INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

ATTAINMENT OF COURSE OUTCOME- ACTION TAKEN REPORT

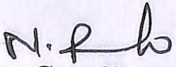| Name of the Faculty:	Mr. N Raghava Rao	Department:	CSIT
Regulation:	UG20	Batch:	2022-2026
Course Name:	Discrete Mathematical Structures	Course Code:	AITC01
Semester:	III	Target Value:	60% (1.8 on 3 scale)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observations
CO1	Make use of mathematical definitions and its notations for reformulating statements in formal logic and validating normal forms.	3	2.1	2.8	Target Attained
CO2	Demonstrate operations on discrete mathematical structures like sets, functions, lattices for representing the relations among them.	3	2.1	2.8	Target Attained
CO3	Illustrate rings, integral domains, and field structures with binary operations defined on them.	3	2.1	2.8	Target Attained
CO4	Apply addition rule and substitution rule for solving the problems of combinatorics.	0.9	2.1	1.1	Target not Attained
CO5	Develop solutions for recurrence relations and generating functions to obtain terms of equation.	3	2.1	2.8	Target Attained
CO6	Identify appropriate algorithms of graphs and trees for finding shortest path	3	2.1	2.8	Target Attained

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

In this Course CO4 requires additional attention

CO 4: Permutations and combinatorics are basically difficult. Faculty should give assignments with more and more problems..

Course Coordinator

Mentor

Head of the Department
Computer Science and Information Technology
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