



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	2016 -2020
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	0.9	2.5	1.2	Target not attained
CO2	Make use of finite automata for designing a lexical analyzer for a specific programming language constructs	1.3	2.5	1.5	Target not attained
CO3	Choose top down, bottom-up parsing methods for developing a parser with representation of a parse table or tree.	2	2.5	2.1	Target attained
CO4	Outline syntax directed translations, intermediate forms for performing semantic analysis along with code generation.	0.6	2.5	1	Target not attained
CO5	Relate symbol table, type checking and storage allocation strategies used in run-time environment.	1.6	2.5	1.8	Target not attained
CO6	Select code optimization techniques on intermediate code form for generating target code.	2.3	2.5	2.3	Target attained

Action taken report:

CO1, CO2: Demonstrate a simulator on working principle of various phases of compiler to make student how a compiler connects programming language and hardware.

CO4, CO5: Provide more exercises on code generation and storage allocation strategies in run time environment

Course Coordinator

Mentor

Head of the Department
Computer Science Engineering
HOD
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