



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## AERONAUTICAL ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. KARUN KUMAR	Department:	Aeronautical Engineering
Regulation:	IARE - UG20	Batch:	2021-2025
Course Name:	Avionics and Instrumentation	Course Code:	AAEC50
Semester:	VIII	Target Value:	60% (1.8)

#### Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Make use of various electronic instrument and avionics systems used for the design of modern aircraft.	1.30	2.20	1.5	Not Attained
CO2	Analyze the fundamental principles of various types of sensors for monitoring the parameters in an aircraft.	0.60	2.20	0.9	Not Attained
CO3	Choose the working principles of various flight instruments in flight deck for monitoring the status of the flight in one integrated display	1.60	2.10	1.7	Not Attained
CO4	Develop the basic principle and various types of navigation systems for providing accurate position of a moving aircraft relative to the earth	0.90	2.20	1.2	Not Attained
CO5	Make use of the concept of various navigational aids that guide the pilot for landing the aircraft safely on a runway	0.90	2.20	1.2	Not Attained
CO6	Choose the working principle of different sensors, radars, transmitters and magnetometers for determination of dipole moment, position and attitude.	0.90	2.10	1.1	Not Attained

#### Action Taken Report: (To be filled by the concerned faculty / course coordinator)

CO1: Digital content and videos are given in classes for a better understanding of concepts.

CO2: Analyzed the basic working principles of different types of sensors used to monitor key parameters in an aircraft, such as speed, altitude, pressure, and temperature.

CO3: Additional reading materials are provided

CO4: Additional reading materials are provided

CO5: Digital content and videos are given in classes for a better understanding of concepts.

CO6: Digital content and videos are given in classes for a better understanding of concepts.

Course Coordinator

Mentor

Head of the Department

Head of the Department  
Aeronautical Engineering  
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