



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	G Sravanthi	Department:	Aeronautical Engineering
Regulation:	R16	Batch:	2016-20
Course Name:	Aerospace Propulsion Laboratory	Course Code:	AAE108
Semester:	VI	Target Value:	90% (1.8)

Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Analyze the properties of fuels for determining the flash point, fire point and viscosity of fluids	3.0	0.0	3.0	Attainment target reached
CO2	Analyze the mechanical efficiency of gas turbine stages for designing futuristic gas turbine engines based on requirements	3.0	0.0	3.0	Attainment target reached
CO3	Identify multiple parts of an aircraft engine for describing the detailed maintenance procedures	3.0	0.0	3.0	Attainment target reached
CO4	Estimate convective heat transfer coefficient under free and forced convection for distinguishing appropriate methods of cooling in aircraft engines	3.0	0.0	3.0	Attainment target reached
CO5	Classify different fuels based on calorific value using bomb calorimeter for selecting optimal fuel in solid rocket motors	3.0	0.0	3.0	Attainment target reached
CO6	Categorize the different types of nozzles by conducting nozzle performance analysis for predicting superlative profiles based on specific applications	3.0	0.0	3.0	Attainment target reached

Action taken report:


Course Coordinator


Mentor

Head of the Department
Aeronautical Engineering
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