



COMPUTER SCIENCE AND ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty: **Dr. M MADHU BALA** Department: **Computer Science and Engineering**
Regulation: **IARE - R18** Batch: **2018-2020**
Course Name: **DATA SCIENCE** Course Code: **BCSB06**
Semester: **I** Target Value: **60% (1.8)**

Attainment of COs:

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Make use of various data description functions in R programming for exhibiting various stages of the data science process.	0.90	2.80	1.3	Not Attained
CO2 Identify interfacing packages for handling SQL and NoSQL databases for performing data analysis.	0.30	2.90	0.8	Not Attained
CO3 Evaluate data models using clustering and classification techniques.	0.90	2.90	1.3	Not Attained
CO4 Solve various real-time problems on various hypothesis conditions by using artificial neural networks.	0.90	2.80	1.3	Not Attained
CO5 Illustrate delivering results through documentation and visualization techniques	0.90	3.00	1.3	Not Attained

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

CO1: Make student to practice exercises on R language utilities so that they can develop solutions for big data processing applications in R

CO2: Realtime Application Problems on SQL and NoSQL will be discussed in Tutorial sessions so that students can improve analytical skills.

CO3:

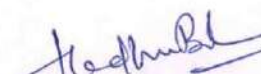
Case studies on supervised and unsupervised learning will be discussed as case studies to enhance Data Modelling skills of student.

CO4: Provide application Problems on AI Neural Networks so that student get clarification on role of machine learning in current Computer science applications

CO5: Demonstrate more examples on visualization techniques through relevant software to make students recognize importance of expressing results as per client needs and understanding.


Course Coordinator


Mentor


Head of the Department