



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

CIVIL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Dr. G. Venkata Ramana	Department:	CE
Regulation:	IARE - R16	Batch:	2017 - 2021
Course Name:	Fluid Mechanics	Course Code:	ACE005
Semester:	IV	Target Value:	60% (1.8)

Attainment of COs:

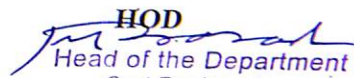
	Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Choose basic principles and concepts of Fluid Mechanics for ascertaining differences between solids and fluids.	0.60	2.60	1.0	Attainment target reached
CO2	Utilize sound knowledge of fundamental properties of fluids and fluid continuum, principle of manometry, Archimedes's for measuring pressure and hydro-static forces on various types of floating and immersed bodies.	0.60	2.10	0.9	Attainment target reached
CO3	Interpret different types of fluid flows, concept of continuity equation for analyzing velocity potential functions and flow net.	0.30	2.00	0.6	Attainment target reached
CO4	Make use of Euler's, Bernoulli's and Momentum equation for understanding concepts of dynamics of fluid flows.	0.60	2.50	1.0	Attainment target reached
CO5	Apply the concept of Boundary layer theory, Navier-Stoke's Equations, Vonkarmen momentum integral equation for estimating boundary layer thickness.	0.60	2.70	1.0	Attainment target reached
CO6	Examine the basic ideas of pipe flow, laws of fluid friction for determining fluid pressure and head at different nodes in pipe network.	0.60	2.70	1.0	Attainment target reached

Action taken report:

CO: Provide more learning resources on all topics of in this course and try spend more time on discussion of all example problems. So that students will have clear idea about the topics and students will gain more problem-solving skills.


Course Coordinator


Mentor


HOD
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