



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## CIVIL ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Ms. DURGA SHARMA	Department:	Civil Engineering
Regulation:	IARE - R20	Batch:	2020-2024
Course Name:	Fluid Mechanics	Course Code:	ACEC03
Semester:	III	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.	2.30	2.30	2.3	Attained
CO2	Classify the fluids based on Newton's law of viscosity for calculating shear and viscosity of an incompressible fluids.	1.60	2.30	1.7	Not Attained
CO3	Interpret the principles of manometry and pressure for measuring gauge and differential pressures in fluids.	1.60	2.20	1.7	Not Attained
CO4	Make use of hydrostatic forces and Archimedes principle for locating the point of application of force on various types of floating and immersed bodies.	0.90	2.30	1.2	Not Attained
CO5	Utilize the conservation laws in differential forms for determining velocities, pressures and acceleration in a moving liquid.	0.90	2.30	1.2	Not Attained
CO6	Explain velocity potential, stream function for estimating the possibility of the flow.	0.90	2.30	1.2	Not Attained

#### Action Taken:

CO2: Giving assignments and conducting tutorials on Classifying the fluids based on Newton's law of viscosity for calculating shear and viscosity of an incompressible fluids.

CO3: Additional inputs will be provided on interpret the principles of manometry and pressure for measuring gauge and differential pressures in fluids.


CO4: Providing more information on applying the use of hydrostatic forces and archimedes principle for locating the point of application of force on various types of floating and immersed bodies.

CO5: Need to provide more problems on utilize the conservation laws in differential forms for determining velocities, pressures and acceleration in a moving liquid.

CO6: Giving assignments and conducting tutorials on explaining velocity potential, stream function for estimating the possibility of the flow.

  
Course Coordinator

  
Mentor

  
Head of the Department  
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