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

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. S SRIKRISHNAN	Department:	Aeronautical Engineering
Regulation:	IARE - R20	Batch:	2020-2024
Course Name:	Aerodynamics and Propulsion Laboratory	Course Code:	AAEC12
Semester:	IV	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Demonstrate the wind tunnel calibration for different speeds and velocity and verify by using Pitot Tube of Wind tunnel.	2.70	0.00	2.7	Attained
CO2	Analyse the pressure distribution of cylinder, symmetrical, and cambered airfoils at different angles of attack and flow speed by using subsonic wind tunnel.	2.70	0.00	2.7	Attained
CO3	Estimate the aerodynamic forces and moments of the different models for getting aerodynamic characteristics and performance.	2.70	0.00	2.7	Attained
CO4	Analyze the properties of fuels for determining the flash point, fire point and viscosity of fluids	2.70	0.00	2.7	Attained
CO5	Analyze the mechanical efficiency of gas turbine stages for designing futuristic gas turbine engines based on requirements	2.70	0.00	2.7	Attained
CO6	Estimate convective heat transfer coefficient under free and forced convection for distinguishing appropriate methods of cooling in aircraft engines.	2.70	0.00	2.7	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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