



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

ELECTRICAL AND ELECTRONICS ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Ms. M VARALAKSHMI	Department:	Electrical and Electronics Engineering
Regulation:	IARE - UG20	Batch:	2021-2025
Course Name:	Power System Stability	Course Code:	AEEC36
Semester:	VII	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Illustrate the significance of power system stability and approach for analysis of multi machine system, using conventional optimization techniques and general transmission line loss formula	0.90	2.40	1.2	Not Attained
CO2	Develop the equivalent circuits for mathematical analysis of the synchronous machines.	1.30	2.40	1.5	Not Attained
CO3	Explain the methods to enhance the small signal stability of the power system	0.90	2.40	1.2	Not Attained
CO4	Choose different solving Techniques for improving transient stability	0.60	2.40	1	Not Attained
CO5	Explain various methods to enhance the voltage stability	0.30	2.40	0.7	Not Attained

Action Taken Report: (To be filled by the concerned faculty / course coordinator)

CO1: Illustrate the significance of power stability and approach for analysis of multi machine system using conventional optimization techniques and general transmission line loss formula.

CO2: Develop the equivalent circuits for mathematical analysis of the synchronous machine.

CO3: Explain the methods to enhance the small signal stability of the power system

CO4: Choose different solving Techniques for improving transient stability

CO5: Explain various methods to enhance the voltage stability

Course Coordinator

Mentor

Head of the Department

Head of the Department
Electrical and Electronics Engineering
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