



COMPUTER SCIENCE AND ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty: **K RADHIKA** Department: **Computer Science and Engineering**
Regulation: **IARE - R18** Batch: **2018-2020**
Course Name: **MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE** Course Code: **BCSB01**
Semester: **I** Target Value: **60% (1.8)**

Attainment of COs:

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Make use of probability theory and distributions for depicting the expected outcome of possible values in the data generating process/experiment.	0.90	2.90	1.3	Not Attained
CO2 Build statistical models based on random sampling data for getting unbiased estimates in performing data analysis.	0.90	2.70	1.3	Not Attained
CO3 Examine regression and multivariate statistical models for solving classification and curve fitting problems in data analysis.	0.90	2.70	1.3	Not Attained
CO4 Identify appropriate techniques of graphs and combinatorial theory for finding solutions to shortest path and enumeration problems.	0.90	2.10	1.1	Not Attained
CO5 Choose appropriate mathematical and statistical techniques for solving applications in emerging areas of Information Technology.	0.90	2.90	1.3	Not Attained

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

CO1: To enhance problem solving skills , provide more problems as an tutorial exercise

CO2: Discuss case studies on estimation theory , to improve student focus on data analysis.

CO3: provide Application problems on construction of classification and clustering models.

CO4: Give application problems as exercise to make student comfortable in applying combinatorial theory and shortest path algorithms

CO5: Make student to solve programming exercises on statistical and mathematical modelling topics from competitive programming websites

Course Coordinator

Mentor

Head of the Department