INSTITUTEOFAERONAUTICALENGINEERING

(Autonomous)

Dundigal,Hyderabad-500043

INFORMATION TECHNOLOGY

ATTAINMENT OF COURSE OUTCOME–ACTION TAKEN REPORT
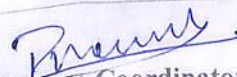
Name of the faculty:	B.Praveena	Department:	IT
Regulation:	IARE-R16	Batch:	2017 -2021
Course Name:	Probability and Statistics	Course Code:	AHS010
Semester:	II-Semester	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Explain the parameters of random variate Probability distributions including Binomial, Poisson and Normal distribution by using their probability functions, expectation and variance.	3.0	2.2	2.8	Attainment target is reached
CO2	Interpret the concepts of discrete and continuous probability distribution, CLT problems, correlations and Regression Analysis for statistical forecasting.	3.0	2.2	2.8	Attainment target is reached
CO3	Make use of the concept of sampling distribution of statistical data by using behavior of the sample mean.	3.0	2.2	2.8	Attainment target is reached
CO4	Apply the concept of estimation in real-world problems of signal processing and testing of hypothesis to predict the significance difference, types of errors in the sample means.	3.0	2.2	2.8	Attainment target is reached
CO5	Calculate the role of statistical hypotheses, confidence intervals, the tests of hypotheses for large samples in making decisions over statistical claims in hypothesis testing	3.0	2.2	2.8	Attainment target is reached
CO6	Identify the tests of hypothesis for small samples and comparing three variables of ANOVA in making decisions over statistical claims in hypothesis testing	3.0	2.2	2.8	Attainment target is reached

Action taken report: (To be filled by the concerned faculty/course coordinator):

In this course, all the COs are attained. So no need to take corrective actions.

Course Coordinator   Mentor   HOD