



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

ELECTRICAL AND ELECTRONICS ENGINEERING ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. P SHIVA KUMAR	Department:	Electrical and Electronics Engineering
Regulation:	IARE - R20	Batch:	2020-2024
Course Name:	Power System Analysis	Course Code:	AEEC22
Semester:	VI	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Apply the basic terminology of graph theory for formation of bus impedance and admittance matrices	3.00	2.30	2.9	Attained
CO2	Build the algorithms to form the bus impedance and admittance matrices for various configuration of primitive network	3.00	2.30	2.9	Attained
CO3	Make use of Thevenin's theorem and sequence component theory for the analysis of power system under symmetrical and unsymmetrical faults	3.00	2.30	2.9	Attained
CO4	Illustrate the steady state and transient stability conditions of interconnected power system to obtain required specifications for normal operation	2.30	2.40	2.3	Attained
CO5	Analyze the load flow studies, fault analysis and stability of power system helps to structure switchgear protection considering real world constraints and work in team or individual to carry research work	2.70	2.30	2.6	Attained

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


Course Coordinator


Mentor


Head of the Department