


**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. M V KRISHNA RAO	Department:	Computer Science and Engineering (Data Science)
Regulation:	IARE - UG20	Batch:	2021-2025
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	3.00	2.20	2.8	Attained
CO2	Make use of Supervised Learning Algorithm for Classification Model and Decision Tree Learning	2.00	2.20	2	Attained
CO3	Build a Prediction Model by using Linear Regression Techniques and Ensemble Techniques.	3.00	2.20	2.8	Attained
CO4	Make use of Bayesian Learning for Classification Model and outline Unsupervised learning Algorithms for determining hidden patterns in data	1.60	2.20	1.7	Not Attained
CO5	Discuss the methodology of Neural Networks and Support Vector Machines to classify the Linear and Non-Linear data	2.70	2.20	2.6	Attained
CO6	Identify appropriate Machine Learning Algorithms depending on the nature of the Learning System	2.40	2.20	2.4	Attained

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

CO4: Special classes were conducted to improve understanding of Bayesian learning for classification and unsupervised algorithms for hidden pattern discovery

  
 Course Coordinator

  
 Mentor

  
 Head of the Department

HEAD OF THE DEPARTMENT  
 CSE (Data Science)  
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