



# INSTITUTE OF AERONAUTICAL ENGINEERING (Autonomous)

Dundigal, Hyderabad - 500 043  
CIVIL ENGINEERING

## ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	<b>Mr. Ch. Sudheer</b>	Department:	<b>CE</b>
Regulation:	<b>IARE - R16</b>	Batch:	<b>2016 - 2020</b>
Course Name:	<b>Fluid Mechanics and Hydraulic Machinery Laboratory</b>	Course Code:	<b>ACE107</b>
Semester:	<b>V</b>	Target Value:	<b>60% (1.8)</b>

### Attainment of COs:


Course Outcome		Direct attainment	Observation
CO1	Make use of pipe friction test apparatus to measure the friction factor under a range of flow rates and flow regimes.	3.00	Attainment target reached
CO2	Demonstrate the verification of Bernoulli's theorem for incompressible steady continuous flow.	3.00	Attainment target reached
CO3	Identify the critical Reynolds number using Reynolds apparatus for illustrating the transition of laminal flow into turbulent flow.	3.00	Attainment target reached
CO4	Make use of jet impact apparatus for investigating the reaction forces produced by the change in momentum.	3.00	Attainment target reached
CO5	Distinguish the performance characteristics of turbo machinery for various operating conditions.	3.00	Attainment target reached
CO6	Utilize Weirs, Notch and orifice meter for determining the rate of discharge through external and internal flow system.	3.00	Attainment target reached

Action taken report:

  
Course Coordinator

  
Mentor

HOD

  
Head of the Department  
Civil Engineering  
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