



INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. K RAJENDRA PRASAD	Department:	Computer Science and Engineering (Cyber Security)
Regulation:	IARE - R20	Batch:	2021-2025
Course Name:	Theory of Computation	Course Code:	AITC04
Semester:	V	Target Value:	60% (1.8)

Attainment of COs:

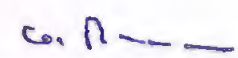
Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Make use of deterministic finite automata and non deterministic finite automata for modeling lexical analysis and text editors.	3.00	2.20	2.8	Attained
CO2 Extend regular expressions and regular grammars for parsing and designing programming languages.	2.30	2.30	2.3	Attained
CO3 Illustrate the pumping lemma on regular and context free languages for perform negative test .	2.30	2.20	2.3	Attained
CO4 Demonstrate context free grammars, normal forms for generating patterns of strings and minimize the ambiguity in parsing the given strings.	2.30	2.30	2.3	Attained
CO5 Construct push down automata for context free languages for developing parsing phase of a compiler.	1.30	2.30	1.5	Not Attained
CO6 Apply Turing machines and Linear bounded automata for recognizing the languages, complex problems.	3.00	2.30	2.9	Attained

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

CO5, Enhance skills in grasping the concepts


Course Coordinator


Mentor


Head of the Department