



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

ELECTRICAL POWER SYSTEMS

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. V CHANDRA JAGAN MOHAN	Department:	Electrical Power Systems
Regulation:	IARE - PG21	Batch:	2021-2023
Course Name:	Power System Dynamics and Stability	Course Code:	BPSC14
Semester:	II	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.	3.00	2.10	2.8	Attained
CO2	Develop the state space equations, unit conversions, equivalent circuits for mathematical analysis of the synchronous machines.	3.00	2.40	2.9	Attained
CO3	Develop program capabilities for writing their own computer program to solve power system dynamics	3.00	2.40	2.9	Attained
CO4	Identify the types of excitation and voltage control configurations to address the effects of voltage changes and reactive power.	3.00	3.00	3	Attained
CO5	Illustrate the significance of governing system for excitation and prime mover control.	3.00	2.40	2.9	Attained
CO6	Explain the methods to enhance the small signal stability of the power system.	0.90	2.40	1.2	Not Attained

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

CO6: Provide problems on small signal stability


Course Coordinator


Mentor


Head of the Department