



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

INFORMATION TECHNOLOGY

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Dr. K Srinivasa Reddy	Department:	IT
Regulation:	IARE - R16	Batch:	2017 - 2021
Course Name:	Compiler Design	Course Code:	AIT004
Semester:	V	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Summarize phases of a compiler in the construction of language processors	3	2.8	3	Attainment target reached
CO2	Make use of finite automata for designing a lexical analyzer for a specific programming language constructs.	0.9	2.8	1.3	Attainment target is not yetreached.
CO3	Choose top down, bottom up parsing methods for developing a parser with representation of a parse table or tree.	0.9	2.8	1.3	Attainment target is not yet reached.
CO4	Outline syntax directed translations, intermediate forms for performing semantic analysis along with code generation	1.6	2.8	1.8	Attainment target reached
CO5	Relate symbol table, type checking and storage allocation strategies used in run-time environment.	0.9	2.8	1.3	Attainment target is not yetreached.
CO6	Select code optimization techniques on intermediate code form for generating target code.	0.9	2.7	1.3	Attainment target is not yetreached.

Action taken report: (To be filled by the concerned faculty / course coordinator)

For example:

CO 2: Need to provide more problems and assignments on lexical analyzer, and also additional digital resources which enables the students to gain more problem-solving skills.

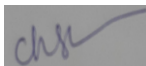
CO 3: Need to provide more problems and assignments on top down, bottom up parsing methods, and also additional digital resources which enables the students to gain more problem-solving skills.

CO 5: Need to provide more problems and assignments on symbol table, type checking, and also additional digital resources which enables the students to gain more problem-solving skills.

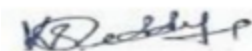
CO 6: Need to provide more problems and assignments on code optimization techniques, and also additional digital resources which enables the students to gain more problem-solving skills.



Course Coordinator



Mentor



HOD