INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)

Dundigal, Hyderabad – 500043, Telangana

MASTER OF BUSINESS ADMINISTRATION

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Ms. D SANDHYA RANI**	Department:	**Master of Business Administration**
Regulation:	**IARE - PG21**	Batch:	**2022-2024**
Course Name:	**Machine Learning and Artificial Intelligence**	Course Code:	**CMBC60**
Semester:	**IV**	Target Value:	**83% (2.5)**

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Evaluate the effectiveness of various machine learning algorithms, including supervised (K Nearest Neighbors, Random Forest, Boosting) and unsupervised methods, in solving real-world business problems such as predicting employee churn.	3.00	2.30	2.9	Attained
CO2	Design: Formulate recommender systems using machine learning techniques, such as user-based and item-based similarity calculations, and matrix factorization, to enhance decision-making processes in business contexts.	3.00	2.40	2.9	Attained
CO3	Construct decision tree classifiers using both Gini and entropy criteria, and assess their performance metrics to make informed decisions in classification tasks, such as credit risk assessment.	2.10	2.40	2.2	Not Attained
CO4	Apply artificial intelligence concepts, including the foundations of AI, intelligent agents, and problem-solving strategies, to analyze and solve complex business problems efficiently and ethically.	3.00	2.30	2.9	Attained
CO5	Critically evaluate the limitations and advantages of various problem- solving algorithms, such as uninformed and informed search strategies, in addressing diverse business challenges and environments.	3.00	2.50	2.9	Attained
CO6	Communicate effectively about machine learning and artificial intelligence concepts, methodologies, and applications to diverse stakeholders, using appropriate terminology and visualization techniques.	2.70	2.50	2.7	Attained

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

CO3: Conduct more case studies and take extra classes

Course Coordinator	Mentor	Head of the Department