



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

ELECTRICAL POWER SYSTEMS

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. RAVI BABU T	Department:	Electrical Power Systems
Regulation:	IARE - R18	Batch:	2019-2021
Course Name:	FLEXIBLE AC TRANSMISSION SYSTEMS	Course Code:	BPSB23
Semester:	III	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Recall the basics of power transmission capability and role of power electronic converters in transmission interconnections	1.60	1.80	1.6	Not Attained
CO2 Identify the suitable VSC and CSC for high pulse operation of FACTS controllers	1.60	2.40	1.8	Attained
CO3 Interpret the impact of shunt compensation on voltage stability, transient stability and power oscillation damping.	3.00	2.40	2.9	Attained
CO4 Evaluate the performance of SVC and STATCOM to see how they are involved in enhancing the dynamic performance and transient stability	3.00	3.00	3	Attained
CO5 Model the static synchronous compensator, series compensators GSC, TSSC and TCSC for improving the power systems dynamics	3.00	3.00	3	Attained

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

CO1: Expert lectures should be planned


Course Coordinator


Mentor


Head of the Department

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