



Expert: Dr. C R Parthasarathy
Founder & MD, SGES

3 DAY EXCLUSIVE TRAINING
PROGRAM ON

Register
Now!

QA/QC OF DEEP FOUNDATION TESTING

JUNE 22, 23 & 24, 2023



@BANGALORE

TRAINING MODULES

DAY 1

Forenoon:

Pre-Training Assessment Quiz (30 mins)

Geotechnical Investigation: Good Practices (2 hours)

- Importance of Geotechnical Investigation
- Planning a Geotechnical Investigation program
- Different Methods (Merits and De-Merits)
- In-situ testing (tools, consumables, methods, precautions, and results)
- Emerging Methods
- Importance of Laboratory tests
- Ground characterization
- Interpretation of results
- Case studies

Standard Construction Practices and Challenges with case studies (1 hour)

- Site Challenges
- Proper practices
- Machinery/Tools & Tackles
- Challenges in Piling
- Safety in Construction

Load test methods and interpretation of results (1 hour)

- Overview of load test methods – Static Load Test, Bi-directional load test, and High Strain Dynamic Test
- Interpretation of results
- Case Studies

Afternoon:

Introduction to Deep Foundation Testing and Wave Mechanics (4 hours)

- Wave Mechanics: Wave Propagation Theory
- Capacity methods from PDA, End Conditions, Setup, Relaxation

TRAINING MODULES DAY 2

Forenoon :

Pile Integrity Methods and Data Interpretation (4 hours)

- Pile Integrity testing
- Cross-hole sonic logging test
- Thermal Integrity Profiling

Afternoon:

Proper Practices (2 hours)

Data Interpretation, Application, and Quality Assessment (2 hours)

TRAINING MODULES DAY 3

Forenoon:

Quality Assessment before pouring concrete (1 hour)

- Shaft Quantitative Inspection Device (SQUID)
- Shaft Area Profile Evaluator (SHAPE)

CAPWAP Theory (2 hours)

Equipment Demonstration (1 hour)

Afternoon :

CAPWAP Data Review and Problem Demonstration (2 hours)

Post-Assessment Quiz (30 mins)

Q&A, Closure (30 mins)

***All topics are explained with Real Time case studies**
***Hands on experience with Equipments**

Total Fee - Rs. 24,999 + GST

EARLY BIRD OFFERS (till 31st of May)

- Rs. 18,000 + GST for single individual registration
- Rs. 12,500 +GST per person for a group joining 3
- Special Package to organizations sending 3+ candidates

Lunch & Tea included

Special Announcement:

Limited slots available to Qualified and Unemployed Youth with Rural Backgrounds with EWS certificates .
Contact us separately for registration

Fill the registration form attached in the
content to book your slot

Venue:

TAQELL Edification Pvt Ltd, # 282-80, 10th Main, 3rd
Block, Jayanagar, Bengaluru – 560011

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