



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:	2019-2023
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.	0.90	2.20	1.2	Not Attained
CO2 Demonstrate the knowledge of basic design phases for the development of unmanned air vehicle systems.	0.90	2.10	1.1	Not Attained
CO3 Utilize the knowledge of performance characteristics of UAV systems to select the suitable airframe design as per the mission requirement.	0.60	2.20	0.9	Not 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.	0.90	2.20	1.2	Not Attained
CO5 Illustrate the different types of airframe configurations available for unmanned air vehicle systems.	0.90	2.20	1.2	Not 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: (To be filled by the concerned faculty / course coordinator)

CO1: Additional reading materials are provided about UAV.

CO2: Additional reading materials are provided about UAV.

CO3: Additional reading materials are provided for better understanding of UAV Systems.

CO4: Extra inputs are given to enhance the knowledge in airframe selection.

CO5: Additional reading materials are provided on airframe configuration on UAV.

CO6: Additional reading materials are provided about UAV.

Course Coordinator

Mentor

Head of the Department
Aeronautical Engineering

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