INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)
Dundigal, Hyderabad - 500043, Telangana

COMPUTER SCIENCE AND ENGINEERING (AI&ML)
ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Mr. A PRASHANTH**	Department:	**Computer Science and Engineering (AI&ML)**
Regulation:	**IARE - UG20**	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.	3.00	2.10	2.8	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.	3.00	2.00	2.8	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	3.00	2.00	2.8	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.	3.00	2.00	2.8	Attained
CO5	Make use of appropriate logic gates to implement combinational logic circuits.	3.00	2.10	2.8	Attained
CO6	Select a required flip flop to realize synchronous and asynchronous counters for memory storing applications.	3.00	2.00	2.8	Attained

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

Course Coordinator   Mentor   Head of the Department

Head of the Department
CSE (Artificial Intelligence & Machine Learning)
INSTITUTE OF AERONAUTICAL ENGINEERING
Dundigal, Hyderabad-500043.