

**INSTITUTE OF AERONAUTICAL ENGINEERING**

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

**COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)****ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT**

Name of the faculty:	Ms. R TEJASWINI	Department:	Computer Science and Engineering (Data Science)
Regulation:	IARE - UG20	Batch:	2021-2025
Course Name:	Mathematical Logic in Artificial Intelligence	Course Code:	ACDC24
Semester:	VII	Target Value:	60% (1.8)

**Attainment of COs:**

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Understand basic principles and concepts of AI, including history, key ideas, and the role of AI in various applications.	3.00	2.20	2.8	Attained
CO2	Develop Program solving skills by applying state search algorithms to different types of problems, such as finding paths in a maze, solving puzzles, or planning routes for a robot	3.00	2.20	2.8	Attained
CO3	Understand various knowledge representation techniques and mappings to represent real world knowledge in AI systems	3.00	2.20	2.8	Attained
CO4	Perform propositional logic and predicate logic, to draw conclusions from given statements	3.00	2.20	2.8	Attained
CO5	Apply resolution to specifically to propositional logic, enabling them to perform logical deductions and simplify logical statements using this inference rule.	3.00	2.20	2.8	Attained
CO6	Apply Search algorithms to various problem domains, such as route planning, puzzle-solving, and game-playing	3.00	2.20	2.8	Attained

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

*Tejashini*  
Course Coordinator

*Tejashini*  
Mentor

*C. Ramesh*  
Head of the Department

**HEAD OF THE DEPARTMENT**  
**CSE (Data Science)**  
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