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

ELECTRICAL POWER SYSTEMS

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Dr. MULE LAXMIDEVI RAMANAIAH**	Department:	**Electrical Power Systems**
Regulation:	**IARE - R18**	Batch:	**2020-2022**
Course Name:	**HVDC TRANSMISSION**	Course Code:	**BPSB03**
Semester:	**I**	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Classify AC and DC transmission and understand control characteristics of HVDC system.	3.00	2.30	2.9	Attained
CO2	Explain the working of HVDC converter in rectifier and inverter modes of operation.	3.00	2.40	2.9	Attained
CO3	Compare different control schemes used in HVDC converters	2.10	2.30	2.1	Attained
CO4	Interpret the nature of faults happening on both the AC and DC sides of the converters and formulate protection schemes for the same	2.10	2.50	2.2	Attained
CO5	Analyze the harmonic models and use the knowledge of circuit theory to develop filters and assess the requirement and type of protection for the filters.	2.10	2.30	2.1	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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