INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)
Dundigal, Hyderabad - 500043, Telangana

COMPUTER SCIENCE AND ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Mr. M HARI KRISHNA**	Department:	**Computer Science and Engineering**
Regulation:	**IARE - UG20**	Batch:	**2022-2026**
Course Name:	**Big Data and Analytics**	Course Code:	**ACSC31**
Semester:	**VII**	Target Value:	**70% (2.1)**

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Explain the evolution of big data and big data analytics along with its characteristics and challenges included in traditional business intelligence.	2.30	2.20	2.3	Attained
CO2	Make use of appropriate components for processing, scheduling and knowledge extraction from large volumes the applications for handling huge volume of data.	2.30	2.20	2.3	Attained
CO3	Develop a Map Reduce application for optimizing the jobs.	2.30	2.20	2.3	Attained
CO4	Develop the applications for handling huge volume of data using Pig Latin.	1.60	2.20	1.7	Not Attained
CO5	Explain the importance of bigdata framework HIVE and its built-in functions, data types and services like DDL in Hadoop distributed file system.	2.30	2.20	2.3	Attained
CO6	Extend the big data technologies used to process and querying the bigdata in Hadoop, MapReduce, Pig and Hive.	1.60	2.20	1.7	Not Attained

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

CO4: Additional remedial classes with focused hands-on practice using Pig Latin will be conducted to improve students' practical understanding and application skills.

CO6: Revision sessions and integrated hands-on training on Hadoop, MapReduce, Pig, and Hive will be conducted using case studies to enhance conceptual clarity and performance.

Course Coordinator **Mentor** **Head of the Department**