



**INSTITUTE OF AERONAUTICAL ENGINEERING**  
(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

**INFORMATION TECHNOLOGY**

**ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT**

Name of the faculty:	Ms. CSL VIJAYA DURGA	Department:	Information Technology
Regulation:	IARE - R18	Batch:	2018-2022
Course Name:	Machine Learning	Course Code:	ACSB21
Semester:	V	Target Value:	60% (1.8)

**Attainment of COs:**

	Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Demonstrate the design of concept learning that best fits training datasets in machine learning applications	3.00	2.60	2.9	Attained
CO2	Develop decision tree and instance-based learning algorithms for classification or regression-based problems in machine learning applications.	3.00	2.60	2.9	Attained
CO3	Make use of artificial neural networks algorithms to train the system using synapses, nodes and communication links.	3.00	2.70	2.9	Attained
CO4	Construct Bayesian learning classifiers in extracting crucial information from small datasets and in preprocessing.	3.00	2.50	2.9	Attained
CO5	Build reinforcement-based learning algorithms to optimize in healthcare and recommendation systems.	2.30	2.70	2.4	Attained
CO6	Categorize mathematical models and predictions using machine learning algorithms to perform various real-time tasks.	3.00	2.50	2.9	Attained

**Action Taken:**

  
Course Coordinator

  
Mentor

  
Head of the Department