



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	CH Ragha Leena	Department:	Aeronautical Engineering
Regulation:	IARE - R16	Batch:	2017 - 2021
Course Name:	Thermodynamics	Course Code:	AME003
Semester:	IV	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO 1	Recall the basic concepts of thermodynamic properties and working principles of energy conversions in physical systems by laws of thermodynamics.	0.9	2.3	1.2	Attainment target is not reached
CO 2	Outline the equivalence of two statements of second law of thermodynamics and the entropy concepts for typical engineering problems.	0.6	2.3	0.9	Attainment target is not reached
CO 3	Interpret the properties of pure substances and steam to emit relevant inlet and exit conditions of thermodynamic work bearing systems.	0.6	2.3	0.9	Attainment target is not reached
CO 4	Apply the significance of partial pressure and temperature to table the performance parameters of ideal gas mixtures.	0.9	2.3	1.2	Attainment target is not reached
CO 5	Identify the properties of air conditioning systems by practicing psychrometry chart and property tables.	0.9	2.3	1.2	Attainment target is not reached
CO 6	Illustrate the working of various air standard cycles and work out to get the performance characteristics.	0.9	2.3	1.2	Attainment target is not reached

Action taken report: (To be filled by the concerned faculty / course coordinator)

CO 1: Digital content and assignments have to be increased.

CO 2: Remedial classes have been conducted.

CO 3: Remedial classes have been conducted.


CO 4: Digital content and videos given in classes for better understanding of concept.

CO 5: Application oriented problems may be given.

CO 6: Real time application may be better for attainment.


Course Coordinator


Mentor


Head of the Department
Aeronautical Engineering
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