


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. Y SUJANA	Department:	Computer Science and Engineering (Data Science)
Regulation:	IARE - UG20	Batch:	2021-2025
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	3.00	2.20	2.8	Attained
CO2	Understand the semantics and pragmatics for text processing	0.90	2.20	1.2	Not Attained
CO3	Apply the CORPUS linguistics to compile and analyze the texts based on digestive approach (Text Corpus Method)	0.90	2.20	1.2	Not Attained
CO4	Understand various statistical approaches to machine translation for a given natural language	0.00	2.20	0.4	Not Attained
CO5	Apply Part-of-speech (POS) tagging for a given natural language and suitable modelling technique based on the structure	0.00	2.20	0.4	Not Attained
CO6	Apply the state of the art algorithms and techniques for text-based processing of natural language with respect to morphology	0.00	2.20	0.4	Not Attained

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

CO2: Remedial classes and tutorials were organized to improve understanding of semantics and pragmatics in text processing.

CO3: Remedial classes and tutorials were organized to improve understanding of corpus linguistics and text corpus methods.

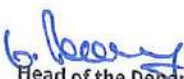
CO4: Special sessions and practical examples were provided to strengthen statistical approaches to machine translation.

CO5: Special sessions were conducted to enhance understanding of POS tagging and modeling techniques.

CO6: Special sessions and practical examples were provided to apply state-of-the-art algorithms for morphology-based NLP tasks.


Course Coordinator


Mentor


Head of the Department

HEAD OF THE DEPARTMENT
CSE (Data Science)
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