



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. VVS HARNADH PRASAD	Department:	Mechanical Engineering
Regulation:	IARE - BT23	Batch:	2023-2027
Course Name:	Artificial Intelligence in Mechanical Engineering	Course Code:	AMED21
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	3.00	2.50	2.9	Attained
CO2	Apply various AI problem solving algorithms for optimization with probabilistic reasoning	3.00	2.60	2.9	Attained
CO3	Apply knowledge-based reasoning techniques and logical frameworks to build intelligent agents capable of making informed decisions and inferences	3.00	2.50	2.9	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.	3.00	2.60	2.9	Attained
CO5	Apply advanced learning techniques and probabilistic models in AI for analyzing, data, recognizing patterns for automation and optimization	3.00	2.50	2.9	Attained
CO6	Apply AI techniques and models in Human-Machine Interaction to address industrial and engineering problems.	2.60	2.50	2.6	Attained

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


Course Coordinator


Mentor


Head of the Department
Mechanical Engineering
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