



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	G Satya Dileep	Department:	Aeronautical Engineering
Regulation:	IARE - R16	Batch:	2017 - 2021
Course Name:	Fluid Mechanics and Hydraulics Laboratory	Course Code:	AAE102
Semester:	III	Target Value:	77% (1.8)

Attainment of COs:

Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO 1 Interpret the concept of calibrating orifice and venturi meter for reducing the uncertainty in the discharge coefficient.	1.4	-	1.4	Attainment target is not yet reached
CO 2 Make use of pipe friction test apparatus to measure the friction factor under a range of flow rates and flow regimes for calculating major losses in closed pipes	1.4	-	1.4	Attainment target is not yet reached
CO 3 Demonstrate the verification of Bernoulli's theorem for incompressible steady continuous flow, for regulating pipe flow across cross section and datum	1.4	-	1.4	Attainment target is not yet reached
CO 4 Identify the critical Reynolds number using Reynolds apparatus for illustrating the transition of laminar flow into turbulent flow.	1.4	-	1.4	Attainment target is not yet reached
CO 5 Make use of jet impact apparatus for investigating the reaction forces produced by the change in momentum.	1.4	-	1.4	Attainment target is not yet reached
CO 6 Distinguish the performance characteristics of turbo machinery to various operating conditions for calculating efficacy of turbines under specific applications	1.4	-	1.4	Attainment target is not yet reached

Action taken report: (To be filled by the concerned faculty / course coordinator)

CO 1: Remedial lab sessions are planned in the evenings from 4:00 pm to 6:00 pm

CO 2: Remedial lab sessions are planned in the evenings from 4:00 pm to 6:00 pm

CO 3: Remedial lab sessions are planned in the evenings from 4:00 pm to 6:00 pm


CO 4: Remedial lab sessions are planned in the evenings from 4:00 pm to 6:00 pm

CO 5: Remedial lab sessions are planned in the evenings from 4:00 pm to 6:00 pm

CO 6: Remedial lab sessions are planned in the evenings from 4:00 pm to 6:00 pm


Course Coordinator


Mentor


Head of the Department
Aeronautical Engineering
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