

## Department of Mechanical Engineering


### Institute and Industry Collaboration





To bridge the gap between academic learning and contemporary industry practices, the Department of Mechanical Engineering has implemented a multi-faceted approach to foster robust industry-institute collaboration. Key initiatives include the joint delivery of core and elective courses by industry experts, establishment of industry-supported laboratories, organization of hands-on training programs, workshops, and industrial internships, and systematic analysis of outcomes for continuous curriculum enhancement.


These efforts aim to enhance student employability, promote experiential learning, and ensure alignment with the evolving needs of the aerospace and allied industries.

### List of Memoranda of Understanding (MoUs)

The department has signed formal MoUs with the following organizations to facilitate knowledge exchange, collaborative projects, industry internships, and faculty development:

S. No.	Organization Name	Objective	Industry Participation in Course Delivery	
1	NASSCOM Foundation	Academic-industry collaboration in foster innovation, entrepreneurship and industry -ready skill among student through tech-for-good and startup-oriented programs.	De The objective of industry participation in course delivery is to align academic learning with emerging industry needs by integrating industry-designed content, live projects, and expert mentorship into the curriculum, thereby enhancing practical skills employability and innovations.	

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2	Mekuva Technologies Private Ltd.	Skill-based training, education, and industry interaction.	Provides guest lectures offering insights into emerging technologies, industry expectations, and career opportunities.	
3	MSME TOOL ROOM , HYDERABAD	To enhance student's practical skills in tool design, manufacturing and product development by providing access to state of the art tool room facilities	Industry experts support academic delivery is delivery is to align academic learning with real world industry needs by integrating industry led teaching, project based learning, problem solving ability.	
4	SYNERGEM (Centre of Excellence)	Centre of Excellence in Welding and NDT Technologies, Training and ASNT Level-II certification & placements	Industry experts deliver elective subjects and provide classroom training on Welding and NDT Technologies as per AICTE norms	
5	National Center for Additive Manufacturing Foundation (NCAM)	In compliance with legal regulation and adhering to the principle of equality, mutual benefits, mutual trust, mutual assistance and complimentary advantages both organization agree to work to words a long term vision to develop self-	Industry experts co- teach the specific modules, labs, manufacturing, desing, software tools, to help the design syllabus projects, topics, real world projects	

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		sustainable ecosystems of Additive Manufacturing		
6	SVS HYDRAULIC PVT LTD	Intellectual property rights of any nature shall be transferred from svs hydraulics to institute	To enhance students practical understanding of hydraulic equipment, industrial machinery and system design through summer internship, guest lectures and industry liked training there by improving employability.	

Sd/-  
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