INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)
Dundigal, Hyderabad - 500043, Telangana

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. V PHANINDER REDDY	Department:	Aeronautical Engineering
Regulation:	IARE - R20	Batch:	2021-2025
Course Name:	Fluid Dynamics Laboratory	Course Code:	AAEC04
Semester:	III	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Interpret the concept of calibrating orifice and venturi meter for reducing the uncertainty in the discharge coefficient.	0.60	0.00	0.6	Not Attained
CO2	Make use of pipe friction test apparatus to measure the friction factor under a range of flow rates and flow regimes for calculating major loses in closed pipes	0.60	0.00	0.6	Not Attained
CO3	Demonstrate the verification of Bernoulli's theorem for incompressible steady continuous flow for regulating pipe flow across cross-section and datum	0.60	0.00	0.6	Not Attained
CO4	Identify the critical Reynolds number using Reynolds apparatus for illustrating the transition of laminal flow into turbulent flow	0.60	0.00	0.6	Not Attained
CO5	Make use of jet impact apparatus for investigating the reaction forces produced by the change in momentum	0.60	0.00	0.6	Not Attained
CO6	Distinguish the performance characteristics of turbo machinery under various operating conditions for calculating efficiency of turbines under specific applications	0.60	0.00	0.6	Not Attained

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

CO1: Additional Assignments are to be provided for better understanding of concepts.

CO2: Additional Assignments are to be provided for better understanding of concepts.

CO3: Additional Assignments are to be provided for better understanding of concepts.

CO4: Additional Assignments are to be provided for better understanding of concepts.

CO5: Additional Assignments are to be provided for better understanding of concepts.

CO6: Additional Assignments are to be provided for better understanding of concepts.

Course Coordinator

Mentor

Head of the Department

Head of the Department
Aeronautical
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