



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

ELECTRICAL POWER SYSTEMS

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Ms. T SARITHA KUMARI	Department:	Electrical Power Systems
Regulation:	IARE - PG21	Batch:	2022-2024
Course Name:	HVDC Transmission and FACTS	Course Code:	BPSC03
Semester:	I	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome		Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Explain the basic fundamental of FACTS controllers	3.00	1.60	2.7	Attained
CO2	Interpret the enhancement of stability using static shunt and series compensation	3.00	1.60	2.7	Attained
CO3	Model and design of coordinating multiple FACTS controllers UPFC and IPFC using control techniques	3.00	1.40	2.7	Attained
CO4	Develop the knowledge of HVDC transmission and HVDC converters and the applicability and advantage of HVDC transmission over conventional AC transmission	3.00	1.80	2.8	Attained
CO5	Simplify and solve mathematical problems related to rectifier and inverter control methods and learn about different control schemes as well as starting and stopping of DC links	2.10	1.90	2.1	Attained

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


Course Coordinator


Mentor


Head of the Department