



INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. G HIMA BINDU	Department:	Mechanical Engineering
Regulation:	IARE - BT23	Batch:	2023-2027
Course Name:	Engineering Thermodynamics	Course Code:	AMED07
Semester:	III	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Recall the basic concepts of thermodynamic properties and working principles of energy conversions in physical systems by laws of thermodynamics.	1.80	2.30	1.9	Attained
CO2 Summarize the equivalence of two statements of second law of thermodynamics and understand the entropy concepts for typical engineering problems.	1.20	2.30	1.4	Not Attained
CO3 Explain the properties of pure substances and steam to emit relevant inlet and exit. Understand conditions of thermodynamic work bearing systems.	1.20	2.30	1.4	Not Attained
CO4 Apply the significance of partial pressure and temperature to table the performance. Apply parameters of ideal gas mixtures.	1.20	2.30	1.4	Not Attained
CO5 Identify the properties of air conditioning systems by practicing psychrometry chart. Apply and property tables.	1.20	2.30	1.4	Not Attained
CO6 Illustrate the working of various air standard cycles and work out to get the Understand performance characteristics.	1.80	2.40	1.9	Attained

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

CO2: To Summarize the equivalence of two statements of second law of thermodynamics and understand the entropy concepts for typical engineering problems.

CO3: To explain the properties of pure substances and steam systems.

CO4: To apply the significance of partial pressure and temperature to table the performance.

CO5: To identify the properties of air-conditioning systems by practicing psychrometry charts.

Hima Bindu
Course Coordinator

[Signature]
Mentor

[Signature]
Head of the Department
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