INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	**Mr. P Anudeep**	Department:	**Aeronautical Engineering**
Regulation:	**IARE - R16**	Batch:	**201 7- 2021**
Course Name:	**Flight Controls Laboratory**	Course Code:	**AAE107**
Semester:	**V**	Target Value:	**75% (1.8)**
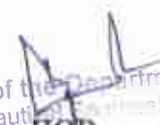
Attainment of COs:

	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.	2.3	-	2.3	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.	2.3	-	2.3	Attainment target reached
CO 3	Estimate the take-off and velocity and ground roll distance performance using simulator for the Cessna aircraft.	2.3	-	2.3	Attainment target reached
CO 4	Examine the operation of disturbed flight to trimmed flight with given mission profile for long and short period modes.	2.3	-	2.3	Attainment target reached
CO 5	Identify the spin recovery modes and level turn radius by using MATLAB for coordinated level turns of the aircraft.	2.3	-	2.3	Attainment target reached
CO 6	Compare the barrel roll and maneuverer and simple maneuverer by using simulator for the Cessna aircraft.	2.3	-	2.3	Attainment target reached

Action taken report:

Course Coordinator

Mentor

HOD