



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. Damodhar Reddy	Department:	Electrical and Electronics Engineering
Regulation:	IARE - UG20	Batch:	2021-2025
Course Name:	Power Electronics Laboratory	Course Code:	AEEC21
Semester:	V	Target Value:	0% (0)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Experiment the operation of SCR, MOSFET and IGBT for obtaining static voltage - current characteristics.	3.00	0.00	3	Attained
CO2	Utilize the forced commutation circuits and gate firing circuits or turning off and on of the SCR.	3.00	0.00	3	Attained
CO3	Analyze the input and output waveforms of controlled rectifier circuits for determining the output voltages.	3.00	0.00	3	Attained
CO4	Construct the various inverter circuits or direct current to Alternating current conversion.	3.00	0.00	3	Attained
CO5	Determine the performance characteristics of ac to ac converters for getting variable output voltage using hardware and modern tools.	3.00	0.00	3	Attained
CO6	Develop the chopper circuits for measuring output voltage and current.	3.00	0.00	3	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.