



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT


Name of the faculty:	Mr. SAI KRISHNA CHADALLA	Department:	Aeronautical Engineering
Regulation:	IARE - R20	Batch:	2020-2024
Course Name:	Elements of Mechanical Engineering	Course Code:	AMEC35
Semester:	VI	Target Value:	60% (1.8)


Attainment of COs:

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Define Gas laws, Boyle's law, Charle's law, gas constant, relation between Cp and Cv, various non-flow processes like constant volume processes, constant pressure process, isothermal process, adiabatic process, polytropic process	3.00	2.40	2.9	Attained
CO2 Understand knowledge of formation of steam and use of steam table for identifying the various parameters at given conditions and apply to steam power plant.	3.00	2.30	2.9	Attained
CO3 Explain the working principle of Internal combustion engines and classification of 2-stroke engines and 4-stroke.	2.30	2.30	2.3	Attained
CO4 Demonstrate the working of pumps and air compressors and explain the refrigeration, types of refrigeration and air conditioning	2.30	2.30	2.3	Attained
CO5 Illustrate the concepts various metals cutting machines for lathe describe various driving mechanisms of lathe.	1.60	2.40	1.8	Attained
CO6 Select engineering materials, their properties, manufacturing methods for encountered in engineering practice.	2.30	2.30	2.3	Attained

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


Course Coordinator


Mentor


Head of the Department
Aeronautical Engineering
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