



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

## INFORMATION TECHNOLOGY

### ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	<b>Dr. K Srinivasa Reddy</b>	Department:	<b>IT</b>
Regulation:	<b>IARE - R16</b>	Batch:	<b>2016 - 2020</b>
Course Name:	<b>Compiler Design</b>	Course Code:	<b>AIT004</b>
Semester:	<b>V</b>	Target Value:	<b>60% (1.8)</b>

#### Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Summarize phases of a compiler in the construction of language processors	0.9	2.8	1.3	Attainment target is not yetreached.
CO2	Make use of finite automata for designing a lexical analyzer for a specific programming language constructs.	0.3	2.8	0.8	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.	1.6	2.8	1.8	Attainment target reached.
CO4	Outline syntax directed translations, intermediate forms for performing semantic analysis along with code generation	0.6	2.8	1	Attainment target is not yetreached.
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.	1.6	2.8	1.8	Attainment target reached

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

For example:

CO 1: Need to provide more problems and assignments on phases of compiler, and also additional digital resources which enables the students to gain more problem-solving skills.

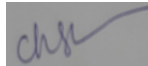
CO 2: Need to provide more problems and assignments on lexical analyzer, and also additional digital resources which enables the students to gain more problem-solving skills.

CO 4: Need to provide more problems and assignments on syntax directed translations, intermediate forms, 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 storage allocation, and also additional digital resources which enables the students to gain more problem-solving skills.



**Course Coordinator**



**Mentor**



**HOD**