



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

ATTAINMENT OF COURSE OUTCOME- ACTION TAKEN REPORT


Name of the Faculty:	Ms. M. Himabindu	Department:	CSIT
Regulation:	UG20	Batch:	2021-2025
Course Name:	Theory of Computation	Course Code:	AITC04
Semester:	IV	Target Value:	60% (1.8 on 3 scale)

Attainment of COs:

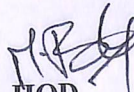
Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observations
CO1 Make use of deterministic finite automata and non deterministic finite automata for modeling lexical analysis and text editors.	3	2.3	2.9	Target Attained
CO2 Extend regular expressions and regular grammars for parsing and designing programming languages.	3	2.3	2.9	Target Attained
CO3 Illustrate the pumping lemma on regular and context free languages for perform negative test .	3	2.3	2.9	Target Attained
CO4 Demonstrate context free grammars, normal forms for generating patterns of strings and minimize the ambiguity in parsing the given strings.	1.3	2.3	1.5	Target not Attained
CO5 Construct push down automata for context free languages for developing parsing phase of a compiler.	3	2.3	2.9	Target Attained
CO6 Apply Turing machines and Linear bounded automata for recognizing the languages, complex problems.	3	2.3	2.9	Target Attained

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

CO 4: Students can Practice more example on context free grammars and normal forms


Course Coordinator


Mentor


HOD