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 - UG20**	Batch:	**2022-2026**
Course Name:	**Thermal Engineering**	Course Code:	**AMEC20**
Semester:	**V**	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Make use of the thermodynamic principles for the performance analysis of vapor power cycles.	2.70	2.30	2.6	Attained
CO2	Explain the construction and principle of working of boilers and nozzles to be able to analyze their performance.	0.60	2.40	1	Not Attained
CO3	Utilize the principle of vapor power cycles for analyzing the performance of different types of steam turbines.	2.30	2.30	2.3	Attained
CO4	Outline the principles of operation, classification, working of various steam condensers.	0.90	2.40	1.2	Not Attained
CO5	Apply the principles of Brayton cycle for solving the problems on gas turbines	1.60	2.40	1.8	Attained
CO6	Make use of the principles of propulsion in analyzing the performance of jet engine and rocket engines	1.60	2.40	1.8	Attained

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

CO2: To explain the construction and principle of working of boilers and nozzles to be able to analyze their performance.

CO4: To outline the principles of operation, classification, working of various steam condensers.

Course Coordinator **Mentor** **Head of the Department**

Head of the Department
Mechanical Engineering
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