



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. PAIDI RAGHAVULU	Department:	Mechanical Engineering
Regulation:	IARE - R20	Batch:	2020-2024
Course Name:	Power Plant Engineering	Course Code:	AMEC53
Semester:	VIII	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Explain the economics involved in power plants and identify the factors related to selection of plant	3.00	2.10	2.8	Attained
CO2	Discuss the various components of steam power plants and factors influencing the site selection for the plant	3.00	2.20	2.8	Attained
CO3	Illustrate the working principle and basic components of the nuclear power plant and the economic safety principles involved with it	2.30	2.10	2.3	Attained
CO4	Analyze different types of sources and mathematical expression related thermodynamics and various factors involved with power plant operations.	3.00	2.20	2.8	Attained
CO5	Identify power generation from renewable/ alternate fuels and heat sources such as bio fuels, geothermal and solar thermal power plant for alternative power generations sources	3.00	2.10	2.8	Attained
CO6	Explain the control methods of major pollutant emitted from fossil fuels which impact on air quality, climate change water and land	3.00	2.20	2.8	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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