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:	**Dr. G SUCHARITHA**	Department:	**Computer Science and Engineering (Data Science)**
Regulation:	**IARE - R20**	Batch:	**2020-2024**
Course Name:	**Foundations of Machine Learning**	Course Code:	**ACAC03**
Semester:	**VI**	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Demonstrate the characteristics of Machine Learning that make it useful to solve real-world problems	0.30	2.20	0.7	Not Attained
CO2	Make use of Supervised Learning Algorithm for Classification Model and Decision Tree Learning	0.30	2.20	0.7	Not Attained
CO3	Build a Prediction Model by using Linear Regression Techniques and Ensemble Techniques.	0.90	2.10	1.1	Not Attained
CO4	Make use of Bayesian Learning for Classification Model and outline Unsupervised learning Algorithms for determining hidden patterns in data	0.00	2.20	0.4	Not Attained
CO5	Discuss the methodology of Neural Networks and Support Vector Machines to classify the Linear and Non-Linear data	0.60	2.20	0.9	Not Attained
CO6	Identify appropriate Machine Learning Algorithms depending on the nature of the Learning System	0.00	2.20	0.4	Not Attained

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

CO1: Additional classes required to make the students to get understand with the concepts of machine learning characteristics and applications.

CO2: Assignments need to be provided to get familiar with the concepts of decision trees and classification models.

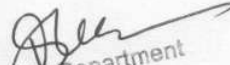CO3: Need to put more concentration on problems for the topics regression and ensemble models.

CO4: Through guest lecture or expert talk can make the concepts more clear on bayesian learning and unsupervised learning concepts.

CO5: Need to provide more assignment and case studies on these topics to make the students for better understand the concepts.

CO6: Through workshop applications of machine learning can be elaborated to the students for better understadment of the topics.

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

Head of the Department
Data Science
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