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:	**2016 - 2020**
Course Name:	**Flight Contol Theory**	Course Code:	**AAE018**
Semester:	**VIII**	Target Value:	**50% (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.	3.0	2.6	2.9	Attainment target 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.	3.0	2.6	2.9	Attainment target reached
CO 3	Classify control problems for static control of aircraft and its extension to dynamic control using frequency transfer system.	3.0	2.7	2.9	Attainment target reached
CO 4	Explain Control system components for single-input single –output and multiple-input multi-output systems.	3.0	2.5	2.9	Attainment target reached
CO 5	Identify different responses of an aircraft control surfaces inputs for automatic flight control system using aircraft response functions.	3.0	2.7	2.9	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.	3.0	2.7	2.9	Attainment target reached

Action taken report:

Course Coordinator **Mentor** **HOD**

Head of the Department
Aeronautical Engineering
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