

INTENDED AUDIENCE

This workshop is intended for civil engineers and construction professionals needing an introductory understanding of laboratory tests on soil for foundation design.

COURSE FEE

Registration fee is Rs. 500

REGISTRATION DETAILS

Follow the following link:

<https://payments.billdesk.com/bdcolle ct/bd/nittkolkata/10074>

CONTACT US

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OBJECTIVES

This workshop will introduce you to the principles and practices of soil laboratory tests. You will learn about index property, permeability, consolidation, and shear strength tests. You will be introduced to In-situ soil testing methods. You will learn about laboratory equipment and test procedures.

TOPICS TO COVERED

- Discussion about Moisture Content and its application
- Discussion about the Specific Gravity test and its application
- Discussion about the Field Density test and its application
- Discussion about the Grain Size Analysis and its application
- Discuss the permeability of the soil and its application.
- Discussion about the consolidation of soil and its application.
- Discussion about the compaction of soil and its application.
- Discussion about triaxial, direct shear test.
- Insitu tests (Plate load test, Pile load test, PDA, SPT & DCPT tests)

SHORT TERM TRAINING PROGRAMME

On

GEOTECHNICAL INVESTIGATION FIELD & LABORATORY TESTING

Program Code: CU69C

ONLINE MODE

22 - 26 JULY, 2024



Organized by
Department of Civil Engineering

