



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Ms. K SAI PRIYANKA	Department:	Aeronautical Engineering
Regulation:	IARE - R18	Batch:	2018-2022
Course Name:	Flight Vehicle Design Laboratory	Course Code:	AAEB26
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 existing aircraft for understanding aerodynamic performance requirements.	3.00	0.00	3	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	0.00	3	Attained
CO3 Make use of airfoil geometry and co-ordinates for obtaining the required 3D model by using designer tools like catiaV5.	3.00	0.00	3	Attained
CO4 Simplify the performance estimations involving design layout for calculating the variation of CL and CD at angle of attack.	3.00	0.00	3	Attained
CO5 Estimate take-off gross weight of simple cruise mission profile for calculating the empty weight fraction.	3.00	0.00	3	Attained
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.	3.00	0.00	3	Attained

Action taken report:


Course Coordinator


Mentor


Head of the Department
Aeronautical Engineering
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