

Civil Engineering
Department

23rd and 24th of Aug 2018



SMT. S. R. PATEL ENGINEERING COLLEGE

Field identification of soil

Workshop on field identification of soil at S.R.P.E.C campus

Objectives:

The main objective of the workshop was: i.) To study the identification of the soil in the field

ii.) To study the different types of tests used in the field to identify the soil

Expert:

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Asst. Prof.
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Workshop co-ordinator:

Prof. Smrithi A.
Civil Engineering
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Summary:

The workshop for 3rd semester (Civil Engineering) students have been accomplished at S.R.P.E.C Campus on 31st July 2018. The main objective of the workshop was: i.) To study the identification of the soil in the field. Which will be helpful in the field. To study the different types of tests used in the field to identify the soil by doing dilatancy test, toughness test, dry strength test etc.

Tests conducted

- i. visual identification of coarse grained and fine grained soil
- ii. Colour identification
- iii. Dilatancy test
- iv. Toughness test
- v Dry strength test
- vi. Dispersion test
- vii. Compressive test
- viii. Identification of organic content
- ix. Collection of different textural soil particles

IMMEMORABLE MOMENTS OF WORKSHOP



Sample collection and field testing at college campus

Workshop participants: 30 students , 3rd semester (Dept. of Civil Engineering)