


INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

COMPUTER SCIENCE AND ENGINEERING (AI & ML)
ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. G SATYANARAYANA	Department:	Computer Science and Engineering (AI & ML)
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 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.	3.00	2.50	2.9	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.	0.00	2.40	0.5	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	0.00	2.50	0.5	Not Attained
CO6	Identify the tests of hypothesis for small sample in making decisions over statistical claims in hypothesis testing	0.00	2.50	0.5	Not Attained

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

CO4: Will provide more example problems on regression and hypothesis testing in tutorial classes

CO5: will provide Remedial classes on statistical hypotheses, types of errors

CO6: will provide extra example problems on tests of hypothesis for small sample in making decisions over statistical claims in hypothesis testing

Course Coordinator
Mentor
Head of the Department

Head of the Department
Artificial Intelligence & Machine Learning
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