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

COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)
ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Mr. CHITTE ANIL**	Department:	**Computer Science and Engineering (Data Science)**
Regulation:	**IARE - UG20**	Batch:	**2021-2025**
Course Name:	**Information Retrieval Systems**	Course Code:	**ACDC18**
Semester:	**VIII**	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Identify ability to apply IR principles to locate relevant information large collections of data	1.60	2.30	1.7	Not Attained
CO2	Understand ability to design different document clustering algorithms	1.60	2.30	1.7	Not Attained
CO3	Implement Illustrate algorithms used for natural language processing	0.90	2.30	1.2	Not Attained
CO4	Apply implement retrieval systems for web search tasks	0.90	2.20	1.2	Not Attained
CO5	Understand design an information retrieval system for web search tasks	0.90	2.30	1.2	Not Attained
CO6	Develop understand query,document and phrase translation and design the method to build inverted index	0.90	2.20	1.2	Not Attained

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

CO1: Remedial sessions and practice exercises were conducted to improve application of IR principles in large data collections.

CO2: Additional tutorials and assignments were given to strengthen the design of document clustering algorithms.

CO3: Extra lab sessions and coding tasks were introduced to enhance understanding of NLP algorithms.

CO4: Workshops and practice problems were organized to improve application of retrieval systems for web search tasks.

CO5: Design-based case studies and mini-projects were conducted to strengthen skills in building IR systems for web search.

CO6: Hands-on lab exercises and demonstrations were arranged to improve query, document, phrase translation, and inverted index construction.

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

HEAD OF THE DEPARTMENT
CSE (Data Science)
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