



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad -500 043
MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Ms N. Santhisree	Department:	ME
Regulation:	IARE - R16	Batch:	2016 - 2020
Course Name:	Thermal Engineering	Course Code:	AME013
Semester:	V	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Recall the thermodynamic processes, working and analyses of combustion, vapor power cycles for producing electrical and mechanical power	3.00	2.00	2.8	Attainment target reached
CO2	Interpret various concepts, principles of operation, theories and phenomena related to the boilers and nozzles	2.30	2.00	2.2	Attainment target reached
CO3	Execute the performance parameters of the steam turbine and reaction turbine for maximum efficiency, thermodynamic analysis of a stage, degree of reaction, velocity diagram.	2.30	2.00	2.2	Attainment target reached
CO4	Describe the principles of operation, classification, working, accessories and mountings of various steam generators and condensers.	0.60	2.40	1	Attainment target not reached
CO5	Apply the working principles and analyses of combustion, gas power cycles for producing electrical and mechanical power.	3.00	2.40	2.9	Attainment target reached
CO6	Discuss the principles, methodologies and variations in the configurations of thermal gas turbomachinery and rocket propulsion based on the availability of resources.	2.00	2.50	2.1	Attainment target reached

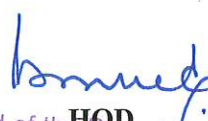
2.2

Action taken report:

CO4: Extra tutorial hours essential to discuss the working, accessories and mountings of various steam generators and condensers.


Course Coordinator


Mentor


Head of the Department
Mechanical Engineering
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