

**COMPUTER SCIENCE AND ENGINEERING****ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT**

Name of the faculty: **Dr. B PADMAJA** Department: **Computer Science and Engineering**
Regulation: **IARE - R18** Batch: **2018-2020**
Course Name: **ADVANCED DATA STRUCTURES** Course Code: **BCSB02**
Semester: **I** Target Value: **60% (1.8)**

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Analyze the performance and complexity of the algorithms on data structures and their applications using mathematical tools like asymptotic notations.	3.00	2.80	3	Attained
CO2	Construct complex data structures for processing, organizing, and accessing information.	0.90	2.90	1.3	Not Attained
CO3	Design and Implement non-linear data structures using trees and graphs.	1.60	2.90	1.9	Attained
CO4	Organize data in the form of trees and graphs for retrieving information effectively.	0.90	3.00	1.3	Not Attained
CO5	Model the real-world data using red black and splay trees for comparison of text, patterns, and querying.	0.90	2.90	1.3	Not Attained

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

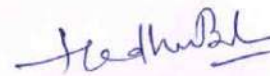
CO2: To develop Problem solving skills , provide more programming exercises on advanced data structures to students.

CO4: Make students to practice Programming exercises on Graphs and Trees of Level 3 to improve their logical skills.

CO5: case studies on Real Time Projects were discussed to make student comfortable in choosing complex data structures in data processing and analyzing.


Course Coordinator


Mentor


Head of the Department