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

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Dr. JULURU SANDEEP**	Department:	**Aeronautical Engineering**
Regulation:	**IARE - UG20**	Batch:	**2022-2026**
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.	1.60	2.20	1.7	Not Attained
CO2	Utilize theknowledge of performance characteristics of UAV systems to select the suitable airframe design as per the mission requirement.	1.60	2.20	1.7	Not Attained
CO3	Illustrate the different types of airframe configurations available for unmanned air vehicle systems.	2.30	2.20	2.3	Attained
CO4	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
CO5	Select a suitable power-plant based on power generation systems for the given mission requirement.	1.60	2.20	1.7	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	2.20	1.2	Not Attained

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

CO1: Conducted revision lectures on UAV design life cycle and design phases
CO2: Explained key UAV performance parameters related to mission requirements
CO4: Conducted focused lectures on scaling laws and package density effects
CO5: Explained different UAV power-plant and power generation systems
CO6: Conducted lectures on UAV classification and performance trade-offs

Course Coordinator

Mentor

Head of the Department

Head of the Department
Aeronautical Engineering
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