



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## AEROSPACE ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. PRASANTA KUMAR MOHANTA	Department:	Aerospace Engineering
Regulation:	IARE - MT23	Batch:	2023-2025
Course Name:	Flight Dynamics and Control	Course Code:	BAED13
Semester:	II	Target Value:	60% (1.8)

#### Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Identify suitable air-breathing engine and operating system for the aircraft based on performance	2.20	2.20	2.2	Attained
CO2	Distinguish between the functions and performance parameters of inlets, nozzles, combustors and after burners for choosing desired devices to the aero engines.	3.00	2.50	2.9	Attained
CO3	Identify the performance characteristics of turbo machineries for their suitable selection in aircraft engines	3.00	2.40	2.9	Attained
CO4	Examine the working procedure of rocket propulsion system and components for selecting them based on mission profile	1.80	2.50	1.9	Attained
CO5	Classify the propellant grain structure for solid propellants to increasing the performances level.	2.20	2.30	2.2	Attained
CO6	Develop sub-systems and heat transfer systems in liquid propellant rocket for definitive deep space rocket propulsive design.	2.60	2.20	2.5	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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