



**Lok Jagruti Kendra University**  
University with a Difference

# **Diploma in Civil Engineering**



**Course Code:025050506**

**Internship in Industry-I**

<b>Programme / Branch Name</b>		Diploma in Civil Engineering				
<b>Course Name</b>	Internship in Industry-I				<b>Course Code</b>	025050506
<b>Course Type</b>	HSSC	BSC	ESC	PCC	OEC	PEC

**Legends:** HSSC: Humanities and Social Sciences Courses  
 ESC: Engineering Science Courses  
 OEC: Open Elective Courses

BSC: Basic Science Courses  
 PCC: Program Core Courses  
 PEC: Program Elective Courses

## 1. Teaching and Evaluation Scheme

Teaching Hours / Week				Evaluation Scheme			
L	T	P	Total Credit	CCE	SEE (Th)	SEE (Pr)	TOTAL
0	0	10	5	50	-	50	100

**Legends:**

L: Lectures T: Tutorial P: Practical  
 CCE: Continuous & Comprehensive Evaluation  
 SEE (Th): Semester End Evaluation (Theory)  
 SEE (Pr): Semester End Evaluation (Practical)

## 2. Prerequisites

- ✓ Concrete Technology
- ✓ Building Planning and Drawing
- ✓ Buiding Materials
- ✓ Construction Technology

## 3. Rationale

Industrial training is an effective way to transfer the theoretical knowledge gained within the classroom to real field application. It will provide a platform for the students to get a close glimpse into the functioning of the industry and how real-life challenges are solved in the domain of civil and infrastructure engineering giving them the practical exposure. The main purpose of an internship is to provide hands-on practice to expose students to thinking about professional careers by observing and understanding the working of ongoing work in the industry and obtaining various types of skills throughout the internship program. Thus, three-week internship training in this semester will equip them with skill sets which is essential from the perspective of employability as well.

## 4. Objectives

- ✓ To expose students to the industrial environment.
- ✓ To provide opportunities to learn, understand and sharpen the real time technical or managerial skills required at the job.
- ✓ To get exposure to the current technological developments relevant to the subject area of training.
- ✓ To attain skill for writing technical report and prepare presentation.



## 5. Guidelines for Students

- ✓ Students would interact with the allocated faculty mentors to suggest their suitable industry/site.
- ✓ Students request letter/profile/interest areas must be submitted to industries for their willingness to providing the internship.
- ✓ Students have to fill the forms duly sealed and signed by authorities along with training order letter and submit it to the training officer in the industry on the first day of training.
- ✓ Students will have to get all the necessary information from the training officer regarding schedule of training, rules and regulations of the industry & they must follow these rules, regulations and procedures obediently.
- ✓ Students have to complete minimum two-three activities related to civil engineering within time of three weeks.
- ✓ During the training, students must maintain all records of all the information given in the log book.
- ✓ Students have to prepare a detailed report and presentations of their work done.
- ✓ Prepare a report about the training work for submission during the final presentation and viva.
- ✓ Students have to maintain proof of all the necessary works.

## 6. List of Publications

- 1) Indian Practical Civil Engineer's Handbook by P.N. Khanna, Engineers Publishers, New Delhi.
- 2) IS:456 – 2000 by Bureau of Indian Standard.
- 3) Design aid SP-16 by Bureau of Indian Standard.
- 4) IS:1200, Method of Measurement of Building and Civil Engineering Works.

## 7. Open Sources(Website, Video, Movie)

- 1) [www.nptel.ac.in](http://www.nptel.ac.in)
- 2) <http://www.youtube.com/@civilopedia7459>
- 3) <https://swayam.gov.in/>
- 4) <https://internshala.com/>
- 5) <https://neat.aicte-india.org/>
- 6) <https://www.coursera.org/>
- 7) <https://www.edx.org/>

