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

COMPUTER SCIENCE AND ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Dr. K SUVARCHALA**	Department:	**Computer Science and Engineering**
Regulation:	**IARE - BT23**	Batch:	**2023-2027**
Course Name:	**Data Mining and Machine Learning**	Course Code:	**ACSD19**
Semester:	**V**	Target Value:	**75% (2.3)**

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Outline the fundamental concepts of data mining and machine learning algorithms to understand practical applications.	3.00	2.20	2.8	Attained
CO2	Apply data preprocessing and transformation techniques to generate effective data sets for Ming and learning.	3.00	2.30	2.9	Attained
CO3	Make use of Supervised and unsupervised learning techniques to extract meaningful patterns for data-driven problems.	2.40	2.30	2.4	Attained
CO4	Analyze the performance of machine learning models using suitable metrics and validation techniques to optimize model performance.	3.00	2.20	2.8	Attained
CO5	Utilize ensemble learning techniques to improve learning model performance in real world problems.	2.40	2.20	2.4	Attained
CO6	Examine reinforcement learning techniques for decision making tasks in Learning models	2.40	2.30	2.4	Attained

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

Course Coordinator **Mentor** **Head of the Department**