



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Ms. G Swathi	Department:	Aeronautical Engineering
Regulation:	IARE - R16	Batch:	2016 - 2020
Course Name:	Flight Controls Laboratory	Course Code:	AAE107
Semester:	V	Target Value:	65% (1.8)

Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO 1	Demonstrate the accelerated and uncelebrated level flight by using MATLAB programming for steady and level flight and climb.	2.4	0	2.4	Attainment target reached
CO 2	Analyse the equations of motion in 1-D and 2-D uncelebrated and accelerated climb by using MATLAB for steady descent and take- off.	2.4	0	2.4	Attainment target reached
CO 3	Estimate the take-off and velocity and ground roll distance performance using simulator for the Cessna aircraft.	2.4	0	2.4	Attainment target reached
CO 4	Examine the operation of disturbed flight to trimmed flight with given mission profile for long and short period modes.	2.4	0	2.4	Attainment target reached
CO 5	Identify the spin recovery modes and level turn radius by using MATLAB for coordinated level turns of the aircraft.	2.4	0	2.4	Attainment target reached
CO 6	Compare the barrel roll and maneuverer and simple maneuverer by using simulator for the Cessna aircraft.	2.4	0	2.4	Attainment target reached

Action taken report:


Course Coordinator


Mentor

Head of the Department
Aeronautical Engineering
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HOD