



AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. MARUTHUPANDIYAN K	Department:	Aeronautical Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	FLUID DYNAMICS LABORATORY	Course Code:	AAEB05
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.	0.90	0.00	0.9	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 losses in closed pipes	0.90	0.00	0.9	Not Attained
CO3 Demonstrate the verification of Bernoulli's theorem for incompressible steady continuous flow, for regulating pipe flow across cross section and datum	0.90	0.00	0.9	Not Attained
CO4 Identify the critical Reynolds number using Reynolds apparatus for illustrating the transition of laminal flow into turbulent flow.	0.90	0.00	0.9	Not Attained
CO5 Make use of jet impact apparatus for investigating the reaction forces produced by the change in momentum.	0.90	0.00	0.9	Not Attained
CO6 Distinguish the performance characteristics of turbo machinery to various operating conditions for calculating efficacy of turbines under specific applications	0.90	0.00	0.9	Not Attained

Action Taken:

- CO1: Digital content and videos are given in classes for a better understanding of concept.
- CO2: Digital content and videos are given in classes for a better understanding of concept.
- CO3: Digital content and videos are given in classes for a better understanding of concept.
- CO4: Digital content and videos are given in classes for a better understanding of concept.
- CO5: Digital content and videos are given in classes for a better understanding of concept.
- CO6: Digital content and videos are given in classes for a better understanding of concept.


Course Coordinator


Mentor


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