



Lok Jagruti Kendra University
University with a Difference

Diploma in Electrical Engineering



Subject Code: 025070507
Industrial Internship-I

Programme / Branch Name		Diploma in Electrical Engineering				
Course Name	Industrial Internship-I				Course Code	025070507
Course Type	HSSC	BSC	ESC	PCC	OEC	PEC

Legends: HSSC: Humanities and Social Sciences Courses BSC: Basic Science Courses
 ESC: Engineering Science Courses PCC: Program Core Courses
 OEC: Open Elective Courses PEC: Program Elective Courses

1. Teaching and Evaluation Scheme

Teaching Hours / Week / Credits				Evaluation Scheme			
L	T	P	Total Credit	CCE	SEE (Th)	SEE (Pr)	Total
0	0	12	6	100	-	200	300

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

2. Rationale

Idea of Embedded Internships- AICTE has made 7-10 weeks internships mandatory in the new curriculum which will equip the students with practical understanding and training about industry practices in a suitable industry or organization. To make education holistic, sports, physical activities, values and ethics have been embedded in the curriculum.

We must agree that all Branches of Diploma Engineering are changing rapidly. New technologies are adding fast which effects can be seen in our society. Summer internship is a good option by which students to get flavor of such emerging technology and familiar with industry environment to identify scope and focus of their career development opportunities. Main objective of summer internship is hand-on practice to expose students for thinking about professional career by observing, understanding working mechanism of ongoing work of industry and to obtain various types of skills throughout internship program.

This four-week mandatory internship is to equip the students with practical knowledge and provide them exposure to real time industrial environments. Further, in these internships, the option is provided to do internship in Government Agencies/ skill centers/ social sector/ Govt. initiated social schemes/ NGOs etc. The duration of internship will be four weeks.

3. Objectives

- ✓ Learn and adopt the engineer's role and responsibilities with ethics.
- ✓ Get exposure to the industrial environment for professional activities.
- ✓ Get possible opportunities to learn, understand and sharpen the technical skills required for technical advancement.
- ✓ Develop managerial skills required for professional career.
- ✓ Attain skill for writing technical report and prepare poster for presentation.

List of Documents to be prepared for Submission:

- ✓ Detail report duly signed and approved by the internal/external mentor
- ✓ Presentation softcopy approved by the internal/external mentor
- ✓ Poster of summer internship activities approved by the internal/external mentor

4. Affective Domain Outcomes

The following affective Domain Outcomes (ADOs) are embedded in many of the above-mentioned COs. More could be added to fulfill the development of this course competency.

- a) Work as a leader/a team member as role of Engineer.
- b) Practice environmentally friendly methods and practices.

5. Suggested Student Activities

Following are the suggested student-related curricular, co-curricular activities which can be undertaken to accelerate the attainment of the various outcomes in this course: Students should perform following activities and prepare reports and give presentation in front of students and faculty members. They should also collect/record physical evidences for their (student's) portfolio which may be useful for their placement interviews:

- a) Perform various tasks given by industry resources person during offline internship.
- b) Perform various tasks given during online internship.
- c) Perform various task required to complete mini project work under guidance of faculty member.
- d) Internship program Interns are required to give a presentation before review committee consisting of a group of academic staff members.
- e) The review committee gives feedback and suggests possible improvements in the work.
- f) At the end of the program all the Internship program Interns make a poster presentation of the work carried out. The poster presentation is open to the public. It is also evaluated by faculty members.
- g) A completion certificate will be issued to all Internship program Interns only after the completion of internship tenure.