INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

ATTAINMENT OF COURSE OUTCOME- ACTION TAKEN REPORT

Name of the Faculty:	Dr.J SURESH GOUD	Department:	CSIT
Regulation:	UG20	Batch:	2020-2024
Course Name:	Probability and Statistics	Course Code:	AHSC08
Semester:	II	Target Value:	60% (1.8 on 3 scale)

Attainment of Cos:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observations
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.	2.3	2.2	2.3	Target Attained
CO2	Interpret the parameters of random variate Probability distributions such as Binomial, Poisson and Normal distribution by using their probability functions, expectation and variance.	2.3	2.2	2.3	Target Attained
CO3	Apply Bivariate Regression as well as Correlation Analysis for statistical forecasting.	2.3	2.1	2.3	Target Attained
CO4	Make Use of estimation statistics in computing confidence intervals, Regression analysis and hypothesis testing.	1.6	2.1	1.7	Target not Attained
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	2.3	2.1	2.3	Target Attained
CO6	Identify the tests of hypothesis for small sample in making decisions over statistical claims in hypothesis testing	1.6	2.1	1.7	Target not Attained

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

In this Course CO4 and CO6 requires additional attention and it is improved by

CO 4: Solving more problems by making use of estimation statistics in regression analysis and hypothesis testing.

CO 6: Providing more assignments on testing of statistical hypothesis on large samples, checking confidence intervals in making decisions and also additional digital resources to improve their understanding.

Course Coordinator   Mentor   HOD