



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Mr. A. Somaiah	Department:	ME
Regulation:	IARE - R16	Batch:	2016 - 2020
Course Name:	Mechanics of Fluids and Hydraulic Machines Laboratory	Course Code:	AME108
Semester:	IV	Target Value:	60% (1.8)


Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Apply the Darcy's equation for finding friction factor in the square and circular pipes.	2.70	0.00	2.2	Attainment target reached
CO2	Analyze a variety of practical fluid-flow devices and utilize fluid mechanics principles in design.	2.70	0.00	2.2	Attainment target reached
CO3	Apply the principles of Bernoulli's equation in measurement of discharge in pipes, and in other pipe flow problems.	2.70	0.00	2.2	Attainment target reached
CO4	Experiment with the impact of fluid jet on vanes of turbines to estimate the performance of hydraulic turbines.	2.70	0.00	2.2	Attainment target reached
CO5	Illustrate the performance analysis and calculations in turbines can be used in power plants.	2.70	0.00	2.2	Attainment target reached
CO6	Design a pump for the given required flow rate and pressure rise, in order to select the proper pump to optimize the pumping efficiency.	2.70	0.00	2.2	Attainment target reached

Action taken report: In this course, all the CO's are attained. So no need to take corrective actions.


Course Coordinator


Mentor


Head of the Department
Mechanical Engineering
INSTITUTE OF AERONAUTICAL ENGINEERING
Dundigal, Hyderabad - 500 043
HOD