INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

INFORMATION TECHNOLOGY

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	**Mr. N BASWANTH**	Department:	**IT**
Regulation:	**IARE - R16**	Batch:	**2016 - 2020**
Course Name:	**MACHINE LEARNING**	Course Code:	**ACS014**
Semester:	**VIII**	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Demonstrate machine learning concepts with decision trees in data classification for smart and automated applications..	3	2.8	3	Attainment target reached
CO2	Make use of support vector machine and multilayer perceptrons to control learning rate in high dimensionality data classification	0.9	2.7	1.3	Attainment target is not yet reached
CO3	Select probabilistic classifiers with Naivebayes and graphical models for temporal data classification.	0.9	2.7	1.3	Attainment target is not yet reached
CO4	Outline evolutionary algorithms to solve optimization problems in stochastic manner in machine learning.	0.9	2.7	1.3	Attainment target is not yet reached
CO5	Utilize data clustering algorithms to perform cluster analysis with large categorical datasets in real life data mining applications	0.9	2.8	1.3	Attainment target is not yet reached
CO6	Identify appropriate machine learning techniques and suitable computing environment for real time applications.	0.9	2.8	1.3	Attainment target is not yet reached

Action taken report: (To be filled by the concerned faculty / course coordinator)
CO 2: Need to provide more problems and also additional digital resources which enables the students to gain more problem-solving skills
CO 3,CO4,CO5,CO6:Select probabilistic classifiers with Naïve bayes and graphical models for temporal data classification will be attainted in Future works

Course Coordinator   **Mentor**   **HOD**