INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

INFORMATION TECHNOLOGY

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	**B.Pravalika**	Department:	**IT**
Regulation:	**IARE - R16**	Batch:	**2016 - 2020**
Course Name:	**Discrete Mathematical Structures**	Course Code:	**AHS013**
Semester:	**III**	Target Value:	**60% (1.8)**

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	2.6	2.9	Attainment target reached
CO2	Demonstrate operations on discrete mathematical structures like sets, functions, lattices for representing the relations among them.	3	2.6	2.9	Attainment target reached
CO3	Illustrate rings, integral domains, and field structures with binary operations defined on them.	1.6	2.6	1.8	Attainment target reached
CO4	Apply addition rule and substitution rule for solving the problems of combinatorics.	2.3	2.6	2.4	Attainment target reached
CO5	Develop solutions for recurrence relations and generating functions to obtain terms of equation..	1.6	2.6	1.8	Attainment target reached
CO6	Identify appropriate algorithms of graphs and trees for finding shortest path	2.3	2.6	2.4	Attainment target reached

Action taken report: (To be filled by the concerned faculty / course coordinator)

Pravalika

Course Coordinator

Mentor

HOD