



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

ELECTRICAL POWER SYSTEMS


ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Ms. P SINDHU	Department:	Electrical Power Systems
Regulation:	IARE - R18	Batch:	2019-2021
Course Name:	DIGITAL PROTECTION OF POWER SYSTEM	Course Code:	BPSB11
Semester:	II	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Illustratethe significance of protection systems and elements involved in protection of the power system	2.40	2.00	2.3	Attained
CO2 Developthe structures, mathematical models and formulae of digital relays for mathematical analysis of the system	3.00	2.50	2.9	Attained
CO3 Identifythe basic components of digital relay and signal conditioning subsystems for implementation of digital protection.	3.00	2.50	2.9	Attained
CO4 Developthe mathematical models for analysis of the relying algorithms to address the various types of faults in the power system	2.10	2.90	2.3	Attained
CO5 Categorize the digital relying algorithms to minimize the transient deviations and steady state error to zero	2.10	2.90	2.3	Attained
CO6 Analyzethe various algorithms applicable for protection of Transformers and transmission lines.	2.10	2.90	2.3	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
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Dundigal, Hyderabad - 500 043