



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. B PRASHANTH	Department:	Electrical and Electronics Engineering
Regulation:	IARE - R20	Batch:	2021-2025
Course Name:	Analog and Digital Electronics Laboratory	Course Code:	AECC17
Semester:	IV	Target Value:	70% (2.1)

Attainment of COs:

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Apply the PN junction characteristics for the diode applications such as half wave and full wave rectifier	3.00	0.00	3	Attained
CO2 Apply the volt-ampere characteristics of PN junction diode, Zener diode for finding cut-in voltage, static and dynamic resistance	3.00	0.00	3	Attained
CO3 Analyze the input and output characteristics of transistor configurations for determining the input-output resistances.	3.00	0.00	3	Attained
CO4 Identify the functionality of Boolean expressions using gates such as and, or, not, nand, nor, xor and xnor	3.00	0.00	3	Attained
CO5 Build combinational circuits such as adder, subtractor, multiplexers and comparators realization using low level elementary blocks	3.00	0.00	3	Attained
CO6 Construct shift registers using the functionality of the flip flops.	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