



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

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

Name of the faculty:	Dr. K SUVARCHALA	Department:	Computer Science and Engineering
Regulation:	IARE - R20	Batch:	2022-2026
Course Name:	Discrete Mathematical Structures	Course Code:	AITC01
Semester:	III	Target Value:	70% (2.1)

Attainment of COs:

Course Outcome		Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Make use of mathematical definitions and its notations for reformulating statements in formal logic and validating normal forms.	3.00	2.00	2.8	Attained
CO2	Demonstrate operations on discrete mathematical structures like sets, functions, lattices for representing the relations among them.	3.00	2.00	2.8	Attained
CO3	Illustrate rings, integral domains, and field structures with binary operations defined on them.	3.00	2.00	2.8	Attained
CO4	Apply addition rule and substitution rule for solving the problems of combinatorics.	1.60	2.00	1.7	Not Attained
CO5	Develop solutions for recurrence relations and generating functions to obtain terms of equation.	3.00	2.00	2.8	Attained
CO6	Identify appropriate algorithms of graphs and trees for finding shortest path	3.00	2.00	2.8	Attained

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

CO4: Application problems on combinatorics will be given as exercise to students during Tutorial Sessions so that their problem solving skills will be increased.

K. Suvarchala
Course Coordinator

[Signature]
Mentor

[Signature]
Head of the Department

Head of the Department
Computer Science and Engineering
INSTITUTE OF AERONAUTICAL ENGINEERING
Dundigal, Hyderabad - 500043