INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

COMPUTER SCIENCE AND ENGINEERING(CYBER SECURITY)

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	**Dr. J Suresh Goud**	Department:	CSE(CS)
Regulation:	**IARE – UG20**	Batch:	2020- 2024
Course Name:	**Probability and Statistics**	Course Code:	AHSC08
Semester:	**II**	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Explain the role of random variables and types of random variables, expected values of the discrete and continuous random variables under randomized probabilistic conditions.	0.9	2.3	1.2	Attainment target is not reached.
CO2	Interpret the parameters of random variate Probability distributions such as Binomial, Poisson and Normal distribution by using their probability functions, expectation and variance.	0.9	2.4	1.2	Attainment target is not reached
CO3	Apply Bivariate Regression as well as Correlation Analysis for statistical forecasting.	1.6	2.4	1.8	Attainment target reached.
CO4	Make Use of estimation statistics in computing confidence intervals, Regression analysis and hypothesis testing.	0.9	2.4	1.2	Attainment target is not reached.
CO5	Identify the role of statistical hypotheses, types of errors, confidence intervals, the tests of hypotheses for large sample in making decisions over statistical claims in hypothesis testing.	0.9	2.4	1.2	Attainment target is not reached
CO6	Identify the tests of hypothesis for small sample in making decisions over statistical claims in hypothesis testing.	0.9	2.4	1.2	Attainment target is not reached

Action taken report:

CO 1 & CO 2 & CO 4 & CO 5 & CO 6: Need to give more problems and practice on problems to get better knowledge on solving the problems.

   Conduct more classes for problem solving methods.

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