

302055: Internship

TE-MECHANICAL ENGINEERING

- **Course Outcomes:**

- On completion of the course, learners should be able to
- CO1. **DEMONSTRATE** professional competence through industry internship.
- CO2. **APPLY** knowledge gained through internships to complete academic activities in a professional manner.
- CO3. **CHOOSE** appropriate technology and tools to solve given problem.
- CO4. **DEMONSTRATE** abilities of a responsible professional and use ethical practices in day to day life.
- CO5. **DEVELOP** network and social circle, and **DEVELOPING** relationships with industry people.
- CO6. **ANALYZE** various career opportunities and **DECIDE** career goals.

Duration:

- Internship is to be completed after semester 5 and before commencement of semester 6 of at least 4 to 6 weeks; and it is to be assessed and evaluated in semester 6.

Internship work Identification:

- Student may choose to undergo Internship at Industry/Govt. Organizations/NGO/MSME/Rural Internship/ Innovation/IPR/Entrepreneurship. Student may choose either to work on innovation or entrepreneurial activities resulting in start-up or undergo internship with industry/NGO's/Government organizations/Micro/Small/ Medium enterprises to make themselves ready for the industry.

- **Students must get Internship proposals sanctioned from college authority well in advance.** Internship work identification process should be initiated in the Vth semester in coordination with training and placement cell/ industry institute cell/ internship cell. This will help students to start their internship work on time. Also, it will allow students to work in vacation period after their Vth semester examination and before academic schedule of semester VI.

Internship Diary/ Internship Workbook:

- Students must maintain Internship Diary/ Internship Workbook. The main purpose of maintaining diary/workbook is to cultivate the habit of documenting. The students should record in the daily training diary the day-to-day account of the observations, impressions, information gathered and suggestions given, if any. The training diary/workbook should be signed every day by the supervisor.
- Internship Diary/workbook and Internship Report should be submitted by the students along with attendance record and an evaluation sheet duly signed and stamped by the industry to the Institute immediately after the completion of the training.

Internship Work Evaluation

- Every student is required to prepare and maintain documentary proofs of the activities done by him as internship diary or as workbook. The evaluation of these activities will be done by Program Head/Cell In-charge/ Project Head/ faculty mentor or Industry Supervisor based on- Overall compilation of internship activities, sub-activities, the level of achievement expected, evidence needed to assign the points and the duration for certain activities.
- Assessment and Evaluation is to be done in consultation with internship supervisor (Internal and External – a supervisor from place of internship)

- Recommended evaluation parameters-Post Internship Internal Evaluation -50 Marks + Internship Diary/Workbook and Internship Report - 50 Marks = 100 Marks

Evaluation through Seminar Presentation/Viva-Voce at the Institute

- The evaluation will be based on the following criteria:
- Depth of knowledge and skills
- Communication & Presentation Skills
- Team Work and Creativity
- Planning & Organizational skills
- Adaptability
- Analytical Skills
- Attitude & Behavior at work
- Societal Understanding
- Ethics
- Regularity and punctuality
- Attendance record
- Diary/Workbook
- Student's Feedback from External Internship Supervisor
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- After completion of Internship, the student should prepare a comprehensive report to indicate what he has observed and learnt in the training period.
- Internship Diary/workbook may be evaluated on the basis of the following criteria:
 - ● Proper and timely documented entries
 - ● Adequacy & quality of information recorded
 - ● Data recorded
 - ● Thought process and recording techniques used
 - ● Organization of the information

The report shall be presented covering following recommended fields but limited to,

- Title/Cover Page
- Internship completion certificate
- Internship Place Details- Company background-organization and activities/Scope and object of the study / Supervisor details
- Index/Table of Contents
- Introduction
- Title/Problem statement/objectives
- Motivation/Scope and rationale of the study
- Methodological details
- Results / Analysis /inferences and conclusion
- Suggestions / Recommendations for improvement to industry, if any
- Attendance Record
- Acknowledgement
- List of reference (Library books, magazines and other sources)

- **Feedback from internship supervisor(External and Internal)**

Thank You !