



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:	Dr. C Madhusudhan Rao	Department:	CSIT
Regulation:	UG20	Batch:	2021-2025
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.	2.4	2.2	2.4	Target Attained
CO2 Demonstrate operations on discrete mathematical structures like sets, functions, lattices for representing the relations among them.	3	2.2	2.8	Target Attained
CO3 Illustrate rings, integral domains, and field structures with binary operations defined on them.	0.9	2.1	1.1	Target not Attained
CO4 Apply addition rule and substitution rule for solving the problems of combinatorics.	3	2.2	2.8	Target Attained
CO5 Develop solutions for recurrence relations and generating functions to obtain terms of equation.	3	2.2	2.8	Target Attained
CO6 Identify appropriate algorithms of graphs and trees for finding shortest path	3	2.2	2.8	Target Attained


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

In this Course CO3 requires additional attention and it is improved by

CO 3: Solving more example problems on the concepts of rings, integral domains, and field structures with binary operations.


Course Coordinator


Mentor


HOD
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