



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## AERONAUTICAL ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. PRAVEEN KUMAR BALGURI	Department:	Aeronautical Engineering
Regulation:	IARE - R18	Batch:	2018-2022
Course Name:	Unmanned Air Vehicles	Course Code:	AAEB32
Semester:	V	Target Value:	60% (1.8)

#### Attainment of COs:

Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1 Recall the functions of each major sub-systems of the unmanned air vehicle systems to select a suitable subsystem.	3.00	2.20	2.8	Attained
CO2 Demonstrate the knowledge of basic design phases for the development of unmanned air vehicle systems.	3.00	2.20	2.8	Attained
CO3 Utilize the knowledge of performance characteristics of UAV systems to select the suitable airframe design as per the mission requirement.	3.00	2.20	2.8	Attained
CO4 Demonstrate the knowledge of the different types of drag in fixed, rotary-wing aircraft and UAVs response to air turbulence in selecting the suitable airframe configuration.	3.00	2.20	2.8	Attained
CO5 Illustrate the different types of airframe configurations available for unmanned air vehicle systems.	3.00	2.20	2.8	Attained
CO6 Outline the scaling effects, package density, basic aerodynamics, and structures concepts used during the design of UAVs.	0.90	2.20	1.2	Not Attained

#### Action taken report:

##### CO6:

Digital content and videos are given in classes for a better understanding of concept.

  
Course Coordinator

  
Mentor

  
Head of the Department

Head of the Department  
Aeronautical Engineering  
INSTITUTE OF AERONAUTICAL ENGINEERING  
Dundigal, Hyderabad - 500 043