INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)
Dundigal, Hyderabad - 500043, Telangana

ELECTRICAL POWER SYSTEMS

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Mr. P SHIVA KUMAR**	Department:	**Electrical Power Systems**
Regulation:	**IARE - R18**	Batch:	**2020-2022**
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	2.30	2.50	2.3	Attained
CO2	Developthe structures, mathematical models and formulae of digital relays for mathematical analysis of the system	3.00	2.30	2.9	Attained
CO3	Identifythe basic components of digital relay and signal conditioning subsystems for implementation of digital protection.	2.30	2.30	2.3	Attained
CO4	Developthe mathematical models for analysis of the relying algorithms to address the various types of faults in the power system	2.30	2.40	2.3	Attained
CO5	Categorize the digital relying algorithms to minimize the transient deviations and steady state error to zero	2.30	2.40	2.3	Attained
CO6	Analyzethe various algorithms applicable for protection of Transformers and transmission lines.	0.90	2.30	1.2	Not Attained

Action Taken Report: (To be filled by the concerned faculty / course coordinator)
CO6: ELRV classes of algorithms applicable for protection of Transformers and transmission lines digital protection

Course Coordinator **Mentor** **Head of the Department**

Head of the Department
Electrical and Electronics Engineering
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