



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Ms. K Sai Priyanka	Department:	Aeronautical
Regulation:	IARE - R16	Batch:	2017 - 2021
Course Name:	Flight Vehicle Design Laboratory	Course Code:	AAE112
Semester:	VII	Target Value:	85% (1.8)


Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Choose data collection for conceptual sketch from existing aircraft for understanding aerodynamic	2.3	-	2.3	Attainment target reached
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.	2.3	-	2.3	Attainment target reached
CO3	Make use of airfoil geometry and co-ordinates for obtaining the required 3D model by using designer tools like catiaV5.	2.3	-	2.3	Attainment target reached
CO4	Simplify the performance estimations involving design layout for calculating the variation of C L and CD at angle of attack.	2.3	-	2.3	Attainment target reached
CO5	Estimate take-off gross weight of simple cruise mission profile for calculating the empty weight fraction.	2.3	-	2.3	Attainment target reached
CO6	Identify the total drags on an aircraft and calculate the total weight, thrust and drag for exit pressure and Mach number for the given nozzle configurations	2.3	-	2.3	Attainment target reached

Action taken report: (To be filled by the concerned faculty / course coordinator)


Course Coordinator


Mentor


Head of the Department
Aeronautical Engineering
HOD
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