



# 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:	2017 - 2021
Course Name:	Aircraft Systems and Controls	Course Code:	AAE010
Semester:	V	Target Value:	65% (1.8)

#### Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO 1	Illustrate the concept of aircraft systems and subsystems like airframe systems, vehicle systems, avionic system and mission systems by using concept of system theory and operating principles.	2.3	2.6	2.4	Attainment target reached
CO 2	Make use of electrical power generation and air-conditioning systems on the airplane for power distribution and to maintaining pressure and required temperature in the airplane.	3.0	2.6	2.9	Attainment target reached
CO 3	Identify the principle of operation of hydraulic and pneumatic system with its functions, merits, applications, design requirements and fluid properties for transforming the energy in different hydraulically operated systems.	3.0	2.6	2.9	Attainment target reached
CO 4	Demonstrate the working principle of aircraft engines its fuel systems and fuel control system for controlling of air and fuel flow in aero- engine.	1.6	2.6	1.8	Attainment target reached
CO 5	Develop the concept of automation in modern flight and engine control systems used in aircraft for safe and sustained flight.	2.3	2.6	2.4	Attainment target reached
CO 6	Examine the futuristic applications of modern control systems, avionics, and power generation systems used for aerospace applications for enhancing aircraft operations, safety and flight performance.	2.3	2.6	2.4	Attainment target reached

  
Course Coordinator

  
Mentor

  
Head of the Department  
Aeronautical Engineering  
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HOD