



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT


Name of the faculty:	Dr. BASETTY MALLIKARJUNA	Department:	Computer Science and Information Technology
Regulation:	IARE - R20	Batch:	2021-2025
Course Name:	Compiler Design	Course Code:	ACSC40
Semester:	V	Target Value:	60% (1.8)


Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO2	Make use of finite automata for designing a lexical analyzer for a specific programming language constructs.	2.30	2.00	2.2	Attained
CO1	Summarize phases of a compiler in the construction of language processors.	2.30	2.00	2.2	Attained
CO3	Choose top down, bottom up parsing methods for developing a parser with representation of a parse table or tree.	3.00	2.00	2.8	Attained
CO4	Outline syntax directed translations, intermediate forms for performing semantic analysis along with code generation.	0.90	2.00	1.1	Not Attained
CO5	Relate symbol table, type checking and storage allocation strategies used in run-time environment.	2.30	2.00	2.2	Attained
CO6	Select code optimization techniques on intermediate code form for generating target code.	2.30	1.90	2.2	Attained

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

CO4: Syntax-directed translations (SDTs) are a method of attaching semantic actions to the production rules of a context-free grammar, guiding the translation of source code into intermediate forms and eventually into target code, more examples are not discussed. SDTs are crucial in compilers for performing semantic analysis and code generation


Course Coordinator


Mentor


Head of the Department