



INSTITUTE OF AERONAUTICAL ENGINEERING  
(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. MARUTHUPANDIYAN K	Department:	Aeronautical Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	FLUID DYNAMICS	Course Code:	AAEB03
Semester:	III	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1 Identify the suitable pressure measuring devices for determining the flow measurements in fluid systems	0.30	2.10	0.7	Not Attained
CO2 Utilize the concept of Similitude and Non Dimensional numbers for validating physical parameters of a designed prototype	0.90	2.10	1.1	Not Attained
CO3 Apply the law of conservation of mass and momentum for obtaining numerical solutions of internal fluid flow systems	0.90	2.10	1.1	Not Attained
CO4 Utilize the principle of Bernoulli equation for measurement of discharge in internal and external fluid flow systems	2.30	2.00	2.2	Attained
CO5 Apply boundary layer theory for internal and external flow systems in determining drag forces and frictional losses.	2.30	2.10	2.3	Attained
CO6 Classify the types of hydraulic machines based on working principle and performance characteristics for the selection in real world applications.	2.30	0.00	1.8	Attained

Action Taken:


CO1: Digital content is given to enhance the knowledge

CO2: Additional reading materials are provided

CO3: Additional Assignments are given.

  
Course Coordinator

  
Mentor

  
Head of the Department

Head of the Department  
Institute of Aeronautical Engineering  
Dundigal, Hyderabad - 500043