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

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. I SEETHA RAMA RAO	Department:	Aeronautical Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	Flight Vehicle Design	Course Code:	AAEB24
Semester:	VII	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Choose data collection for conceptual sketch from existingaircraft for understanding aerodynamic	3.00	2.20	2.8	Attained
CO2	Classify rubber engine sizing of a given fighter aircraft for calculating the take -off weights in order so that the aircraft meets all set requirements.	3.00	2.30	2.9	Attained
CO3	Make use of airfoil geometry and co-ordinates for obtaining the required 3D model by using designer tools like catiaV5.	3.00	2.20	2.8	Attained
CO4	Simplify the performance estimations involving design layout for calculating the variation of C L and CD at angle of attack.	2.30	2.20	2.3	Attained
CO5	Estimate take-off gross weight of simple cruise mission profile for calculatingthe empty weight fraction.	3.00	2.30	2.9	Attained
CO6	Identify the total drags on an aircraft and calculate the total weight, thrustand drag for exit pressure and Mach number for the given nozzle configurations	2.30	2.30	2.3	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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