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|-----------------------|---|
| <b>INSTITUTE</b>      | <b>FACULTY OF TECHNOLOGY</b>                      |
| <b>PROGRAM</b>        | <b>BACHELOR OF TECHNOLOGY (CIVIL ENGINEERING)</b> |
| <b>SEMESTER</b>       | <b>7</b>  |
| <b>COURSE TITLE</b>   | <b>SUMMER INTERNSHIP</b>                          |
| <b>COURSE CODE</b>    | <b>01CI0710</b>                                   |
| <b>COURSE CREDITS</b> | <b>1</b>  |

**Objective:**

- 1 To do practice in different fields connected to Civil Engineering, like design, several aspects of construction, and management of a project
- 2 To develop skills of problem-solving and decision-making, teamwork and communication within a real engineering setting
- 3 To focused in specialized knowledge of industry standards, norms, and rules, gained at construction sites or working at an engineering company.
- 4 To have professional connections and mentorship for professional and academic advancement in the field of Civil Engineering.

**Course Outcomes:** After completion of this course, student will be able to:

- 1 Apply theoretical knowledge to generally related real-world civil engineering problems to strengthen our understanding of fundamental engineering concepts.
- 2 Determine familiarity with effective use of critical tools and software in the field for design, analysis, and project management processes.
- 3 Develop critical thinking and problem-solving skills by involving them in project planning, development, and post-mortem processes.
- 4 Employ professional skills and develop teamwork and communication skills by engaging with multi-disciplinary teams and industry stakeholders.

**Pre-requisite of course:** Preliminary knowledge of civil engineering subjects

**Teaching and Examination Scheme**

| <b>Theory Hours</b> | <b>Tutorial Hours</b> | <b>Practical Hours</b> | <b>ESE</b> | <b>IA</b> | <b>CSE</b> | <b>Viva</b> | <b>Term Work</b> |
|---------------------|-----------------------|------------------------|------------|-----------|------------|-------------|------------------|
| 0                   | 0                     | 0                      | 0          | 0         | 0          | 25          | 25               |

| <b>Contents : Unit</b> | <b>Topics</b> | <b>Contact Hours</b> |
|------------------------|---------------|----------------------|
| <b>Total Hours</b>     |               |                      |

**Suggested List of Experiments:**

| <b>Contents : Unit</b> | <b>Topics</b> | <b>Contact Hours</b> |
|------------------------|---------------|----------------------|
|------------------------|---------------|----------------------|

|                    |  |
|--------------------|--|
| <b>Total Hours</b> |  |
|--------------------|--|

**Suggested Theory Distribution:**

The suggested theory distribution as per Bloom’s taxonomy is as follows. This distribution serves as guidelines for teachers and students to achieve effective teaching-learning process

| Distribution of Theory for course delivery |                   |              |                |                 |   |
|--|-------------------|--------------|----------------|-----------------|---|
| <b>Remember / Knowledge</b>                | <b>Understand</b> | <b>Apply</b> | <b>Analyze</b> | <b>Evaluate</b> | <b>Higher order Thinking / Creative</b> |
| 5.00                                       | 20.00             | 15.00        | 20.00          | 10.00           | 30.00                                   |

**Instructional Method:**

- 1 Offline internship in industry - Student is supposed to produce joining letter and relieving letter once the internship is over in case of Offline internship in any industry.
- 2 Online internships – with organizations /institutions those are approved /supported / recommended by the All India Council of Technical Education for Internship (like Internshala NPTEL, Swayam, Coursera etc.)
- 3 Student has to prepare a detailed report & presentation and submit the report respective faculty. A copy of report can be kept in the department for record.
- 4 The presentation by student for Internship should in the presence of all students is desirable.
- 5 Student should produce successful completion certificate in case of summer internship in industry (Offline)