INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

INFORMATION TECHNOLOGY

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Ms. D. KOUMUDI PRASANNA**	Department:	**Information Technology**
Regulation:	**IARE - BT23**	Batch:	**2023-2027**
Course Name:	**Mathematics for Computing**	Course Code:	**AITD01**
Semester:	**III**	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Make use of Number system and converting Decimal to binary, octal and hexadecimal and also gray code to binary, Binary to gray code.	3.00	2.30	2.9	Attained
CO2	Demonstrate notations for reformulating statements in formal logic and validating normal forms.	3.00	2.30	2.9	Attained
CO3	Demonstrate operations on discrete mathematical structures like sets, functions, lattices for representing the relations among them.	2.40	2.30	2.4	Attained
CO4	Illustrate rings, integral domains, and field structures with binary operations defined on them.	1.20	2.30	1.4	Not Attained
CO5	Apply addition rule and substitution rule for solving the problems of combinatory.	1.20	2.20	1.4	Not Attained
CO6	Develop solutions for recurrence relations and generating functions to obtain terms of equations.	1.20	2.20	1.4	Not Attained

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

CO4: Need to solve more examples on integral domains, and field structures with binary operations defined on them.

CO5: Need to discuss more problems on addition rule and substitution rule for solving the problems of combinatory.

CO6: Need to discuss more examples on recurrence relations and generating functions to obtain terms of equations.

Course Coordinator   **Mentor**   **Head of the Department**