INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)
Dundigal, Hyderabad - 500043, Telangana

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Dr. G SARAT RAJU**	Department:	**Mechanical Engineering**
Regulation:	**IARE - UG20**	Batch:	**2022-2026**
Course Name:	**Fluid Mechanics and Hydraulic Machines**	Course Code:	**AMEC12**
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.	1.00	2.10	1.2	Not Attained
CO2	Apply the basic laws of conservation for various phenomena of fluid flow systems by understanding appropriate parametric assumptions and limitations	2.00	2.20	2	Attained
CO3	Outline the regimes and separation of boundary layer during external fluid flow systems	0.90	2.20	1.2	Not Attained
CO4	Compare the total and hydraulic gradient lines for distinct cases of losses during a closed conduit fluid flow systems	1.70	2.20	1.8	Attained
CO5	Demonstrate the theories, phenomena and working principles of hydraulic machines	1.60	2.20	1.7	Not Attained
CO6	Make use of the dimensionless parameters, model analysis to analyze prototypes of hydraulic pumps.	2.70	2.20	2.6	Attained

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

CO1: Assignments to be given on the basic properties and types of fluid flows

CO3: Tutorials to be conducted on boundary layer during external fluid flow systems

CO5: More Problems to be solved on performance of hydraulic machines

Course Coordinator

Mentor

Head of the Department

Head of the Department
Mechanical Engineering
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