INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)
Dundigal, Hyderabad - 500043, Telangana

INFORMATION TECHNOLOGY

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Dr. U SIVAJI**	Department:	**Information Technology**
Regulation:	**IARE - R18**	Batch:	**2019-2023**
Course Name:	**Compiler Design**	Course Code:	**ACSB11**
Semester:	**V**	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Direct attaiment	Indirect attaiment	Overall attaiment	Observation
CO1	Summarize phases of a compiler in the construction of language processors	1.60	2.30	1.7	Not 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:

CO1: Need to discuss compiler in the construction of language processors
CO2: Need to discuss the use of finite automata for designing a lexical analyzer for a specific programming

CO3: Need to discuss the top down, bottom up parsing methods for developing a parse table

CO4: Need to discuss the semantic analysis along with code generation

CO5: Need to discuss the various storage allocation strategies used in run-time environment
CO6: need to address various optimization techniques on intermediate code form for generating target code.

Course Coordinator

Mentor

Head of the Department