

#### **Expert: Dr. C R Parthasarathy**

#### Founder & MD, SGES

# 3 DAY EXCLUSIVE TRAINING PROGRAM ON Register Now! QAQCOF DEEP

### JUNE 22, 23 & 24, 2023





### TRAINING MODULES DAY 1

#### Forenoon:

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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)** ullet

- In-situ testing (tools, consumables, methods, precautions, and results) **Emerging Methods**
- Importance of Laboratory tests
- **Ground characterization**
- Interpretation of results ullet
  - **Case studies**

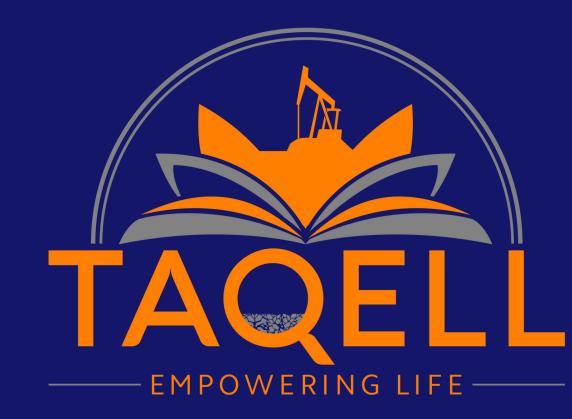
Standard Construction Practices and Challenges with case studies (1 hour)

- Site Challenges
- **Proper practices** ullet
- 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**



#### 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)  $\bullet$
- 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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