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

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Ms. MADHURAKAVI SRAVANI	Department:	Aeronautical Engineering
Regulation:	IARE - R18	Batch:	2018-2022
Course Name:	ENGINEERING THERMODYNAMICS	Course Code:	AAEB02
Semester:	III	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct attaiment	Indirect attaiment	Overall attaiment	Observation
CO1	Interpret the thermodynamic processes and energy conversions in physical systems based on fundamental laws of thermodynamics for identifying the significance of energy.	1.30	2.20	1.5	Not Attained
CO2	Make use of heat to work conversion and thermodynamic direction laws involved in heat engines and heat pumps for deriving their efficiency and coefficient of performance.	1.30	2.20	1.5	Not Attained
CO3	Utilize thermodynamic laws and entropy to describe the properties of pure substances and mixtures of perfect gases for examining the unavailability in any given system.	0.60	2.20	0.9	Not Attained
CO4	Choose the properties of refrigerants and practicing of psychrometric charts for solving the complex problems of refrigeration and air conditioning.	0.60	2.10	0.9	Not Attained
CO5	Illustrate the working principles of air standard cycles and its performance characteristics for recognizing the suitable engines in aeronautical and automobile applications.	0.90	2.20	1.2	Not Attained
CO6	Summarize the basics of heat transfer, working principle of gas compressors and heat exchangers for relating their applications in aerospace engineering.	0.60	0.00	0.5	Not Attained

Action taken report:

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

CO2:
Extra inputs are given to enhance the knowledge .

CO3:
Additional reading materials are provided.

CO4:
Extra inputs are given to enhance the knowledge of refrigeration.

CO5:
Digital content is given to enhance the knowledge .

CO6:
Extra inputs are given to enhance the knowledge .

Course Coordinator

Mentor

Head of the Department

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