

Civil Engineering
Department

31st July & 1st 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.
Smt. S.R.Patel Engineering College, Dabhi
Workshop co-ordinator:

Prof. Smrithi A.
Civil Engineering
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Summary:

The workshop for 5th 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

IMMEMORABLE MOMENTS OF WORKSHOP



Sample collection and field testing at college campus

Workshop participants: 52 students, 5th semester (Dept. of Civil Engineering)