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. P ANJAIAH	Department:	Computer Science and Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	THEORY OF COMPUTATION	Course Code:	AITB03
Semester:	IV	Target Value:	70% (2.1)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Make use of deterministic finite automata and non deterministic finite automata for modeling lexical analysis and text editors.	2.30	2.20	2.3	Attained
CO2	Extend regular expressions and regular grammars for parsing and designing programming languages.	2.30	2.20	2.3	Attained
CO3	Illusrate the pumping lemma on regular and context free languages for perform negative test .	0.90	2.20	1.2	Not Attained
CO4	Demonstarte context free grammars, normal forms for generating patterns of strings and minimize the ambiguity in parsing the given strings.	2.30	2.20	2.3	Attained
CO5	Construct push down automata for context free languages for developing parsing phase of a compiler.	2.30	2.20	2.3	Attained
CO6	Apply Turing machines and Linear bounded automata for recognizing the languages,complex problems.	2.30	2.20	2.3	Attained

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

CO3: Discuss More problems on pumping Lemma in Tutorial Sessions to make student understand how to check whether a language is Context free or Regular

Course Coordinator   Mentor   Head of the Department