



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad -500 043

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ATTAINMENT OF COURSE OUTCOMES (COS) – ACTION PLAN

Name of the Faculty	Dr J.Suresh Goud	Department	CSE
Regulations	R16	Batch	2016 -2020
Course Name	Probability and Statistics	Course Code:	AHS010
Semester	II	Target Value	70% (2.1 on 3 Scale)

Attainment of COs:

Course Outcomes		Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Explain the parameters of random variate Probability distributions including Binomial, Poisson and Normal distribution by using their probability functions, expectation and variance.	3	2.6	2.9	Target attained
CO2	Interpret the concepts of discrete and continuous probability distribution, CLT problems, correlations and Regression Analysis for statistical forecasting	3	2.6	2.9	Target attained
CO3	Make use of the concept of sampling distribution of statistical data by using behavior of the sample mean.	2.3	2.6	2.4	Target attained
CO4	Apply the concept of estimation in real-world problems of signal processing and testing of hypothesis to predict the significance difference, types of errors in the sample means.	1.6	2.6	1.8	Target not attained
CO5	Calculate the role of statistical hypotheses, confidence intervals, the tests of hypotheses for large samples in making decisions over statistical claims in hypothesis testing	3	2.6	2.9	Target attained
CO6	Identify the tests of hypothesis for small samples and comparing three variables of ANOVA in making decisions over statistical claims in hypothesis testing	3	2.6	2.9	Target attained

Action taken report:

CO4: Guest lectures from both industry and academia on sample theory need to be organized so that student can apply estimations in real world problems.

Course Coordinator

Mentor

Head of HOD Department
Computer Science and Engineering
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