

## NIRMA UNIVERSITY

<b>Institute:</b>	Institute of Technology
<b>Name of Programme:</b>	B.Tech. (All Programmes)
<b>Course Code:</b>	
<b>Course Title:</b>	Summer Internship
<b>Course Type:</b>	Core
<b>Year of introduction:</b>	2024-25

L	T	Practical Component				C
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### Course Learning Outcomes (CLO):

After successful completion of the course, the student will be able to –

1. perceive a better understanding of the engineering workplace (BL5)
2. adapt competencies necessary for the professional career (BL6)
3. value interpersonal and human relationship skills (BL5)
4. examine the prevailing industrial / research practices with sustainability measures (BL4)
5. build the foundation for industrial internship/research projects (BL3)

### Syllabus:

The Summer Internship for B Tech students is designed to provide hands-on, real-world exposure to industrial or research environments during the summer break between the sixth and seventh semesters. This six-week internship is aimed at bridging the gap between academic learning and professional practice. It enables students to apply theoretical knowledge to practical problems, understand industry expectations, and gain insights into professional work cultures and organizational structures.

During the internship, students are expected to get engaged in industrial practices or research activities under the guidance of industry professionals or researchers. This experience fosters an understanding of workplace dynamics, enhances technical and analytical skills, and develops problem-solving capabilities for the students. In addition, the students cultivate essential soft skills, including communication, teamwork, time management, and professional ethics. Exposure to the industry's sustainability practices also encourages students to consider environmental and social responsibilities in engineering decisions. It builds a solid foundation for future internships or final-semester internship/ research project.

At the end of the internship, the students are required to submit a detailed report outlining the work undertaken, experiences gained, and technical insights acquired. This will be accompanied by a presentation and a viva-voce, assessed by a panel of faculty members. Performance evaluations from the organization facilitating the internship, along with the conduct, punctuality, and contribution of the student's during the internship, will also be considered in final evaluation of the students.