INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)
Dundigal, Hyderabad - 500043, Telangana

INFORMATION TECHNOLOGY

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Dr.J SURESH GOUD**	Department:	**Information Technology**
Regulation:	**IARE - R20**	Batch:	**2021-2025**
Course Name:	**Probability and Statistics**	Course Code:	**AHSC08**
Semester:	**II**	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Direct attaiment	Indirect attaiment	Overall attaiment	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.	2.30	2.50	2.3	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.	3.00	2.50	2.9	Attained
CO3	Apply Bivariate Regression as well as Correlation Analysis for statistical forecasting.	3.00	2.50	2.9	Attained
CO4	Make Use of estimation statistics in computing confidence intervals, Regression analysis and hypothesis testing.	2.30	2.50	2.3	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	3.00	2.50	2.9	Attained
CO6	Identify the tests of hypothesis for small sample in making decisions over statistical claims in hypothesis testing	3.00	2.50	2.9	Attained

Action Taken:

Course Coordinator

Mentor   L. Indira

Head of the Department   M.