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:	**2020-2024**
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	2.00	2.8	Attained
CO2	Develop Program solving skills by applying state search algorithms to different types of problems, such as findind paths in a maze, solving puzzles, or planning routes for a robot	3.00	2.00	2.8	Attained
CO3	Understand various knowledge representation techniques and mappings to represent real world knowledge in AI systems	3.00	2.00	2.8	Attained
CO4	Perform propositional logic and predicate logic, to draw conclusions from given statements	2.30	2.00	2.2	Attained
CO5	Apply resolution to specifically to propositional logic, enabling them to perform logical deductions and simplify logical statements using this inference rule.	0.90	1.90	1.1	Not Attained
CO6	Apply Search algorithms to various problem domains, such as rout planning, puzzle- solving, and game- playing	0.60	2.00	0.9	Not Attained

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

CO5: Student feel difficulty to convert the propositional logic to perform logical deductions so we are planning to conduct more classes and give more assignments on those topics.
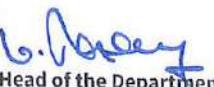
CO6: Student feel difficulty in applying search algorithms and puzzle solving problems, so need to give more practice sessions to solve this kind of problems

Course Coordinator

Mentor

Head of the Department