

**INSTITUTE OF AERONAUTICAL ENGINEERING**

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

AERONAUTICAL ENGINEERING**ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT**

Name of the faculty:	Dr. BODAVULA ASLESHA	Department:	Aeronautical Engineering
Regulation:	IARE - UG20	Batch:	2021-2025
Course Name:	Unmanned Air Vehicles	Course Code:	AAEC42
Semester:	VII	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Demonstrate the knowledge of basic design phases for the development of unmanned air vehicle systems.	2.70	2.10	2.6	Attained
CO2	Utilize the knowledge of performance characteristics of UAV systems to select the suitable airframe design as per the mission requirement.	0.60	2.10	0.9	Not Attained
CO3	Illustrate the different types of airframe configurations available for unmanned air vehicle systems.	0.90	2.20	1.2	Not Attained
CO4	Outline the scaling effects, package density, basic aerodynamics, and structures concepts used during the design of UAVs.	0.90	2.10	1.1	Not Attained
CO5	Select a suitable power-plant based on power generation systems for the given mission requirement.	0.90	2.10	1.1	Not Attained
CO6	Analyze the attributes, performance, design issues, and compromises of different types of aircraft for UAV systems to select suitable aircraft.	0.90	2.10	1.1	Not Attained

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

CO2: Digital content and videos are given in class for better understanding of concept

CO3: Additional materials are provided

CO4: Outlined the effects of scaling, package density, basic aerodynamics, and structural concepts involved in the design and development of UAVs.

CO5: Additional materials are provided

CO6: Digital content and videos are given in class for better understanding of concept

Aslesha
Course Coordinator

Senth
Mentor

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