



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

## AERONAUTICAL ENGINEERING

### ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	<b>Dr. Praveen Kumar Balguri</b>	Department:	<b>Aeronautical Engineering</b>
Regulation:	<b>IARE - R16</b>	Batch:	<b>2016 - 2020</b>
Course Name:	<b>Unmanned Air Vehicles</b>	Course Code:	<b>AAE506</b>
Semester:	<b>VII</b>	Target Value:	<b>70% (1.8)</b>

#### Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Demonstrate the knowledge of major sub-systems and basic design concepts for the development of unmanned air vehicle systems.	3.00	2.20	2.8	Attainment target reached
CO2	Illustrate the different types of airframe configurations available for unmanned air vehicle systems.	2.70	2.20	2.6	Attainment target reached
CO3	Analyze the attributes, performance, design issues, and compromises of different types of aircraft for UAV systems to select suitable aircraft.	2.70	2.10	2.6	Attainment target reached
CO4	Select a suitable power plant based on power generation systems for the given mission requirement.	2.30	2.20	2.3	Attainment target reached
CO5	Identify the appropriate communication and navigation systems for the UAVs as per the role requirements.	1.60	2.20	1.7	Attainment target is not yet reached
CO6	Categorize the different techniques used to achieve the control and stability of UAV systems.	1.30	2.70	1.6	Attainment target is not yet reached

#### Action taken report:

CO 5: Application oriented problems may be given.

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

Course Coordinator

Mentor

Head of the Department  
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