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

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Dr. VVS HARNADH PRASAD**	Department:	**Mechanical Engineering**
Regulation:	**IARE - R20**	Batch:	**2022-2026**
Course Name:	**Thermodynamics**	Course Code:	**AMEC06**
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.	2.70	2.40	2.6	Attained
CO2	Summarize the equivalence of two statements of second law of thermodynamics and the entropy concepts for typical engineering problems.	2.70	2.40	2.6	Attained
CO3	Explain the properties of pure substances and steam to emit relevant inlet and exit conditions of thermodynamic work bearing systems.	2.70	2.40	2.6	Attained
CO4	Apply the significance of partial pressure and temperature to table the performance parameters of ideal gas mixtures.	3.00	2.40	2.9	Attained
CO5	Identify the properties of air conditioning systems by practicing psychrometry chart and property tables.	2.40	2.30	2.4	Attained
CO6	Illustrate the working of various air standard cycles and work out to get the performance characteristics.	3.00	2.40	2.9	Attained

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

Course Coordinator

Mentor

Head of the Department

Head of the Department
Mechanical Engineering
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