



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

ELECTRICAL POWER SYSTEMS

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. P SRIDHAR	Department:	Electrical Power Systems
Regulation:	IARE - R18	Batch:	2020-2022
Course Name:	POWER SYSTEM DYNAMICS	Course Code:	BPSB12
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.	2.30	2.20	2.3	Attained
CO2 Develop the state space equations, unit conversions, equivalent circuits for mathematical analysis of the synchronous machines.	2.30	2.50	2.3	Attained
CO3 Develop the basic components of digital relay and signal conditioning subsystems for implementation of digital protection.	0.90	2.30	1.2	Not Attained
CO4 Identify the types of excitation and voltage control configurations to address the effects of voltage changes and reactive power.	0.90	2.30	1.2	Not Attained
CO5 Explain the methods to enhance the small signal stability of the power system.	0.90	2.50	1.2	Not Attained

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

CO3: Provide problems on digital protection

CO4: Provide problems on voltage control methods

CO5: Provide problems on small signal stability of the power system


Course Coordinator


Mentor


Head of the Department

Head of the Department
Electrical and Electronics Engineering
INSTITUTE OF AERONAUTICAL ENGINEERING
Dundigal, Hyderabad - 500 043