



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

ELECTRICAL AND ELECTRONICS ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	B. Navothna	Department:	EEE
Regulation:	IARE - R16	Batch:	2017 - 2021
Course Name:	Power System Protection Laboratory	Course Code:	AEE112
Semester:	VII	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome		Overall attainment	Observation
CO1	Understand the working of different types of switchgear equipments like fuse and circuit breakers	2.3	Attained
CO2	Design relay settings and its coordination for transmission line, feeder and generator protection.	2.3	Attained
CO3	Describe the performance of a transmission line, generator and feeder by calculating their efficiency and regulation.	2.3	Attained
CO4	Calculate sequence impedances of synchronous machine using fault analysis method for converting unbalanced to balanced system.	2.3	Attained
CO5	Determine potential distribution along the string to calculate string efficiency of insulators.	2.3	Attained

Action taken report:

- All the course outcomes have attained the target value.
- However, students shall be advised to explore the performance of transmission lines under different environmental conditions.
- Students shall be motivated to carryout open-ended experiments to address the real time applications for better attainment of COs in the forthcoming semesters.


Course Coordinator


Mentor


HOD

Head of the Department
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