

Civil Engineering
Department

06 to 08 Feb 2020



SMT. S. R. PATEL ENGINEERING COLLEGE

To start consultancy in Material Testing and Concrete Mix Design

3- Days Workshop on “To start consultancy in Material Testing and Concrete Mix Design”

Objectives:

The main objective of the workshop was: i) To study the various properties of concrete material. ii) To acquire knowledge of concrete mix design. iii) To acquire knowledge of documentation required for a consultancy.

Expert:

Prof. Vaibhav Kalpande

Prof. Vikram Gupta

Prof. Hiren V Patel

Workshop co-ordinator:

Prof. Vikram Gupta

Summary:

The workshop final year students of Diploma in Civil Engineering. The main intention of the workshop was: To give the field knowledge and hands of experience for the Diploma. Students. various tests conducted were

Tests conducted

1. Specific Gravity of FA,CA

2. Moisture content test

3. Water absorption test

4. Consistency test for cement

5. Initial and Final setting time of cement

6. Sieve analysis

7. Fineness of cement

8. Compressive test of concrete

9. Tensile strength of concrete

Concept of mix design of Concrete according to IS:10262-2019.

Knowledge of documentation was appreciated very much by students

IMMEMORABLE MOMENTS OF WORKSHOP



Workshop participants: 14 students, Diploma Students from Various Colleges