



Lok Jagruti Kendra University
University with a Difference

Diploma in Civil Engineering



Course Code:025050606

Internship in Industry-II

Programme / Branch Name		Diploma in Civil Engineering				
Course Name	Internship in Industry-II				Course Code	025050606
Course Type	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	20	10	100	-	100	200

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

- ✓ All civil engineering subjects.

3. Rationale

Civil engineering is a dynamic, complex and practice-oriented profession. The undergraduate experience is important for developing competencies for the civil engineering workforce. In addition to the classroom experience, internships can be impactful for student's learning opportunities to have hands-on experience, to apply their skills and knowledge, to experience a work environment, and to develop relationships with professionals. While internships have been studied in various disciplines, few studies have tried to understand how civil engineering students demonstrate their learning behaviors during an internship. The basic purpose for the internship is to prepare a student both theoretically as well as practically.

4. Objectives

- ✓ To encourage and provide opportunities for students to get professional/personal experience through internships.
- ✓ To create exposure for current technological developments relevant to the subject area of training.
- ✓ To apply the technical knowledge in real industrial situations.
- ✓ To expose students to the engineer's responsibilities and ethics.
- ✓ To become familiarize with various materials, processes, products and their applications along with relevant aspects of quality control.
- ✓ To learn, create / prepare report for framework as used in industry with productive and efficient way.
- ✓ To strengthen industry-institute linkage and increase employability of the students.



5. List of Practicals / Exercises

The practicals/exercises have been properly designed and implemented in an attempt to develop different types of skills so that students can acquire the competencies/programme outcomes. Total seven week training programme will be done. Following is the list of practicals/exercises.

Sr. No.	Practical / Exercises	Key Competency	Hours
1.	List of activities to be performed during internship: a) Survey work b) Earth work and foundation work c) Brick work & Plastering work d) Reinforcement and form work e) Concrete work f) Flooring work g) Plumbing and electric work h) Finishing work i) Documentation work	Students will Learn Skills related to Construction Works.	380
2.	Mid review report (word file and power point presentation) related to work done.	Mid Internship Evaluation	20
3.	Submit final comprehensive report of internship in industry. (Completion Certificate, Word file, PDF file, PPT along with log book)	Completion certificate and final report	20
Total Hours			420

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.

