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:	**Ms.PRIYANKA GUPTA**	Department:	**Computer Science and Engineering (Data Science)**
Regulation:	**IARE - R20**	Batch:	**2020-2024**
Course Name:	**Natural Language Processing**	Course Code:	ACAC13
Semester:	VI	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Remember the knowledge of complex language behavior in terms of phonetics, morphology etc	0.90	1.80	1.1	Not Attained
CO2	Understand the semantics and pragmatics for text processing	0.90	1.80	1.1	Not Attained
CO3	Apply the CORPUS linguistics to compile and analyze the texts based on digestive approach (Text Corpus Method)	0.90	1.80	1.1	Not Attained
CO4	Understand various statistical approaches to machine translation for a given natural language	0.90	1.80	1.1	Not Attained
CO5	Apply Part-of-speech (POS) tagging for a given natural language and suitable modelling technique based on the structure	0.90	1.80	1.1	Not Attained
CO6	Apply the state of the art algorithms and techniques for text-based processing of natural language with respect to morphology	0.90	1.80	1.1	Not Attained

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

CO1: Additional classes are required to make the students understand the concepts of learning language phonetics.
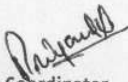
CO2: Assignments need to be provided to get familiar with the text processing tools for better understanding.

CO3: Need to put more concentration on problems for the topics of corpus linguistics.
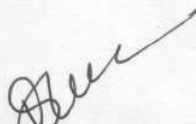
CO4: The machine translation workshop can be organized to understand statistical approaches.

CO5: Guest lectures or expert talks can make the concepts more clear on the POS tagging.

CO6: Need to provide more assignments and case studies on these topics to make the students for better understand the concepts.

Course Coordinator   Mentor   Head of the Department