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:	**MODERN POWER SYSTEM ANALYSIS**	Course Code:	**BPSB01**
Semester:	**I**	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Utilize the representation of basic components and single line diagram of power system for understanding the restructuring of system	0.30	2.40	0.7	Not Attained
CO2	Examine the optimal power flow solution using FACTS devices to solve power flow analysis problems using various methods.	1.60	2.30	1.7	Not Attained
CO3	Analyse the new bus voltages contingency by adding/removal of lines for illustrating the various techniques for contingency evaluation and analysis.	0.30	2.20	0.7	Not Attained
CO4	Evaluate the operating states and security monitoring of power systems to describe its contingency analysis.	0.60	2.40	1	Not Attained
CO5	Understand the importance of power flow analysis in planning and operation of power systems.	0.90	2.40	1.2	Not Attained
CO6	Apply the various algorithms for state estimation to estimate different components and states of power systems.	0.00	2.50	0.5	Not Attained

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

CO1: Solve problems on single line diagram of power system

CO2: Solve Problems on optimal power flow

CO3: Provide Problems on contingency analysis

CO4: Assignments on contingency analysis.
CO5: Assignments on power flow analysis
CO6: ELRV classes for algorithms for state estimation

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

Head of the Department
Electrical and Electronics Engineering
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