

<b>COURSE TITLE</b>	<b>INTERNSHIP</b>
<b>COURSE CODE</b>	<b>01ME0706</b>
<b>COURSE CREDITS</b>	<b>2</b>

**Objective:**

- 1 The aim of this course is to use the internship experience to enable students to develop their engineering skills and practice. The students will be placed in industry and assessed for academic credit. The internships will be aligned with the aims of the engineering program and its areas of specialization. Students will experience a real-life engineering workplace and understand how their engineering and professional skills and knowledge can be utilized in industry. They will also be able to demonstrate functioning engineering knowledge, both new and existing, and identify areas of further development for their future careers.

**Course Outcomes:** After completion of this course, student will be able to:

- 1 Apply appropriate workplace behaviors in a professional setting
- 2 Demonstrate and apply content knowledge appropriate to the job assignment
- 3 Demonstrate and analyze increased content knowledge gained through practical experience.
- 4 Analyze the nature and function of the organization in which the internship experience takes place.
- 5 Analyze and explain how the internship placement site fits into their broader career field.
- 6 Evaluate the internship experience in terms of their personal, educational, and career needs.

**Pre-requisite of course:**None

**Teaching and Examination Scheme**

<b>Theory Hours</b>	<b>Tutorial Hours</b>	<b>Practical Hours</b>	<b>ESE</b>	<b>IA</b>	<b>CSE</b>	<b>Viva</b>	<b>Term Work</b>
0	0	0	0	0	0	50	50

<b>Contents : Unit</b>	<b>Topics</b>	<b>Contact Hours</b>
1	<b>Orientation</b> • Introduction to the internship program, objectives, and expectations. • Overview of the host organization, its operations, and the role of mechanical engineering within the company. • Familiarization with workplace policies, safety regulations, and code of conduct.	0
2	<b>Technical Training:</b> • Training sessions on relevant software tools and simulation programs commonly used in the mechanical engineering industry • Hands on Training in industry using Equipments and machines for testing and experimentation. • Guidance and mentorship from industry professionals	0

<b>Contents : Unit</b>	<b>Topics</b>	<b>Contact Hours</b>
3	<b>Reporting</b> <ul style="list-style-type: none"> <li>• Regular reporting of project progress, findings, and outcomes as per the internship guidelines</li> <li>• Compilation of a comprehensive internship report detailing the projects undertaken, methodologies employed, challenges faced, and lessons learned</li> <li>• Presentation of internship experiences and project outcomes to faculty members, peers, and industry representatives</li> </ul>	0
4	<b>Assessment</b> <ul style="list-style-type: none"> <li>• Continuous evaluation based on project performance, technical skills, professional conduct, and participation in training activities</li> <li>• Submission and evaluation of internship reports and presentations</li> <li>• Feedback from industry mentors and supervisors</li> </ul>	0
<b>Total Hours</b>		<b>0</b>

#### **Suggested Theory Distribution:**

The suggested theory distribution as per Bloom's taxonomy is as follows. This distribution serves as guidelines for teachers and students to achieve effective teaching-learning process

Distribution of Theory for course delivery and evaluation					
<b>Remember / Knowledge</b>	<b>Understand</b>	<b>Apply</b>	<b>Analyze</b>	<b>Evaluate</b>	<b>Higher order Thinking / Creative</b>

#### **Instructional Method:**

- 1 Industrial training