



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

ELECTRICAL AND ELECTRONICS ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Dr. M Laxmidevi Ramanaih	Department:	EEE
Regulation:	IARE - R16	Batch:	2016 - 2020
Course Name:	Power Plant Control and Instrumentation	Course Code:	AAE516
Semester:	VII	Target Value:	60% (1.8)

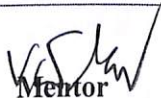
Attainment of COs:

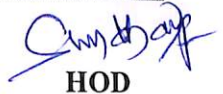
Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Explain the different methods of power generation along with Piping and Instrumentation diagram of boiler.	3	2.3	2.9	Attainment target reached
CO2	Select various measurements involved in power generation for measuring electrical and non-electrical parameters.	3	2.3	2.9	Attainment target reached
CO3	Identify the different types of analyzers used for scrutinizing boiler steam and water.	3	2.2	2.8	Attainment target reached.
CO4	Model different types of controls and control loops in boilers.	3	2.3	2.9	Attainment target reached
CO5	Illustrate the methods of monitoring and control of different parameters like speed, vibration of turbines.	3	2.2	2.8	Attainment target reached

Action taken report:

- All the course outcomes have attained the target value.
- However, students shall be advised to explore the different processes involved in thermal power generation systems for improving their conceptual skills.
- Students shall be motivated to understand different power generation systems for better attainment of COs henceforth.


Course Coordinator


Mentor


HOD

Head of the Department
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