



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

**AEROSPACE ENGINEERING**  
**ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT**

Name of the faculty:	Mr. PEDDI DILLESWARA RAO	Department:	Aerospace Engineering
Regulation:	IARE - MT23	Batch:	2023-2025
Course Name:	Advanced Vehicle Aerodynamics	Course Code:	BAED01
Semester:	I	Target Value:	60% (1.8)


**Attainment of COs:**

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Relate the physics of the aerodynamic flow for predicting aerodynamics characteristics.	3.00	2.50	2.9	Attained
CO2	Demonstrate viscous effects of the aerodynamic flows by using Lifting Line theory, Lifting Surface theory.	3.00	2.30	2.9	Attained
CO3	Illustrate the boundary layer theory by using governing equations for getting drag of the system.	2.40	2.40	2.4	Attained
CO4	Analyze the relations between choices made early in the turbo machinery design process and the final components and operability.	2.60	2.80	2.6	Attained
CO5	Apply the Euler's equations for turbo machinery to analyze energy transfer in turbo machines	2.20	2.40	2.2	Attained
CO6	Analyze the aerodynamic performance of air vehicle by using the wind tunnel techniques.	1.80	2.20	1.9	Attained

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

  
Course Coordinator

  
Mentor

  
Head of the Department

Head of the Department  
Aeronautical Engineering  
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