



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

COMPUTER SCIENCE AND ENGINEERING ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Ms. N M DEEPIKA	Department:	Computer Science and Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	Compiler Design	Course Code:	ACSB11
Semester:	V	Target Value:	70% (2.1)

Attainment of COs:

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Summarize phases of a compiler in the construction of language processors	3.00	2.30	2.9	Attained
CO2 Make use of finite automata for designing a lexical analyzer for a specific programming language constructs	0.90	2.30	1.2	Not Attained
CO3 Choose top down, bottom up parsing methods for developing a parser with representation of a parse table or tree.	1.60	2.30	1.7	Not Attained
CO4 Outline syntax directed translations, intermediate forms for performing semantic analysis along with code generation.	0.90	2.30	1.2	Not Attained
CO5 Relate symbol table, type checking and storage allocation strategies used in run-time environment.	0.90	2.30	1.2	Not Attained
CO6 Select code optimization techniques on intermediate code form for generating target code.	0.90	2.30	1.2	Not Attained

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

CO2: Problems on verification of program constructs will be provided as exercise to make student realize importance of FA in Compiler Design

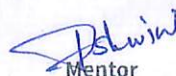
CO3: A seminar will be arranged on Parsers and Code generations to enhance understanding of working principles of Compiler.

CO4: A seminar will be arranged on Parsers and Code generations to enhance understanding of working principles of Compiler.

CO5: Discuss case studies on code optimization in runtime environment to make students understand the importance of relationships among symbol tables, type checking and allocation strategies

CO6: Discuss case studies on code optimization in runtime environment to make students understand the importance of relationships among symbol tables, type checking and allocation strategies


Course Coordinator


Mentor


Head of the Department