



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:	2016 - 2020
Course Name:	Fluid Mechanics and Hydraulics Laboratory	Course Code:	AAE102
Semester:	III	Target Value:	75% (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.	3.0	0	3.0	Attainment target 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	3.0	0	3.0	Attainment target reached
CO 3	Demonstrate the verification of Bernoulli's theorem for incompressible steady continuous flow. for regulating pipe flow across cross-section and datum	3.0	0	3.0	Attainment target reached
CO 4	Identify the critical Reynolds number using Reynolds apparatus for illustrating the transition of laminar flow into turbulent flow.	3.0	0	3.0	Attainment target reached
CO 5	Make use of jet impact apparatus for investigating the reaction forces produced by the change in momentum.	3.0	0	3.0	Attainment target reached
CO 6	Distinguish the performance characteristics of turbo machinery to various operating conditions for calculating efficacy of turbines under specific applications	3.0	0	3.0	Attainment target reached

Action taken report:

Satya
Course Coordinator

Satya
Mentor

Head of the Department
Aeronautical Engineering
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