



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

ELECTRICAL AND ELECTRONICS ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Mr. T. Ravi Babu	Department:	EEE
Regulation:	IARE - R16	Batch:	2017 - 2021
Course Name:	Power System Analysis	Course Code:	AEE012
Semester:	VI	Target Value:	60% (1.8)


Attainment of COs:

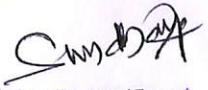
Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Build the mathematical models and matrices of interconnected power system network for analyzing power flows and fault conditions	1.7	2.6	1.9	Attained
CO2	Develop a network's power flow problem and solve it using multiple iterative strategies in obtaining optimal solution	2.3	2.6	2.4	Attained
CO3	Experiment with power system fault analysis for balanced and unbalanced faults in order to determine fault levels and protective device ratings, as well as to grasp the ideas of per-unit system.	1.6	2.6	1.8	Attained
CO4	Classify the different types of stability, including the elements that influence the steady state stability limitations and how to improve it	3	2.6	2.9	Attained
CO5	Demonstrate the different numerical integration and graphical approaches to understand the transient stability and the factors affecting as well as the methods of enhancing it	3	2.5	2.9	Attained

Action taken report:

All the Course outcomes have attained the target.


Course Coordinator


Mentor


Head of the Department
HOD EEE
Electrical and Electronics Engineering
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