



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

ELECTRICAL AND ELECTRONICS ENGINEERING ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. SK ABDUL PASHA	Department:	Electrical and Electronics Engineering
Regulation:	IARE - UG20	Batch:	2021-2025
Course Name:	Power Electronics	Course Code:	AEEC16
Semester:	V	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Explain the static and dynamic characteristics of power semiconductor devices used for power conversion in converter circuits.	3.00	2.30	2.9	Attained
CO2	Summarize the various firing circuits and commutation techniques useful for accurate switching function of the SCR.	2.70	2.30	2.6	Attained
CO3	Analyze the performance parameters of ac-dc converters under various loading conditions.	3.00	2.30	2.9	Attained
CO4	Identify the switching techniques and control strategies in switched mode regulators and perform steady state analysis in the chopper circuit.	2.30	2.30	2.3	Attained
CO5	Demonstrate single phase ac voltage controllers and cyclo converter used for converting fixed ac supply into variable ac output	3.00	2.40	2.9	Attained
CO6	Apply modulation and switching topologies in inverters for output voltage control.	3.00	2.40	2.9	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
INSTITUTE OF AERONAUTICAL ENGINEERING
Dundigal, Hyderabad-500 043.