



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Ms. Suryawanshi Saraswathi	Department:	Aeronautical Engineering
Regulation:	IARE - R16	Batch:	2017 - 2021
Course Name:	Flight Control Theory	Course Code:	AAE018
Semester:	VIII	Target Value:	55% (1.8)

Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO 1	Demonstrate the basic concepts associated with control theory by using differential equations.	0.9	2.4	1.2	Attainment target not reached
CO 2	Analyze the control system performance for modelling of dynamic systems by using Fourier and Laplace transforms for getting response of control system.	0.9	2.4	1.2	Attainment target not reached
CO 3	Classify control problems for static control of aircraft and its extension to dynamic control using frequency transfer system.	0.9	2.4	1.2	Attainment target not reached
CO 4	Explain Control system components for single-input single –output and multiple-input multi-output systems.	0.9	2.4	1.2	Attainment target not reached
CO 5	Identify different responses of an aircraft control surfaces inputs for automatic flight control system using aircraft response functions.	1.6	2.4	1.8	Attainment target reached
CO 6	Illustrate flying qualities of aircraft in relation to aircraft transfer function with frequency and time response for fly by wire system.	0.9	2.4	1.2	Attainment target not reached

Action taken report:

CO 1: Digital content and assignments have to be increased.

CO 2: Remedial classes have been conducted.


CO 3: Remedial classes have been conducted.

CO 4: Digital content and videos given in classes for better understanding of concept.

CO 6: Real time application may be better for attainment.


Course Coordinator


Mentor


HOD
Head of the Department
Aeronautical Engineering
INSTITUTE OF AERONAUTICAL ENGINEERING
Dundigal, Hyderabad - 500 043