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

COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Mr. B SANTHOSH KUMAR**	Department:	**Computer Science and Engineering (Cyber Security)**
Regulation:	**IARE - R20**	Batch:	**2020-2024**
Course Name:	**Machine Learning**	Course Code:	**AITC27**
Semester:	**VII**	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observa
CO1	Build version space and consistent hypothesis to classify instances correctly.	0.60	2.10	0.9	Not Atta
CO2	Make use of the concept of perceptron in solving appropriate problems for neural network learning.	1.30	2.10	1.5	Not Atta
CO3	Utilize bayesian models to make predictions and robust decision making in uncertain environments.	0.90	2.20	1.2	Not Atta
CO4	Demonstrate the expectation-maximization algorithm and its applications in various machine learning tasks.	0.90	2.10	1.1	Not Atta
CO5	Select k-NN and locally weighted regression algorithms to solve classification and regression tasks.	0.90	2.10	1.1	Not Atta
CO6	Infer the results of inductive and reinforcement learning models by evaluating their performance.	0.90	2.10	1.1	Not Atta

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

CO1: Need to take more sessions to make understanding of version space and consistent hypothesis to classify.
CO2: Need to take more sessions on problems for neural network learning
CO3: Need to conduct more classes for bayesian models to make predictions and decision making uncertain environments.
CO4: Need to demonstrate in more easy to understand algorithm and application in various tasks.
CO5: conduct more sessions for implementation of algorithms to solve classification .
CO6: Provide More learning models for easy understanding and evaluating their performance.

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