



INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

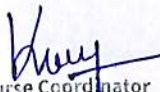
ELECTRICAL AND ELECTRONICS ENGINEERING
ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. KUMBHA VENKATA SIVA RAO	Department:	Electrical and Electronics Engineering
Regulation:	IARE - UG20	Batch:	2021-2025
Course Name:	Electrical Power Systems Laboratory	Course Code:	AEEC44
Semester:	VII	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome		Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Examine the functioning of miniature circuit breaker (MCB) and fuse to plot time-current characteristics.	3.00	0.00	3	Attained
CO2	Demonstrate surge impedance loading and compensation technique to stabilize and mitigate ferranti effect in transmission line in terms of input and output parameters to analyse performance of a transmission line.	3.00	0.00	3	Attained
CO3	Understand the concept of voltage improvement by reactive power control using tap changing transformer	3.00	0.00	3	Attained
CO4	Describe the working of impedance relay, overcurrent relay during normal and abnormal fault conditions for protection of transmission line.	3.00	0.00	3	Attained
CO5	Explain various earth fault detection schemes for protection of radial feeder.	3.00	0.00	3	Attained
CO6	Calculate sequence impedances of synchronous machine using fault analysis method for converting unbalanced to balanced system.	3.00	0.00	3	Attained

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


Course Coordinator


Mentor


Head of the Department

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