



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT


Name of the faculty:	Dr. P RAMADEVI	Department:	Computer Science and Engineering (Cyber Security)
Regulation:	IARE - R20	Batch:	2022-2026
Course Name:	Analog and Digital Electronics	Course Code:	AECC08
Semester:	III	Target Value:	60% (1.8)

Attainment of COs:


	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Demonstrate the volt-ampere characteristics of semiconductor devices for finding cut-in voltage, resistance and capacitance.	1.60	1.90	1.7	Not Attained
CO2	Illustrate half wave and full wave rectifier circuits with filter and without filters used to convert the alternating current in to direct current.	1.60	1.80	1.6	Not Attained
CO3	Analyze the input and output characteristics of transistor configurations and small signal h-parameter models to determine the input - output resistances, current gain and voltage gain	2.30	1.90	2.2	Attained
CO4	Identify the functionality of logic gates, parity code and hamming code techniques for error detection and correction of single bit in digital systems.	2.30	1.90	2.2	Attained
CO5	Make use of appropriate logic gates to implement combinational logic circuits.	2.30	1.90	2.2	Attained
CO6	Select a required flip flop to realize synchronous and asynchronous counters for memory storing applications.	1.30	1.90	1.4	Not Attained

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

- CO1: Need to demonstrate more classes on semiconductor devices characteristics.
CO2: Conduct more classes for halfwave and full wave rectifier circuits with filter and with out filter.
CO6: Need to provide more knowledge on memory storing applications.


Course Coordinator


Mentor


Head of the Department