



Lok Jagruti Kendra University
University with a Difference

Diploma in Mechanical Engineering



Course Code: 025120604
Industrial Internship

Programme / Branch Name			Diploma in Automation & Robotics			
Course Name	Industrial Internship				Course Code	025120604
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				Evaluation Scheme			
L	T	P	Total Credit	CCE	SEE (Th)	SEE (Pr)	TOTAL
0	0	12	6	150	-	100	250

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

- ✓ Project

3. Rationale

To enhance the employability skills of the students, Industrial Training or Project work is very much essential. It provides practical experience in the field of Mechanical Engineering and helps to reinforce theoretical and practical knowledge gained in different core and elective courses to solve real-life challenges.

4. Objectives

- ✓ To create competent professionals for the industry.
- ✓ To provide possible opportunities to learn, understand and sharpen the real time technical / managerial skills required at the job.
- ✓ To give exposure of the current technological developments relevant to the subject area of training to the students.
- ✓ To learn applying the technical knowledge in real industrial situations.
- ✓ To gain experience in technical/project report writing.
- ✓ To give exposure to the students about responsibilities and ethics of the engineer.
- ✓ To become familiarize with various materials, processes, products and their applications along with relevant aspects of quality control.
- ✓ To understand the social, economic and administrative considerations that influence the working environment of industrial organizations.
- ✓ To understand the psychology of the workers and their habits, attitudes and approach to problem solving.
- ✓ To strengthen industry-institute linkage and increase employability of the students.



Guideline for Industrial Internship

- ✓ The duration of internship shall be a for six weeks.
- ✓ A plan for the whole internship duration shall be prepared after joining the industry in the consultation with the industry and institute mentors. It shall contain the activities/ visits to different sections etc. with appropriate timelines.
- ✓ A student should submit a brief proposal about the work to be carried out in the Internship to a department committee formed by head of department within one week, after starting the internship.
- ✓ A detailed daily diary (project workbook) is to be maintained by student. It shall be duly signed by the concerned supervisor of industry. It shall be submitted to the department at the time of final presentation and also as and when asked by the department.
- ✓ A comprehensive report is required to be prepared and submit to the department at the end of the semester. A certificate shall be attached with this report duly signed by the competent authority of the industry for the successful completion of the internship. Concerned department may also asked for an attendance report of the student.
- ✓ The internal evaluation shall be done during and at the end of the semester. The internal marks shall be allocated as decided by head of the department.
- ✓ Signed attendance report, progress report shall be sent to/presented to the department during the evaluation stages.
- ✓ The report shall be submitted to the institute which may include the objective of internship, about the industry, process, product line, equipment/machineries involved, divisions/sections in the industry, any competitor, scope of some improvement in the process/product/efficiency, benefit by the training etc.
- ✓ The industry supervisor may be invited at the time of internal and external examination of the internship. It can be an online presence also.
- ✓ The evaluation by external examiner shall be made considering the all guidelines.