



INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

CIVIL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT


Name of the faculty:	Mr. CH VSS SUDHEER	Department:	Civil Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	FLUID MECHANICS	Course Code:	ACEB06
Semester:	IV	Target Value:	60% (1.8)

Attainment of COs:


	Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Recall basic principles and concepts of Fluid Mechanics for ascertaining differences between solids and fluids.	3.00	2.30	2.9	Attained
CO2	Utilize sound knowledge of fundamental properties of fluids and fluid continuum, principle of manometry, Archimedes's for measuring pressure and analysing hydro-static forces on various types of floating and immersed bodies	2.00	2.20	2	Attained
CO3	Interpret different types of fluid flows, concept of continuity equation for analyzing velocity potential functions and flownet	2.30	2.20	2.3	Attained
CO4	Make use of Euler's, Bernoulli's and Momentum equation for understanding concepts of dynamics of fluid flows	2.30	2.20	2.3	Attained
CO5	Understand the concept of Boundary layer theory, Navier-Stoke's Equations, Vonkarmen momentum integral equation for analysing fluid flow and estimating boundary layer thickness	2.00	2.20	2	Attained
CO6	Apply the principles of dimensional analysis for building the relation between model and prototypes	1.60	2.20	1.7	Not Attained

Action Taken:

CO6: Digital content, video lectures and Assignments are provided to understand the principles of dimensional analysis


Course Coordinator


Mentor


Head of the Department
Head of the Department
Civil Engineering
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