



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

COMPUTER SCIENCE AND ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. DURGA BHAVANI DASARI	Department:	Computer Science and Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	Machine Learning	Course Code:	ACSB21
Semester:	V	Target Value:	70% (2.1)

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	0.90	2.20	1.2	Not Attained
CO2	Develop decision tree and instance-based learning algorithms for classification or regression-based problems in machine learning applications.	0.90	2.20	1.2	Not Attained
CO3	Make use of artificial neural networks algorithms to train the system using synapses, nodes and communication links.	0.90	2.20	1.2	Not Attained
CO4	Construct Bayesian learning classifiers in extracting crucial information from small datasets and in preprocessing.	1.40	2.20	1.6	Not Attained
CO5	Build reinforcement-based learning algorithms to optimize in healthcare and recommendation systems.	0.00	2.20	0.4	Not Attained
CO6	Categorize mathematical models and predictions using machine learning algorithms to perform various real-time tasks.	0.00	2.20	0.4	Not Attained

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

CO1: Discuss more examples on designing of data sets to enhance understanding of machine learning applications.

CO2: Provide problems on classification and clustering to increase analytical skills of Machine learning algorithms

CO3: Make student to solve problems related to ANNW algorithms in tutorial sessions

CO4: A Work shop will arranged by experts from industry and academia to make student understand basic mathematics and statistics required in apply Machine Learning algorithms for real time applications

CO5: A Work shop will arranged by experts from industry and academia to make student understand basic mathematics and statistics required in apply Machine Learning algorithms for real time applications

CO6: A Work shop will arranged by experts from industry and academia to make student understand basic mathematics and statistics required in apply Machine Learning algorithms for real time applications

Bhavani
Course Coordinator

[Signature]
Mentor

[Signature]
Head of the Department