



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. GATLA RANJITH KUMAR	Department:	Electrical and Electronics Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	Power Electronics Laboratory	Course Code:	AEEB21
Semester:	V	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome		Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Identify a suitable switching component with the help of static and dynamic characteristics of semiconductor devices	3.00	0.00	3	Attained
CO2	Utilize the forced commutation circuits and gate firing circuits for turning off and turning on the SCR.	3.00	0.00	3	Attained
CO3	Determine the performance parameters of phase controlled rectifiers using the input and output waveforms	3.00	0.00	3	Attained
CO4	Analyze the characteristics of inverter circuits for DC to AC conversion	3.00	0.00	3	Attained
CO5	Examine the performance characteristics of AC to AC converters for variable output voltage and frequency.	3.00	0.00	3	Attained
CO6	Model the PWM inverter and DC to DC converters using simulation tools.	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