



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

CIVIL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. R RAMYA SWETHA	Department:	Civil Engineering
Regulation:	IARE - BT23	Batch:	2023-2027
Course Name:	Fluid Mechanics	Course Code:	ACED03
Semester:	III	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome		Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Interpret the basic concepts of fluid properties for understanding the fluid flow behaviour in various engineering applications.	3.00	2.30	2.9	Attained
CO2	Apply the principles of manometry and Archimedes Principle for identifying the point of force application on various types of floating and immersed bodies.	3.00	2.20	2.8	Attained
CO3	Utilize the conservation laws in differential forms for determining the various fluid flow parameters.	3.00	2.20	2.8	Attained
CO4	Analyze fluid flow with the mass and energy equations for determining analytical solutions of fluid flow problems.	3.00	2.20	2.8	Attained
CO5	Make use of the law of conservation of energy, Bernoulli's theorem for estimating total energy of different geometrical sections.	2.40	2.20	2.4	Attained
CO6	Examine the flow through pipes and fluid friction loss for determining fluid pressure and head at different nodes of the pipe network.	2.40	2.20	2.4	Attained

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


Course Coordinator


Mentor


Head of the Department
Head of the Department
Civil Engineering
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Dundigal, Hyderabad