



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. B VIJAY KRISHNA	Department:	Mechanical Engineering
Regulation:	IARE - UG20	Batch:	2022-2026
Course Name:	Machine Design	Course Code:	AMEC28
Semester:	VI	Target Value:	60% (1.8)


Attainment of COs:

Course Outcome		Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Understand the lubrication processes of various surface contact bearings and their basic features, terminology and limitations for low speed applications.	2.70	2.30	2.6	Attained
CO2	Discuss the elemental design procedures for various IC engine parts for automobiles applications.	2.70	2.30	2.6	Attained
CO3	Apply the design procedures to calculate the performance of various belt and rope drives for improving transmission efficiencies.	3.00	2.30	2.9	Attained
CO4	Implement process of checking for dynamic and wear considerations for helical, bevel and worm gears.	2.30	2.40	2.3	Attained
CO5	Design of internal combustion engine component by applying the structural and thermal loads to meet the input design specifications using equilibrium equation.	2.70	2.30	2.6	Attained
CO6	Identify the kinematic synthesis for power transmission systems and their scope of application.	1.70	2.30	1.8	Attained

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


Course Coordinator


Mentor


Head of the Department
Head of the Department
Mechanical Engineering
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