INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	**G Satya Dileep**	Department:	**Aeronautical Engineering**
Regulation:	**IARE - R16**	Batch:	**2017 - 2021**
Course Name:	**Fluid Mechanics and Hydraulics**	Course Code:	**AAE003**
Semester:	**III**	Target Value:	**55% (1.8)**

Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO 1	Identify the suitable pressure measuring devices for determining the flow properties in fluid systems.	1	2.4	1.3	Attainment target is not yet reached
CO 2	Utilize the concept of Similitude and Non Dimensional numbers for validating physical parameters of a designed prototype	1	2.3	1.3	Attainment target is not yet reached
CO 3	Apply the law of conservation of mass and momentum for obtaining numerical solutions of internal fluid flow systems	1	2.3	1.3	Attainment target is not yet reached
CO 4	Utilize the principle of Bernoulli equation for measurement of discharge in internal and external fluid flow systems	0.7	2.3	1.0	Attainment target is not yet reached
CO 5	Apply boundary layer theory for internal and external flow systems in determining drag forces and frictional losses.	1.3	2.3	1.5	Attainment target is not yet reached
CO 6	Classify the types of hydraulic machines based on working principle and performance characteristics for the selection in real world applications.	0	2.3	0.5	Attainment target is not yet reached

Action taken report: (To be filled by the concerned faculty / course coordinator)

CO 1: Digital content and assignments have to be increased.

CO 2: Remedial classes have been conducted.

CO 3: Remedial classes have been conducted.

CO 4: Digital content and videos given in classes for better understanding of concept.

CO 5: Application oriented problems may be given.

CO 6: Real time application may be better for attainment.

Course Coordinator **Mentor** **HOD**

Head of the Department
Aeronautical Engineering
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