INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)
Dundigal, Hyderabad - 500043, Telangana

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Ms. D KARUNA KUMARI**	Department:	**Aeronautical Engineering**
Regulation:	**IARE - R20**	Batch:	**2020-2024**
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.	3.00	2.10	2.8	Attained
CO2	Utilize theknowledge of performance characteristics of UAV systems to select the suitable airframe design as per the mission requirement.	2.30	2.10	2.3	Attained
CO3	Illustrate the different types of airframe configurations available for unmanned air vehicle systems.	0.90	2.10	1.1	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.	0.60	2.10	0.9	Not Attained

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

CO3: Digital content on selecting airframe configurations and their effects are to be provided for better understanding.
CO4: Additional reading content on the design of UAVs is to be provided.
CO5: Digital content on power plant selection in UAVs is to be provided.
CO6: Additional reading material on understanding performance and design issues is to be provided.

Course Coordinator | **Mentor** | **Head of the Department**

Head of the Department
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