



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	Ms. V. Divyavani	Department	CSE
Regulations	R16	Batch	2016 -2020
Course Name	Discrete Mathematical Structures	Course Code:	AHS013
Semester	III	Target Value	70% (2.1 on 3 Scale)

Attainment of COs:

Course Outcomes		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	2.6	2.9	Target attained
CO2	Demonstrate operations on discrete mathematical structures like sets, functions, lattices for representing the relations among them.	3	2.6	2.9	Target attained
CO3	Illustrate rings, integral domains, and field structures with binary operations defined on them.	3	2.7	2.9	Target attained
CO4	Apply addition rule and substitution rule for solving the problems of combinatorics.	2.3	2.6	2.4	Target attained
CO5	Develop solutions for recurrence relations and generating functions to obtain terms of equation.	2.3	2.7	2.4	Target attained
CO6	Identify appropriate algorithms of graphs and trees for finding shortest path	3	2.7	2.9	Target attained

Action taken report:

Course Coordinator

Mentor

HOD

Head of the Department
Computer Science and Engineering
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