



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

CIVIL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. NANNA SRI RAMYA	Department:	Civil Engineering
Regulation:	IARE - UG20	Batch:	2022-2026
Course Name:	Hydraulics and Hydraulic Machinery Laboratory	Course Code:	ACEC12
Semester:	IV	Target Value:	70% (2.1)

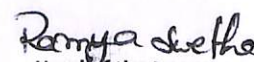
Attainment of COs:

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Recall the basic principle of fluid mechanics for determining their properties through various laboratory tests.	3.00	0.00	3	Attained
CO2 Determine coefficient of discharge for measuring actual discharge using different discharge measuring device.	3.00	0.00	3	Attained
CO3 Measure friction factor of pipe for calibration of losses in pipes	3.00	0.00	3	Attained
CO4 Examine coefficient of minor losses for verifying Bernoulli's equation	3.00	0.00	3	Attained
CO5 Determine impact of jet on vanes and study of hydraulic jump for finding the impact on both flat and curved surfaces and analysing hydraulic jump in open channel flow	3.00	0.00	3	Attained
CO6 Determine performance test of various turbines and pumps for evaluating the speed and energy required in running any hydro-electric scheme	3.00	0.00	3	Attained

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


Course Coordinator


Mentor


Head of the Department
Civil Engineering
INSTITUTE OF AERONAUTICAL ENGINEERING
Dundigal, Hyderabad - 500 043.