



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

CIVIL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Ms. Durga Sharma	Department:	CE
Regulation:	IARE - R16	Batch:	2016 - 2020
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.	2.40	2.40	2.4	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.	2.40	2.50	2.4	Attainment target reached
CO3 Interpret different types of fluid flows, concept of continuity equation for analyzing velocity potential functions and flow net.	1.70	2.60	1.9	Attainment target reached
CO4 Make use of Euler's, Bernoulli's and Momentum equation for understanding concepts of dynamics of fluid flows.	2.40	2.50	2.4	Attainment target reached
CO5 Apply the concept of Boundary layer theory, Navier-Stoke's Equations, Vonkarmen momentum integral equation for estimating boundary layer thickness.	2.10	2.60	2.2	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.	2.10	2.70	2.2	Attainment target reached

Action taken report:


Course Coordinator


Mentor


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