



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## AERONAUTICAL ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. K ARUN KUMAR	Department:	Aeronautical Engineering
Regulation:	IARE - UG20	Batch:	2020-2024
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.	2.30	2.10	2.3	Attained
CO2 Analyze the fundamental principles of various types of sensors for monitoring the parameters in an aircraft.	0.90	2.10	1.1	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	2.00	2.10	2	Attained
CO5 Make use of the concept of various navigational aids that guide the pilot for landing the aircraft safely on a runway	1.60	2.10	1.7	Not Attained
CO6 Choose the working principle of different sensors, radars, transmitters and magnetometers for determination of dipole moment, position and attitude.	1.00	2.10	1.2	Not Attained

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


CO2: Additional reading materials on fundamental principles of sensors and their monitoring is to be provided.


CO3: Digital content on instruments used for monitoring the status of the flight is to be provided.

CO5: Additional reading content on various navigational aids to guide the pilot are to be provided.

CO6: Digital content on transmitters and magnetometers for determining position and attitude is to be provided.

  
Course Coordinator

  
Mentor

  
Head of the Department  
Aeronautical Engineering  
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