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:	**2017-2021**
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	2.3	-	2.3	Attainment target reached
CO2	Analyze the mechanical efficiency of gas turbine stages for designing futuristic gas turbine engines based on requirements	2.3	-	2.3	Attainment target reached
CO3	Identify multiple parts of an aircraft engine for describing the detailed maintenance procedures	2.3	-	2.3	Attainment target reached
CO4	Estimate convective heat transfer coefficient under free and forced convection for distinguishing appropriate methods of cooling in aircraft engines	2.3	-	2.3	Attainment target reached
CO5	Classify different fuels based on calorific value using bomb calorimeter for selecting optimal fuel in solid rocket motors	2.3	-	2.3	Attainment target reached
CO6	Categorize the different types of nozzles by conducting nozzle performance analysis for predicting superlative profiles based on specific applications	2.3	-	2.3	Attainment target reached

Action taken report:

Course Coordinator **Mentor** **HOD**

Head of the Dept.
Aeronautical Engineering
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