



# INSTITUTE OF AERONAUTICAL ENGINEERING (Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## MECHANICAL ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. G SHARATH RAJU	Department:	Mechanical Engineering
Regulation:	IARE - R18	Batch:	2018-2022
Course Name:	FLUID MECHANICS AND MACHINES	Course Code:	AMEB08
Semester:	IV	Target Value:	60% (1.8)

#### Attainment of COs:

Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1 Relate the basic properties, various types and patterns of fluid flow configurations that are encountered in fluid flows.	2.30	2.50	2.3	Attained
CO2 Apply the basic laws of conservation for various phenomena of fluid flow systems by understanding appropriate parametric assumptions and limitations.	2.30	2.40	2.3	Attained
CO3 Outline the regimes and separation of boundary layer during external fluid flow systems.	0.90	2.40	1.2	Not Attained
CO4 Compare the total and hydraulic gradient lines for distinct cases of losses during a closed conduit fluid flow systems.	1.00	2.40	1.3	Not Attained
CO5 Demonstrate the theories, cavitation phenomena and working principles of hydraulic turbines.	0.30	2.40	0.7	Not Attained
CO6 Make use of the dimensionless parameters, model analysis to analyze prototypes of hydraulic pumps.	0.30	2.50	0.7	Not Attained

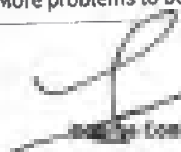
#### Action Taken:

CO3: More assignments to be given on boundary layer flows.

CO4: More assignments to be given on flow through pipes.

CO5: More problems to be solved on performance of hydraulic turbines.

CO6: More problems to be solved on performance of hydraulic pumps.

  
Coordinator

  
Mentor

  
Head of the Department

Head of the Department  
Mechanical Engineering  
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