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

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Dr. BDY SUNIL**	Department:	**Aeronautical Engineering**
Regulation:	**IARE - BT23**	Batch:	**2023-2027**
Course Name:	**Artificial Intelligence for Aerospace Engineering**	Course Code:	**AAED14**
Semester:	**V**	Target Value:	**60% (1.8)**

Attainment of COs:

Course Outcome		Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Understand the foundation, history, and scope of Artificial Intelligence with Machine Learning concepts such as decision tree representation, basic decision tree learning algorithms	2.60	2.10	2.5	Attained
CO2	Apply various AI problem solving algorithms for optimization with probabilistic reasoning.	2.20	2.10	2.2	Attained
CO3	Apply knowledge-based reasoning techniques and logical frameworks to build intelligent agents capable of making informed decisions and inferences	3.00	2.10	2.8	Attained
CO4	Apply first-order logic inference mechanisms, including forward and backward chaining, to design logical agents capable of decision-making in structured environments like the Wumpus World.	1.20	2.10	1.4	Not Attained
CO5	Apply advanced learning techniques and probabilistic models in AI for analyzing, data, recognizing patterns for automation and optimization.	2.60	2.10	2.5	Attained
CO6	Apply AI techniques and models in Human-Machine Interaction to address aerospace and engineering problems.	2.00	2.10	2	Attained

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

CO4: Mini-assignments and classroom demonstrations reinforced agent-based reasoning, enabling learners to connect theoretical inference methods with practical decision-making processes in artificial intelligence systems.

Course Coordinator

Mentor

Head of the Department

Head of the Department
Aeronautical Engineering
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