INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. S JAGADHA	Department:	**Aeronautical Engineering**
Regulation:	IARE - R18	Batch:	**2018-2022**
Course Name:	PROBABILITY AND STATISTICS	Course Code:	**AHSB12**
Semester:	III	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Direct attaiment	Indirect attaiment	Overall attaiment	Observation
CO1	Explain the concepts of Baye's theorem, discrete and continuous random variables under randomized probabilistic conditions.	0.30	2.60	0.8	Not 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	2.60	2.9	Attained
CO3	Apply Bivariate Regression as well as Correlation Analysis for statistical forecasting.	2.70	2.60	2.7	Attained
CO4	Make Use of estimation statistics in computing confidence intervals, Regression analysis and hypothesis testing.	3.00	2.60	2.9	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	1.60	2.60	1.8	Attained
CO6	Identify the tests of hypothesis for small sample in making decisions over statistical claims in hypothesis testing	1.60	0.00	1.3	Not Attained

Action taken report:

CO1:

Digital content is given to enhance the knowledge on randomized probabilistic conditions.

CO6:

Extra inputs are given to enhance the knowledge on hypothesis testing.

Course Coordinator   Mentor   Head of the Department

Head of the Department
Aeronautical Engineering
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