INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)
Dundigal, Hyderabad - 500043, Telangana

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. V PHANINDER REDDY	Department:	Aeronautical Engineering
Regulation:	IARE - R20	Batch:	2020-2024
Course Name:	Fluid Dynamics	Course Code:	AAEC03
Semester:	III	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct attaiment	Indirect attaiment	Overall attaiment	Observation
CO1	Identify the suitable pressure measuring devices for determining the flow measurements in fluid systems	1.40	2.10	1.5	Not Attained
CO2	Utilize the concept of Similitude and Non Dimensional numbers for validating physical parameters of a designed prototype	0.70	2.10	1	Not Attained
CO3	Apply the law of conservation of mass and momentum for obtaining numerical solutions of internal fluid flow systems	1.60	2.10	1.7	Not Attained
CO4	Utilize the principle of Bernoulli equation for calculating the discharge in internal and open channel flows	2.00	2.10	2	Attained
CO5	Apply boundary layer theory for internal and external flow systems in determining drag forces and frictional losses.	1.70	2.10	1.8	Attained
CO6	Enumerate the major aircraft systems and their subsystems of civil Transport aircraft.	1.70	2.10	1.8	Attained

Action Taken:

CO1: Digital content and videos are given in classes for a better understanding of concept.

CO2: Extra inputs are given to enhance the knowledge in non-dimensional numbers.

CO3: Additional Assignments are given for conservation laws.

Course Coordinator

Mentor

Head of the Department