

DEPARTMENT : CIVIL SEMESTER : 3RD SUBJECT NAME: GEOTECNICAL ENGINEERING

**SUBJECT CODE: 3130606** 

**FACULTY NAME: PROF. MAYUR M HIRANI** 

## **GEOTECHNICAL ENGINEERING**

## **Assignment No: 3**

- 1. What do you mean by Compaction? Explain theory of Compaction.
- 2. List out all factors affecting Compaction. Explain each in detail.
- **3.** Explain in detail: Standard Proctor Test with neat sketches.
- **4.** Differentiate between Standard Proctor and Modified Proctor.
- **5.** Explain: Effects of Compaction on Properties of Soil.
- **6.** What do you mean by Placement water Content? Describe in detail.
- **7.** What is Proctor Needle? Explain with neat Sketches.
- **8.** What do you mean by Relative Compaction?
- **9.** What are the different methods of Compaction used in field? Explain each in detail.

COLLEGE OF ENGINEERING & TECHNOLOGY



DEPARTMENT : CIVIL SEMESTER : 3RD SUBJECT NAME: GEOTECNICAL ENGINEERING

**SUBJECT CODE: 3130606** 

**FACULTY NAME: PROF. MAYUR M HIRANI** 

