



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

CIVIL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Ms. NANNA SRI RAMYA	Department:	Civil Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	Hydraulic Engineering Laboratory	Course Code:	ACEB15
Semester:	V	Target Value:	60% (1.8)

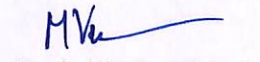
Attainment of COs:

	Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Utilize the concept of calibrating orifice and venturi meter to reduce the uncertainty in the discharge coefficient.	3.00	0.00	3	Attained
CO2	Make use of pipe friction test apparatus to measure the friction factor under a range of flow rates and flow regimes.	3.00	0.00	3	Attained
CO3	Demonstrate the verification of Bernoulli's theorem for incompressible steady continuous flow.	3.00	0.00	3	Attained
CO4	Identify the critical Reynolds number using Reynolds apparatus for illustrating the transition of laminal flow into turbulent flow.	3.00	0.00	3	Attained
CO5	Make use of jet impact apparatus for investigating the reaction forces produced by the change in momentum.	3.00	0.00	3	Attained
CO6	Utilize Weirs, Notch and orifice meter for determining the rate of discharge through external and internal flow system.	3.00	0.00	3	Attained

Action Taken:


Course Coordinator


Mentor


Head of the Department

Head of the Department
Civil Engineering
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