



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. B VIJAY KRISHNA	Department:	Mechanical Engineering
Regulation:	IARE - R20	Batch:	2021-2025
Course Name:	Engineering Tribology	Course Code:	AMEC24
Semester:	V	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Demonstrate surface topography, physio-chemical aspects of solid surfaces, and surface interactions of metallic and non-metallic materials to understand the nature of function.	3.00	2.20	2.8	Attained
CO2 Make use the laws of friction, mechanisms of friction, friction space and surface temperature for tribological applications.	3.00	2.30	2.9	Attained
CO3 List the various types of wears and wear measurements techniques.	3.00	2.30	2.9	Attained
CO4 Identify lubrication regimes based on nature of contact using lubrication standards such as ISO, SAE, AGMA, BIS standards and its applications.	3.00	2.20	2.8	Attained
CO5 Outline the importance of tribology in minimizing the factors influencing corrosion for protecting the surface coating applications.	3.00	2.20	2.8	Attained
CO6 Select the appropriate materials and its alloys based on composition for tribological applications.	3.00	2.20	2.8	Attained

Action Taken Report: (To be filled by the concerned faculty / course coordinator)


Course Coordinator


Mentor


Head of the Department
Mechanical Engineering
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