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. P. Ravinder	Department	CSE
Regulations	R16	Batch	2017 -2021
Course Name	Computer Programming	Course Code:	ACS001
Semester	I	Target Value	70% (2.1 on 3 Scale)

Attainment of COs:

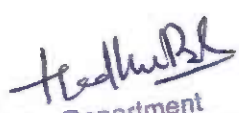|	Course Outcomes	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Illustrate problem solving steps in terms of algorithms, pseudocode and flowcharts for Mathematical and Engineering problems.	2.1	2.2	2.1	Target attained
CO2	Demonstrate basic and derived data types, operators in C program statements.	1.3	2.2	1.5	Target not attained
CO3	Construct programs involving decision structures, loops, arrays and strings.	1.3	2.3	1.5	Target not attained
CO4	Make use of various types of functions, parameters, return values and structures for complex problem solving	0.6	2.3	0.9	Target not attained
CO5	Illustrate the dynamic memory management by using pointers.	1.6	2.2	1.7	Target not attained
CO6	Extend file input and output operations in implementation of real time applications	1.3	2.2	1.5	Target not attained

Action taken report:

CO2, CO3: Need to provide more programming exercises on operators and control structures which should be solved by students independently in tutorial sessions to enhance problem solving skills.

CO4, CO5: Create a competitive environment among students to analyze and solve complex programming exercises on functions and pointers.

CO6: Need to arrange expert lectures from industry to boost students' interest in implementing real time applications.

Course Coordinator

Mentor

Head of the Department
Computer Science and Engineering
HOD
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