



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. YAGYA DUTTA DWIVEDI	Department:	Aeronautical Engineering
Regulation:	IARE - BT23	Batch:	2023-2027
Course Name:	Aerodynamics and Propulsion Laboratory	Course Code:	AAED12
Semester:	IV	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Make use of various calibration techniques for assessing the flow quality in wind tunnel test section.	3.00	0.00	3	Attained
CO2	Examine the pressure distribution over airfoil, cylinder and flat plate for predicting their aerodynamics characteristics.	3.00	0.00	3	Attained
CO3	Utilize the six-component force balancer for deducing the forces and moments of aircraft model and hence obtaining the aircraft performance and stability.	3.00	0.00	3	Attained
CO4	Determine the pressure, temperature across each component gas turbine engine for predicting its thrust and performance characteristics.	3.00	0.00	3	Attained
CO5	Examine the performance characteristics of compressor, blower, propeller and nozzle for their efficient design	3.00	0.00	3	Attained
CO6	Identify the flash point, fire point and calorific value of different fuels for their suitability in aerospace applications.	3.00	0.00	3	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
INSTITUTE OF AERONAUTICAL ENGINEERING
Dundigal, Hyderabad - 500043