



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

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

Name of the faculty:	Mr. S SRIKANTH	Department:	Electrical and Electronics Engineering
Regulation:	IARE - R20	Batch:	2020-2024
Course Name:	Power Electronics Laboratory	Course Code:	AEEC21
Semester:	V	Target Value:	70% (2.1)

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 hard ware and modern tools.	3.00	0.00	3	Attained
CO6 Develop he 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