



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## CIVIL ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Ms. DURGA SHARMA	Department:	Civil Engineering
Regulation:	IARE - R18	Batch:	2018-2022
Course Name:	FLUID MECHANICS LABORATORY	Course Code:	ACEB10
Semester:	IV	Target Value:	60% (1.8)


#### 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:

  
Course Coordinator

  
Mentor

  
Head of the Department  
Head of the Department  
Civil Engineering  
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