INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)

Dundigal, Hyderabad – 500043, Telangana

MECHANICAL ENGINEERING

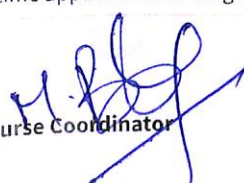## ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Dr. M PURUSHOTHAM REDDY**	Department:	**Mechanical Engineering**
Regulation:	**IARE - R18**	Batch:	**2019-2023**
Course Name:	**Programming for Problem Solving**	Course Code:	**ACSB01**
Semester:	**I**	Target Value:	**60% (1.8)**
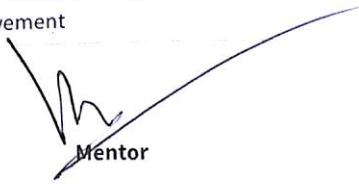
Attainment of COs:

	Course Outcome	Direct attaiment	Indirect attaiment	Overall attaiment	Observation
CO1	Illustrate problem solving steps in terms of algorithms, pseudocode and flowcharts for Mathematical and Engineering problems.	1.40	2.30	1.6	Not Attained
CO2	Demonstrate basic and derived data types, operators in C program statements.	0.00	2.30	0.5	Not Attained
CO3	Construct programs involving decision structures, loops, arrays and strings.	0.00	2.30	0.5	Not Attained
CO4	Make use of various types of functions, parameters, and return values for complex problem solving.	0.30	2.20	0.7	Not Attained
CO5	Illustrate the dynamic memory management by using pointers.	0.60	2.30	0.9	Not Attained
CO6	Extend file input and output operations in implementation of real time applications.	0.30	2.30	0.7	Not Attained

Action Taken:

CO1: More assignments may be given on writing algorithms, pseudocode and flowcharts for Mathematical and Engineering problems.

CO2: More examples may be given for basic and derived data types, operators in C program.

CO3: More assignments may be given to construct programs involving decision structures, loops, arrays and strings.

CO4: More complex problems to be solved using various types of functions, parameters, return values and structures.

CO5: More examples to be given on dynamic memory management by using pointers

CO6: More real time applications to be given for better improvement

Course Coordinator　　　　　　Mentor　　　　　　Head of the Department

Head of the Department
Mechanical Engineering
INSTITUTE OF AERONAUTICAL ENGINEERING
Dundigal, Hyderabad - 500 043