



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	Course Code:	AAEB24
Semester:	VII	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
C01 Choose data collection for conceptual sketch from existing aircraft for understanding aerodynamic	2.70	2.40	2.6	Attained
C02 Classify engine sizing of a given fighter aircraft for calculating the take-off weights in order so that the aircraft meets all set requirements.	2.70	2.40	2.6	Attained
C03 Make use of airfoil geometry and co-ordinates for obtaining the required 3D model by using designer tools like catiaV5.	3.00	2.40	2.9	Attained
C04 Simplify the performance estimations involving design layout for calculating the variation of CL and CD at angle of attack.	2.70	2.40	2.6	Attained
C05 Estimate take-off gross weight of simple cruise mission profile for calculating the empty weight fraction.	2.70	2.40	2.6	Attained
C06 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	2.40	2.9	Attained

Action taken report:


Course Coordinator


Mentor


Head of the Department

Head of the Department
Aeronautical Engineering
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