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

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Mr. ATHOTA RATHAN**	Department:	**Mechanical Engineering**
Regulation:	**IARE - R18**	Batch:	**2018-2022**
Course Name:	**Airframe Structural Design**	Course Code:	**AAEB54**
Semester:	**V**	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Direct attaiment	Indirect attaiment	Overall attaiment	Observation
CO1	Understand the theoretical knowledge behind the design and development of aircrafts and spacecraft for distinguishing them based on the mission requirements.	2.70	2.30	2.6	Attained
CO2	Apply Newton's law of motion to determine the governing equations, for interpreting the physics of flow over an aircraft and spacecraft.	2.70	2.40	2.6	Attained
CO3	Identify the performance parameters of an aircraft and spacecraft based on the aerodynamic forces and moments acting on the body.	1.60	2.40	1.8	Attained
CO4	Classify different types of aircraft propulsion systems and the effect of operating variables on its performance.	1.60	2.30	1.7	Not Attained
CO5	Choose an appropriate airframe design to withstand all types of loads in different flight conditions	2.70	2.40	2.6	Attained
CO6	Design the advanced UAVS models like and flapping wing models and micro-aerial vehicles.	3.00	2.40	2.9	Attained

Action Taken:

CO4: More practice on different types of aircraft propulsion systems

Course Coordinator

Mentor

Head of the Department

Head of the Department
Mechanical Engineering
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