



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad -500 043

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ATTAINMENT OF COURSE OUTCOMES (COS) – ACTION PLAN

Name of the Faculty	Mr. N. V. Krishna Rao	Department	CSE
Regulations	R16	Batch	2017 -2021
Course Name	Compiler Design	Course Code:	AIT004
Semester	V	Target Value	70% (2.1 on 3 Scale)

Attainment of Cos:

Course Outcomes		Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Summarize phases of a compiler in the construction of language processors	3.00	2.60	2.9	Target attained
CO2	Make use of finite automata for designing a lexical analyzer for a specific programming language constructs	1.60	2.60	1.8	Target not attained
CO3	Choose top down, bottom-up parsing methods for developing a parser with representation of a parse table or tree.	1.60	2.60	1.8	Target not attained
CO4	Outline syntax directed translations, intermediate forms for performing semantic analysis along with code generation.	2.30	2.60	2.4	Target attained
CO5	Relate symbol table, type checking and storage allocation strategies used in run-time environment.	2.30	2.60	2.4	Target attained
CO6	Select code optimization techniques on intermediate code form for generating target code.	0.90	2.60	1.2	Target not attained

Action taken report:

CO2, CO3: Demonstrate a simulator on working principle of various phases of compiler to make student how a compiler connects programming language and hardware.
CO6: Provide more exercises on code generation strategies in run time environment to students

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Course Coordinator

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Mentor

Head of the Department
Computer Science and Engineering
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