



COMPUTER SCIENCE AND ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty: _____ Department: **Computer Science and Engineering**
Regulation: **IARE - R18** Batch: **2020-2022**
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.	1.60	1.50	1.6	Not Attained
CO2	Identify interfacing packages for handling SQL and NoSQL databases for performing data analysis.	0.90	1.80	1.1	Not Attained
CO3	Evaluate data models using clustering and classification techniques.	0.90	2.40	1.2	Not Attained
CO4	Solve various real-time problems on various hypothesis conditions by using artificial neural networks.	1.30	2.20	1.5	Not Attained
CO5	Illustrate delivering results through documentation and visualization techniques	0.90	2.20	1.2	Not Attained

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

CO1: Realtime Application Problems on Basics of R Language will be discussed in Tutorial session so that students can design solutions using R language utilities in data processing.

CO2: Make student practice exercises on SQL and NoSQL concepts so that they can design solutions for big data processing application

CO3: Real time applications on supervised and unsupervised learning will be discussed as case studies to enhance Data Modelling skills of student.

CO4: Discuss case studies on AI Neural Networks so that student get clarification on role of machine learning in Today's 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