



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. YAGYA DUTTA DWIVEDI	Department:	Aeronautical Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	Aircraft Systems	Course Code:	AAEB21
Semester:	VI	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1 Develop the concept of aircraft systems and subsystems like airframe systems, vehicle systems, avionic system and mission systems by using concept of system theory and operating principles.	1.60	2.30	1.7	Not Attained
CO2 Make use of electrical power generation and air-conditioning systems on the airplane for power distribution and to maintaining pressure and required temperature in the airplane.	0.90	2.20	1.2	Not Attained
CO3 Identify the principle of operation of hydraulic and pneumatic system with its functions, merits, applications, design requirements and fluid properties for transforming the energy in different hydraulically operated systems.	2.30	2.20	2.3	Attained
CO4 Apply the working principle of aircraft engines its fuel systems and fuel control system	0.90	2.20	1.2	Not Attained
CO5 Develop the concept of automation in modern flight and engine control systems used in aircraft for safe and sustained flight.	0.90	2.20	1.2	Not Attained
CO6 Examine the futuristic applications of modern control systems, avionics, and power generation systems used for aerospace applications for enhancing aircraft operations, safety and flight performance.	0.90	2.20	1.2	Not Attained

Action Taken:

CO1: Digital content and videos are given in classes for a better understanding of concept.

CO2: Additional reading materials are provided


CO4: Extra inputs are given to enhance the knowledge

CO5: Additional Assignments are given

CO6: Digital content is given to enhance the knowledge


Course Coordinator


Mentor


Head of the Department

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