, subways, pavements, offshore platforms, pipelines, mobile drilling units etc. With a wealth of experience, he has developed extensive expertise in conducting thorough analyses of drilled shafts and bored piles, assessing their integrity and determining their load-carrying capacity. His impressive track record spans across significant infrastructure projects, both in India and abroad, showcasing his ability to tackle complex challenges on a large scale.

He has undertaken pile drivability studies, jack-up rig foundation investigations and design including jackup rig moves. He was involved in the pile installation, monitoring of several offshore platforms, and has served QA/QC Engineer for several onshore and offshore Geotechnical Investigations, His sphere of activities has extended beyond from India to South East Asia, middle East, Africa and USA

He is an authorised trainer of Pile Dynamics Inc, USA



We are the Technical Representatives of
Pile Dynamics Inc. USA .

TAQELL is the Exclusive Training partners of
Sarathy Geotech and Engineering Services Pvt Ltd.

Global Presence:

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