

**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 - R18	Batch:	2018-2022
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	2.30	0.00	2.3	Attained
CO2	Utilize the forced commutation circuits and gate firing circuits for turning off and turning on the SCR.	2.30	0.00	2.3	Attained
CO3	Determine the performance parameters of phase controlled rectifiers using the input and output waveforms	2.30	0.00	2.3	Attained
CO4	Analyze the characteristics of inverter circuits for DC to AC conversion	2.30	0.00	2.3	Attained
CO5	Examine the performance characteristics of AC to AC converters for variable output voltage and frequency.	2.30	0.00	2.3	Attained
CO6	Model the PWM inverter and DC to DC converters using simulation tools.	2.30	0.00	2.3	Attained

**Action Taken Report: (To be filled by the concerned faculty / course coordinator)**  
Course Coordinator

Mentor

  
Head of the Department